

State of Nebraska (State Purchasing Bureau) INVITATION TO BID FOR COMMODITIES CONTRACT

SOLICITATION NUMBER	RELEASE DATE
121604 OR	April 11, 2025
OPENING DATE AND TIME	PROCUREMENT CONTACT
May 14, 2025, 2:00 p.m. Central Time	Brenda Sensibaugh

PLEASE READ CAREFULLY

SCOPE

The State of Nebraska (State), Department of Administrative Services (DAS), Materiel Division, State Purchasing Bureau (SPB), is issuing this solicitation for the purpose of selecting a qualified Bidder to provide Surveying Equipment for a commodity contract. A more detailed description can be found in Section V. The resulting contract may not be an exclusive contract as the State reserves the right to contract for the same or similar goods from other sources now or in the future.

The term of the contract will be two (2) years commencing upon execution of the contract by the State and the Vendor (Parties). The Contract includes the option to renew for three (3) additional two (2) year periods upon mutual agreement of the Parties. The State reserves the right to extend the period of this contract beyond the termination date when mutually agreeable to the Parties.

In the event that a contract with the awarded bidder(s) is cancelled or in the event that the State needs additional Vendors to supply the solicited commodities, this solicitation may be used to procure the solicited goods up to eighteen (18) months from the date the Intent to Award is posted, provided that 1) the solicited goods will be provided by a bidder (or a successive owner) who submitted a response pursuant to this solicitation, 2) the solicitation response was evaluated, and 3) the bidder will honor the bidder's original response, including the proposed cost, allowing for any price increases that would have otherwise been allowed if the bidder would have received the initial award.

IMPORTANT NOTICE: Pursuant to Neb. Rev. Stat. § 84-602.04, State contracts in effect as of January 1, 2014, and contracts entered into thereafter must be posted to a public website. The resulting contract, the solicitation and the successful Vendor's solicitation response will be posted to a public website managed by DAS, which can be found at: <https://statecontracts.nebraska.gov> and https://www.nebraska.gov/das/materiel/purchasing/contract_search/index.php.

In addition, and in furtherance of the State's public records Statute (Neb. Rev. Stat. § 84-712 et seq.), all responses received regarding this Solicitation will be posted to the State Purchasing Bureau public website.

These postings will include the entire solicitation response. Bidder must request that proprietary information be excluded from the posting. The bidder must identify the proprietary information, mark the proprietary information according to state law, and submit the proprietary information in a separate file named conspicuously as "PROPRIETARY INFORMATION". The bidder should submit a detailed written document showing that the release of the proprietary information would give a business advantage to named business competitor(s) and explain how the named business competitor(s) will gain an actual business advantage by disclosure of information. The mere assertion that information is proprietary or that a speculative business advantage might be gained is not sufficient. (See Attorney General Opinion No. 92068, April 27, 1992). **THE BIDDER MAY NOT ASSERT THAT THE ENTIRE SOLICITATION IS PROPRIETARY. COST SHEETS WILL NOT BE CONSIDERED PROPRIETARY AND ARE A PUBLIC RECORD IN THE STATE OF NEBRASKA.** The State will determine, in its sole discretion, if the disclosure of the information designated by the Bidder as proprietary would 1) give advantage to business competitors and 2) serve no public purpose. The Bidder will be notified of the State's decision. Absent a determination by the State that the information may be withheld pursuant to Neb. Rev. Stat. § 84-712.05, the State will consider all information a public record subject to disclosure.

If the State determines it is required to release withheld proprietary information, the bidder will be informed. It will be the bidder's responsibility to defend the bidder's asserted interest in non-disclosure.

To facilitate such public postings, with the exception of proprietary information, the State of Nebraska reserves a royalty-free, nonexclusive, and irrevocable right to copy, reproduce, publish, post to a website, or otherwise use any contract, or solicitation response for any purpose, and to authorize others to use the documents. Any individual or entity awarded a contract, or who submits a solicitation response, specifically waives any copyright or other protection the contract, or solicitation response may have; and acknowledges that they have the ability and authority to enter into such waiver. This reservation and waiver are a prerequisite for submitting a solicitation response, and award of a contract. Failure to agree to the reservation and waiver will result in the solicitation response being found non-responsive and rejected.

Any entity awarded a contract or submitting a solicitation response agrees not to sue, file a claim, or make a demand of any kind, and will indemnify and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses, sustained or asserted against the State, arising out of, resulting from, or attributable to the posting of the contract or solicitation response, awards, and other documents.

121604 OR ATTACHMENT A

COST SHEET

Nebraska Department of Transportation

Survey Equipment

Proposal pricing shall be the price for **delivered** Survey Equipment FOB Destination. All costs associated to satisfy the requirements in accordance with the general provisions and specifications written in the Invitation to Bid must be included in the prices bid on this form including proper insurance coverage costs. Estimates shall not be considered a minimum or maximum, but to be used as best estimate for reference and bidding.

CORE ITEMS

Description	Estimated Qty	Price	Extended Price
Data Collector / Survey Controller	20	\$7,395.00	\$147,900.00
Data Collector / Survey Controller Accessories	20	\$1,500.00	\$30,000.00
Receiver / Rover	20	\$17,300.00	\$346,000.00
Receiver / Rover Accessories	20	\$1,089.00	\$21,780.00
CORS Base Station / Reference Station	2	\$17,000.00	\$34,000.00
CORS Base Station / Reference Station Accessories	2	\$1,080.00	\$2,160.00
Robotic Total Station	1	\$26,950.00	\$26,950.00
Robotic Total Station Accessories	1	\$2,700.00	\$2,700.00

CATALOG/NON-CORE - CATEGORIES

Catalog Deduction Percentage	Percentage Deduction
GPS & Surveying Equipment Hardware & Accessories	20%
GPS & Surveying Equipment Software Licenses & Software Updates	20%

CONTRACTUAL AGREEMENT FORM

BIDDER MUST COMPLETE THE FOLLOWING

By signing this Contractual Agreement Form, the bidder guarantees compliance with the provisions stated in this solicitation and agrees to the terms and conditions unless otherwise indicated in writing and certifies that bidder is not owned by the Chinese Communist Party.

Per Nebraska’s Transparency in Government Procurement Act, Neb. Rev Stat § 73-603, DAS is required to collect statistical information regarding the number of contracts awarded to Nebraska Vendors. This information is for statistical purposes only and will not be considered for contract award purposes.

_____ NEBRASKA VENDOR AFFIDAVIT: Bidder hereby attests that bidder is a Nebraska Vendor. “Nebraska Vendor” shall mean any bidder who has maintained a bona fide place of business and at least one employee within this state for at least the six (6) months immediately preceding the posting date of this Solicitation. All vendors who are not a Nebraska Vendor are considered Foreign Vendors under Neb. Rev Stat § 73-603 (c).

_____ I hereby certify that I am a Resident disabled veteran or business located in a designated enterprise zone in accordance with Neb. Rev. Stat. § 73-107 and wish to have preference, if applicable, considered in the award of this contract.

_____ I hereby certify that I am a blind person licensed by the Commission for the Blind & Visually Impaired in accordance with Neb. Rev. Stat. § 71-8611 and wish to have preference considered in the award of this contract.

THIS FORM MUST BE SIGNED MANUALLY IN INK OR BY DOCUSIGN

COMPANY:	Leica Geosystems, Inc.
ADDRESS:	555 North Point Center East, Ste.700 Alpharetta GA 30022
PHONE:	317-402-1196
EMAIL:	Craig.williams@leicaus.com
BIDDER NAME & TITLE:	Craig Williams – Sales Manager, Direct S&E, US
SIGNATURE:	<div><div>DocuSigned by:</div><div>Craig Williams</div><div>DF5B56CFC21047F...</div></div>
DATE:	May 8, 2025

VENDOR COMMUNICATION WITH THE STATE CONTACT INFORMATION (IF DIFFERENT FROM ABOVE)	
NAME:	Charlie Ramsbottom
TITLE:	Direct Sales Representative, NE
PHONE:	816-649-8555
EMAIL:	Charles.ramsbottom@hexagon.com

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GLOSSARY OF TERMS

Acceptance Test Procedure: Benchmarks and other performance criteria, developed by the State or other sources of testing standards, for measuring the effectiveness of products or goods and the means used for testing such performance

Addendum: A written correction or alteration to a document during the solicitation process (e.g., Questions and Answers, Revised Schedule of Events, Addendum to Contract Award).

Agency: All officers of the state, departments, bureaus, boards, commissions, councils, and institutions receiving legislative appropriations

Agent/Representative: A person authorized to act on behalf of another

Amend: To alter or change by adding, subtracting, or substituting

Amendment: A written correction or alteration to a document

Appropriation: Legislative authorization to expend public funds for a specific purpose; money set apart for a specific use

Automated Clearing House (ACH): Electronic network for financial transactions in the United States

Award: All purchases, leases, or contracts which are based on competitive solicitations will be awarded according to the provisions in the solicitation

Best and Final Offer (BAFO): In a competitive solicitation, the final offer submitted which contains Vendor's most favorable terms for price

Bid: See Solicitation Response

Bid Opening: The process of opening correctly submitted solicitation responses at the time and place specified in the written solicitation and in the presence of any bidder who wishes to attend

Bidder: A Vendor who submits a Solicitation Response

Breach: Violation of a contractual obligation by failing to perform or repudiation of one's own promise

Business: Any corporation, partnership, individual, sole proprietorship, joint-stock company, joint venture, or any other private legal entity

Business Day: Any weekday, except State-recognized holidays

Calendar Day: Every day shown on the calendar including Saturdays, Sundays, and State/Federal holidays

Cancellation: To call off or revoke a solicitation, purchase order, or contract without expectation of conducting or performing at a later time

Catalog/Non-Core: A printed or electronic list of products a Vendor may provide at a discounted rate or discount off list price to the State. Initial contract award(s) is not based on Catalog/Non-Core items

Change Order: Document that provides amendments to an executed purchase order or contract

Collusion: An agreement or cooperation between two or more persons or entities to accomplish a fraudulent, deceitful, or unlawful purpose

Commodities: Any equipment, material, supply, or goods; anything movable or tangible that is provided or sold

Commodities Description: Detailed descriptions of the items to be purchased; may include information necessary to obtain the desired quality, type, color, size, shape, or special characteristics necessary to perform the work intended to produce the desired results

Competition: The effort or action of two or more commercial interests to obtain the same business from third parties

Confidential Information: See Proprietary Information

Contract: An agreement between two or more parties creating obligations that are enforceable or otherwise recognizable at law; the writing that sets forth such an agreement

Contract Administration: The management of the contract which includes and is not limited to contract signing, contract amendments and any necessary legal actions

Contract Award: Document that officially awards a contract to a bidder(s) as the result of a competitive solicitation or a vendor(s) in a contract that qualifies for an exception or exemption from the competitive bidding requirements of the State Procurement Act

Contract Management: The management of day-to-day activities at the agency which includes but is not limited to ensuring deliverables are received, specifications are met, handling meetings and making payments to the Vendor

Contract Period: The duration of the contract

Contractor: See Vendor

Cooperative Purchasing: The combining of requirements of two or more political entities to obtain advantages of volume purchases, reduction in administrative expenses or other public benefits

Copyright: A property right in an original work of authorship fixed in any tangible medium of expression, giving the holder the exclusive right to reproduce, adapt and distribute the work

Cost Sheet: A required document that is completed by the vendor in the prescribed format to show the vendor's pricing to provide the commodities or perform the services requested.

Customer Service: The process of ensuring customer satisfaction by providing assistance and advice on those commodities or services provided by a Vendor

Default: The omission or failure to perform a contractual duty

Deviation: Any proposed change(s) or alteration(s) to either the terms and conditions or deliverables within the scope of the written solicitation or contract

Evaluation: The process of examining a solicitation response after opening to determine the bidder's responsibility, responsiveness to requirements, and to ascertain other characteristics of the solicitation response that relate to determination of the successful award

Evaluation Committee: Individual(s) identified by the agency that leads the solicitation to evaluate solicitation responses

Extension: Continuance of a contract for a specified duration upon the agreement of the parties beyond the original Contract Period; not to be confused with "Renewal Period"

Free on Board (F.O.B.) Destination: The delivery charges are included in the quoted price and prepaid by the Vendor. Vendor is responsible for all claims associated with damages during delivery of product.

Free on Board (F.O.B.) Point of Origin: The delivery charges are not included in the quoted price and are the responsibility of the agency. Agency is responsible for all claims associated with damages during delivery of product

Foreign Corporation: A foreign corporation that was organized and chartered under the laws of another state, government, or country

Goods: See Commodities

Installation Date: The date when the procedures described in "Installation by Vendor" and "Installation by State" as found in the solicitation or contract are completed

Interested Party: A person acting in their personal capacity or an entity entering into a contract or other agreement creating a legal interest therein

Invitation to Bid (ITB): See Solicitation

Late Solicitation Response: A solicitation response received after the Opening Date and Time

Mandatory: Required, compulsory, or obligatory

May: Discretionary, permitted; used to express possibility

Must: See Shall

National Institute for Governmental Purchasing (NIGP): National Institute of Governmental Purchasing – Source used for assignment of universal commodity codes to goods and services

Non-core: See Catalog

Non-Responsive Solicitation Response: Any bid that does not comply with the requirements of the solicitation or cannot be evaluated against the other bids

Nonnegotiable: These clauses are controlled by state law and are not subject to negotiation

Opening Date and Time: Specified date and time for the opening of received, labeled, and sealed formal solicitation responses

Outsourcing: The contracting out of a business process that an organization may have previously performed internally or for which an organization has a new need to an independent organization from which the process is purchased back

Payroll & Financial Center (PFC): Electronic procurement system of record

Performance Bond: An insurance agreement accompanied by a monetary commitment by which a third party (the surety) accepts liability and guarantees that the Vendor fulfills any and all obligations under the contract

Personal Property: See Commodities

Point of Contact (POC): The person designated to receive communications and to communicate

Product: Something that is distributed commercially for use or consumption and that is usually (1) tangible personal property, (2) the result of fabrication or processing, and (3) an item that has passed through a chain of commercial distribution before ultimate use or consumption

Project: The total scheme, program, or method worked out for the accomplishment of an objective, including all documentation, commodities, and services to be provided under the contract

Proposal: See Solicitation Response

Proprietary Information: Trade secrets, academic and scientific research work that is in progress and unpublished or other information that if released would give advantage to business competitors and service no public purpose. See Neb. Rev. Stat. § 84-712.05(3). In accordance with Attorney General Opinions 92068 and 97033, proof that information is proprietary requires identification of specific named competitor(s) advantaged by release of the information and the demonstrated advantage the named competitor(s) would gain by the release of information.

Protest/Grievance: A complaint about a governmental action or decision related to the solicitation or resultant contract under SPB's Protest Policy.

Quote: See Solicitation Response

Release Date: The date of public release of the solicitation

Renewal Period: Optional contract periods subsequent to the original Contract Period for a specified duration with previously agreed to terms and conditions; not to be confused with "Extension"

Responsible Bidder: A Vendor who has the capability in all respects to perform fully and lawfully all requirements with integrity and reliability to assure good faith performance

Responsive Bidder: A Vendor who has submitted a solicitation response which conforms to all requirements of the solicitation

Shall: An order/command; mandatory

Should: Expected; suggested, but not necessarily mandatory

Solicitation: A formal invitation to receive quotes in the form of a Request for Proposal or Invitation to Bid

Solicitation Response: An offer, quote, bid, or proposal submitted by a Vendor in response to a Solicitation

Specifications: The detailed statement, especially of the measurements, quality, materials, and functional characteristics, or other items to be provided under a contract

Subcontractor: Individual or entity with whom the Vendor enters a contract to perform a portion of the work awarded to the Vendor

Termination: Occurs when either Party, under a power created by agreement or law, puts an end to the contract prior to the stated expiration date; all obligations that are still executory on both sides are discharged but any right based on prior breach or performance survives

Third-Party: Any person or entity, including but not limited to fiduciaries, shareholders, owners, officers, managers, employees, legally disinterested persons, and subcontractors or agents, and their employees. It shall not include any entity or person who is an interested party to the contract or agreement

Trade Secret: Information, including but not limited to, a drawing, formula, pattern, compilation, program, device, method, technique, code, or process that (a) derives independent economic value, actual or potential, from not being known to, and not being ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; and (b) is the subject of efforts that are reasonable under the circumstances to maintain its secrecy (see Neb. Rev. Stat. § 87-502(4))

Trademark: A word, phrase, logo, or other graphic symbol used by a manufacturer or Vendor to distinguish its product from those of others, registered with the U.S. Patent and Trademark Office

Upgrade: Any change that improves or alters the basic function of a product of service

Vendor: An individual or entity lawfully conducting business with the State. or licensed to do so, who seeks to provide and contract for goods or services under the terms of a Solicitation and/or Contract.

Vendor Performance Report: A report completed by the using agency and submitted to State Purchasing Bureau documenting products or services delivered or performed which exceed or fail to meet the terms of the purchase order, contract, and/or solicitation specifications

Will: See Shall

Work Day: See Business Day

ACRONYM LIST

ACH – Automated Clearing House

ARO – After Receipt of Order

BAFO – Best and Final Offer

COI – Certificate of Insurance

DAS – Department of Administrative Services

F.O.B. – Free on Board

ITB – Invitation to Bid

NDOT – Nebraska Department of Transportation

NIGP – National Institute for Governmental Purchasing

PA – Participating Addendum

PCO – Procurement Contracts Officer

POC – Point of Contact

SPB – State Purchasing Bureau

I. PROCUREMENT PROCEDURE

A. GENERAL INFORMATION

This solicitation is designed to solicit responses from qualified bidders who will be responsible for providing Survey Equipment at a competitive and reasonable cost.

Solicitation responses shall conform to all instructions, conditions, and requirements included in the solicitation. Prospective bidders are expected to carefully examine all documents, schedules, and requirements in this solicitation, and respond to each requirement in the format prescribed. Solicitation responses may be found non-responsive if they do not conform to the solicitation.

B. PROCURING OFFICE AND COMMUNICATION WITH STATE STAFF AND EVALUATORS

Procurement responsibilities related to this solicitation reside with the State Purchasing Bureau. The point of contact (POC) for the procurement is as follows:

ITB Number: 121604 OR

Name: Brenda Sensibaugh, Procurement Contract Officer(s)

Agency: State Purchasing Bureau

Address: 1526 K Street, Suite 130
Lincoln, NE 68508

Telephone: 402-471-6500

E-Mail: as.materielpurchasing@nebraska.gov

From the date the solicitation is issued until the Intent to Award is issued, communication from the bidder is limited to the POC listed above. After the Intent to Award is issued, the Vendor may communicate with individuals the State has designated as responsible for negotiating the contract on behalf of the State. No member of the State Government, employee of the State, or member of the Evaluation Committee is empowered to make binding statements regarding this solicitation. The POC will issue any answers, clarifications, or amendments regarding this solicitation in writing. Only the SPB or awarding agency can award a contract. bidders shall not have any communication with or attempt to communicate or influence any evaluator involved in this solicitation.

The following exceptions to these restrictions are permitted:

1. Contact made pursuant to pre-existing contracts or obligations;
2. Contact required by the schedule of events or an event scheduled later by POC; and
3. Contact required for negotiation and execution of the final contract.

The State reserves the right to reject a Vendor's solicitation response, withdraw an Intent to Award, or terminate a contract if the State determines there has been a violation of these procurement procedures.

C. SCHEDULE OF EVENTS

The State expects to adhere to the procurement schedule shown below, but all dates are approximate and subject to change.

NOTE: All ShareFile links in the Schedule of Events below, are unique links for each schedule step. Please click the correct link for the upload step you are requesting.

ACTIVITY		DATE/TIME
1.	Release solicitation	April 11, 2025
2.	Last day to submit written questions after Solicitation Conference ShareFile link for uploading questions: https://nebraska.sharefile.com/r-rfbb19bb33d8c4ad58846dd4698cd60c2	April 28, 2025
3.	State responds to written questions through a solicitation "Addendum" to be posted to the Internet at: https://das.nebraska.gov/materiel/bidopps.html	May 1, 2025
4.	<p>Bid Opening – Online via Webex Meeting</p> <p>IT IS THE BIDDER'S RESPONSIBILITY TO UPLOAD ELECTRONIC FILES BY THE OPENING DATE AND TIME. EXCEPTIONS WILL NOT BE MADE FOR TECHNOLOGY ISSUES.</p> <p>ShareFile Electronic Solicitation Response submissions Link: https://nebraska.sharefile.com/r-redad14a9f89a48f1ae296d03db4c59d3</p> <p>Join Webex Meeting</p> <p>Join from the meeting link https://sonvideo.webex.com/sonvideo/j.php?MTID=m053da97550</p> <p>Join by meeting number Meeting number (access code): 2495 167 9076 Meeting password: FPrPHJ2AR87</p> <p>Tap to join from a mobile device (attendees only) +1-408-418-9388, 24951679076### United States Toll</p> <p>Join by phone +1-408-418-9388 United States Toll Global call-in numbers Join from a video system or application Dial 24951679076@sonvideo.webex.com You can also dial 173.243.2.68 and enter your meeting number.</p>	<p>May 14, 2025 2:00 PM Central Time</p>
5.	Post "Intent to Award" to Internet at: http://das.nebraska.gov/materiel/purchasing.html	TBD

D. WRITTEN QUESTIONS AND ANSWERS

Questions regarding the meaning or interpretation of any solicitation provision must be submitted in writing to SPB and clearly marked "Solicitation Number 121604 OR Survey Equipment Questions". POC is not obligated to respond to questions that are received late per the Schedule of Events.

Bidders should submit questions for any items upon which assumptions may be made when preparing a response to the solicitation. Any solicitation response containing assumptions may be deemed non-responsive and may be rejected by the State. Solicitation responses will be evaluated without consideration of any known or unknown assumptions of a bidder. The contract will not incorporate any known or unknown assumptions of a bidder.

Questions should be uploaded using the ShareFile link provided in the Schedule of Events, Section I.C. It is recommended that Vendors submit questions using the following format.

Solicitation Reference	Section	Solicitation Page Number	Question

Written answers will be posted at <https://das.nebraska.gov/materiel/bidopps.html> per the Schedule of Events.

E. SECRETARY OF STATE/TAX COMMISSIONER REGISTRATION REQUIREMENTS (Nonnegotiable)

All Bidders must be authorized to transact business in the State of Nebraska and comply with all Nebraska Secretary of State Registration requirements. The Bidder who is the recipient of an Intent to Award may be required to certify that it has complied and produce a true and exact copy of its current (within ninety (90) calendar days of the intent to award) Certificate or Letter of Good Standing, or in the case of a sole proprietorship, provide written documentation of sole proprietorship and the United States Citizenship Attestation Form, available on the DAS website at: <https://das.nebraska.gov/materiel/docs/pdf/Individual%20or%20Sole%20Proprietor%20United%20States%20Attestation%20Form%20English%20and%20Spanish.pdf>. This should be accomplished prior to execution of the contract.

F. ETHICS IN PUBLIC CONTRACTING

The State reserves the right to reject solicitation responses, withdraw an intent to award or award, or terminate a contract if an ethical violation has been committed, which includes, but is not limited to:

1. Offering or giving, directly or indirectly, a bribe, fee, commission, compensation, gift, gratuity, or anything of value to any person or entity in an attempt to influence the bidding process;
2. Utilizing the services of lobbyists, attorneys, political activists, or consultants to influence or subvert the bidding process;
3. Being considered for, presently being, or becoming debarred, suspended, ineligible, or excluded from contracting with any state or federal entity;
4. Submitting a solicitation response on behalf of another Party or entity; and
5. Colluding with any person or entity to influence the bidding process, submit sham proposals, preclude bidding, fix pricing or costs, create an unfair advantage, subvert the solicitation response, or prejudice the State.

The bidder shall include this clause in any subcontract entered into for the exclusive purpose of performing this contract.

Bidder shall have an affirmative duty to report any violations of this clause by the bidder throughout the bidding process and throughout the term of this contract for the awarded bidder and their subcontractors.

G. DEVIATIONS FROM THE SOLICITATION

The requirements contained in the solicitation (Sections II through V) become a part of the terms and conditions of the contract resulting from this solicitation. Any deviations from the solicitation in Sections II through V must be clearly defined by the bidder in its solicitation response and, if accepted by the State, will become part of the contract. Any specifically defined deviations must not be in conflict with the basic nature of the solicitation, solicitation requirements, or applicable state or federal laws or statutes. "Deviation", for the purposes of this solicitation, means any proposed changes or alterations to either the contractual language or deliverables within the scope of this solicitation. The State discourages deviations and reserves the right to reject proposed deviations.

H. SUBMISSION OF SOLICITATION RESPONSES

The State is only accepting electronic responses submitted in accordance with this solicitation. The State will not accept bids by mail, email, voice, or telephone, unless otherwise explicitly stated in writing by the State.

Pages may be consecutively numbered for the entire solicitation response or may be numbered consecutively within sections. Figures and tables should be numbered and referenced in the text by that number. They should be placed as close as possible to the referencing text.

It is the bidder's responsibility to ensure the solicitation response is received electronically by the date and time indicated in the Schedule of Events. Solicitation Responses must be submitted via ShareFile by the date and time of the opening per the Schedule of Events. No late solicitation responses will be accepted.

It is the responsibility of the bidder to check the website for all information relevant to this solicitation to include addenda and/or amendments issued prior to the opening date. The website can be found here: <https://das.nebraska.gov/materiel/bidopps.html>.

Emphasis should be concentrated on conformance to the solicitation instructions, responsiveness to requirements, completeness, and clarity of content. If the solicitation response is presented in such a fashion that makes evaluation difficult or overly time consuming the State reserves the right to reject the solicitation response as non-conforming.

The ShareFile link for uploading Solicitation Response(s) is provided in the Schedule of Events, Section I.C.

*****UNLESS OTHERWISE NOTED, DO NOT SUBMIT DOCUMENTS
THAT CAN ONLY BE ACCESSED WITH A PASSWORD*****

1. Bidders must submit responses via ShareFile using the solicitation submission link.

Note: Not all browsers are compatible with ShareFile. Currently Google Chrome, Internet Explorer, Microsoft Edge, Safari, and Firefox are compatible. After the bidder clicks the solicitation submission link, the bidder will be prompted to enter contact information including an e-mail address. By entering an e-mail address, the bidder should receive a confirmation email confirming the successful upload directly from ShareFile.

ShareFile link for uploading solicitation response(s) provided in the Schedule of Events, Section I.C.

- a. The Solicitation response and Proprietary information should be uploaded as separate and distinct files.
 - i. If duplicated responses are submitted, the State will retain only the most recently submitted response.
 - ii. If it is the bidder's intent to submit multiple responses, the bidder must clearly identify the separate submissions.
 - iii. It is the bidder's responsibility to allow time for electronic uploading. All file uploads must be completed by the Opening date and time per the Schedule of Events. No late responses will be accepted.

b. ELECTRONIC SOLICITATION RESPONSE FILE NAMES

The bidder should clearly identify the uploaded solicitation response files. To assist in identification the bidder should use the following naming convention:

- i. 121604 OR, Company Name

If multiple files are submitted for one solicitation response, add number of files to file names:

121604 OR Company Name File 1 of 2.

121604 OR Company Name File 2 of 2.

- ii. If multiple responses are submitted for the same solicitation, add the response number to the file names:

121604 OR Company Name Response 1 File 1 of 2.

The "Contractual Agreement Form" must be signed manually in ink or by DocuSign and returned by the opening date and time along with the bidder's solicitation response and any other requirements as stated in this solicitation in order for the bidder's solicitation response to be evaluated.

By signing this Contractual Agreement Form, the bidder guarantees compliance with the provisions stated in this solicitation and agrees to the terms and conditions unless otherwise indicated in writing.

I. SOLICITATION PREPARATION COSTS

The State shall not incur any liability for any costs incurred by bidders in replying to this solicitation, including any activity related to bidding on this solicitation.

J. FAILURE TO COMPLY WITH SOLICITATION

Violation of the terms and conditions contained in this solicitation or any resultant contract, at any time before or after the award, shall be grounds for action by the State which may include, but is not limited to, the following:

1. Rejection of a bidder's solicitation response,
2. Withdrawal of the Intent to Award,
3. Withdrawal of the Award,
4. Negative documentation regarding Vendor Performance,
5. Termination of the resulting contract,
6. Legal action; and
7. Suspension or Debarment of the bidder from further bidding with the State for the period of time relative to the seriousness of the violation. Such period to be within the sole discretion of the State.

K. SOLICITATION RESPONSE CORRECTIONS

A bidder may correct a mistake in an electronically submitted solicitation response prior to the time of opening by uploading a revised and completed solicitation response.

1. If a corrected electronic solicitation response is submitted, the file name(s) date/time stamped with latest date/time stamp will be accepted. The corrected solicitation response file name(s) should be identified as:
 - a. Corrected 121604 OR Company Name Response #1 File 1 of 2,
 - b. Corrected 121604 OR Company Name Response #2 File 2 of 2, etc.

Changing a solicitation response after opening may be permitted if the change is made to correct a minor error that does not affect price, quantity, quality, delivery, or contractual conditions. In case of a mathematical error in extension of price, unit price shall govern.

L. LATE SOLICITATION RESPONSES

Solicitation Responses received after the time and date of the opening will be considered late responses. Late responses will be considered non-responsive. The State is not responsible for responses that are late or lost regardless of cause or fault.

M. BID OPENING

The opening will consist of opening solicitation responses and announcing the names of bidders. Responses WILL NOT be available for viewing by those present at the opening. Responses will be posted to the State Purchasing Bureau website once an Intent to Award has been posted to the website. Once responses are opened, they become the property of the State of Nebraska and will not be returned.

N. SOLICITATION REQUIREMENTS

The bids will first be examined to determine if all requirements listed below have been addressed and whether further evaluation is warranted. Bids not meeting the requirements may be rejected as non-responsive. The requirements are as follows:

1. Original Contractual Agreement Form signed manually in ink or by DocuSign;
2. Clarity and responsiveness;
3. Completed Sections II through V;
4. Completed Cost Sheet.

O. EVALUATION COMMITTEE

Solicitation Responses are evaluated by members of an Evaluation Committee(s). The Evaluation Committee(s) will consist of individuals selected at the discretion of the State. Names of the members of the Evaluation Committee(s) will not be published prior to the intent to award.

Any contact, attempted contact, or attempt to influence an evaluator that is involved with this Solicitation may result in the rejection of this response and further administrative actions.

P. EVALUATION OF SOLICITATION RESPONSES

All solicitation responses that are deemed responsive to the solicitation will be evaluated based on the following:

Neb. Rev. Stat. § 73-808 allows the State to consider a variety of factors, including, but not limited to, the quality of performance of previous contracts to be considered when evaluating responses to competitive solicitations in determining a responsible bidder. Information obtained from any Contract Compliance Request or any Contract Non-Compliance Notice (See Terms & Conditions, Section I.H.I.H) may be used in evaluating responses to solicitations for goods and services to determine the best value for the State.

Neb. Rev. Stat. § 73-107 allows for a preference for a resident disabled veteran or business located in a designated enterprise zone. When a state contract is to be awarded to the lowest responsible Vendor, a resident disabled veteran or a business located in a designated enterprise zone under the Enterprise Zone Act shall be allowed a preference over any other resident or nonresident Vendor, if all other factors are equal.

Resident disabled veterans means any person (a) who resides in the State of Nebraska, who served in the United States Armed Forces, including any reserve component or the National Guard, who was discharged or otherwise separated with a characterization of honorable or general (under honorable conditions), and who possesses a disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense and (b)(i) who owns and controls a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection and (ii) the management and daily business operations of the business are controlled by one or more persons described in subdivision(a) of this subsection. Any contract entered into without compliance with this section shall be null and void.

Therefore, if a resident disabled veteran or business located in a designated enterprise zone submits a solicitation response in accordance with Neb. Rev. Stat. § 73-107 and has so indicated on the "Contractual Agreement Form" under "Vendor must complete the following" requesting priority/preference to be considered in the award of this contract, the following will need to be submitted by the Vendor within ten (10) business days of request:

1. Documentation from the United States Armed Forces confirming service,
2. Documentation of discharge or otherwise separated characterization of honorable or general (under honorable conditions),
3. Disability rating letter issued by the United States Department of Veterans Affairs establishing a service-connected disability or a disability determination from the United States Department of Defense; and
4. Documentation which shows ownership and control of a business or, in the case of a publicly owned business, more than fifty percent of the stock is owned by one or more persons described in subdivision (a) of this subsection; and the management and daily business operations of the business are controlled by one or more persons described in subdivision (a) of this subsection.

Failure to submit the requested documentation within ten (10) business days of notice will disqualify the Vendor from consideration of the preference.

Q. BEST AND FINAL OFFER

Each bidder should provide its best offer with their original solicitation response and should not expect the State to request a best and final offer (BAFO).

The State reserves the right to conduct more than one. If requested by the State, the BAFO must be submitted on the BAFO Cost Sheet and in accordance with the State's instructions. Failure to submit a requested BAFO or failure to submit a BAFO in accordance with the State's instructions may result in rejection of the bidder's entire solicitation response. BAFOs may be scored and ranked by the Evaluation Committee.

R. REFERENCE AND CREDIT CHECKS

The State reserves the right to conduct and consider reference and credit checks. The State reserves the right to use third parties to conduct reference and credit checks. By submitting a response to this solicitation, the bidder grants to the State the right to contact or arrange a visit in person with any or all of the bidder's clients. Reference and credit checks may be grounds to reject a solicitation response, withdraw an intent to award, or rescind the award of a contract.

S. AWARD

The State reserves the right to evaluate solicitation responses and award contracts in a manner using criteria selected at the State's discretion and in the State's best interest. After evaluation of the bids, or at any point in the solicitation process, the State of Nebraska may take one or more of the following actions:

1. Amend the solicitation;
2. Extend the date and time of an opening;
3. Waive deviations or errors in the State's solicitation process and in bidder responses that are not material, do not compromise the solicitation process or a bidder's response, and do not improve a Vendor's competitive position;
4. Accept or reject a portion of or all of a solicitation response;
5. Accept or reject all responses;
6. Withdraw the solicitation;
7. Elect to re-release the solicitation;
8. Award single lines or multiple lines to one or more Vendors; or,
9. Award one or more all-inclusive contracts.

The State of Nebraska may consider, but is not limited to considering, one or more of the following award criteria:

1. Price;
2. Location;
3. Quality;
4. Delivery time;
5. Vendor qualifications and capabilities; and
6. State contract management requirements and/or costs.

The solicitation does not commit the State to award a contract. Once intent to award decision has been determined, it will be posted to the internet at: <https://das.nebraska.gov/materiel/bidopps.html>

Any protests must be filed by a bidder within ten (10) business days after the intent to award decision is posted to the internet. Grievance and protest procedure is available on the internet at: https://das.nebraska.gov/materiel/docs/NE_DAS_Materiel_Purchasing_Agency-SPB_Policy_23_07_Protest_Policy.pdf

T. LUMP SUM OR "ALL OR NONE" SOLICITATION RESPONSES

The State reserves the right to purchase item-by-item, by groups or as a total when the State may benefit by so doing. Bidders may submit a response on an "all or none" or "lump sum" basis but should also submit a response on an item-by-item basis. The term "all or none" means a conditional response which requires the purchase of all items on which responses are offered and bidder declines to accept award on individual items; a "lump sum" response is one in which the bidder offers a lower price than the sum of the individual responses if all items are purchased but agrees to deliver individual items at the prices quoted.

"LUMP SUM" OR "ALL OR NONE" RESPONSES SHOULD BE CLEARLY IDENTIFIED ON THE FIRST PAGE OF THE SOLICITATION AND COST SHEET

U. REJECTION OF SOLICITATION RESPONSES

The State reserves the right to reject any or all responses, wholly or in part, in the best interest of the State.

V. PRICES & COST CLARIFICATION

Discount and Price provisions are discussed in Sections III.F. and III.G. The State reserves the right to review all aspects of cost for reasonableness and realism as those terms are defined in (Neb. Rev. Stat. § 73-810 (1) (a) and (b) The State may request clarification of any solicitation where the cost component indicates a significant and unsupported deviation from industry standards or in areas where detailed pricing is required. Under Neb. Rev. Stat. § 73-810 (2), the State may reject a bid if the price is not reasonable or realistic.

W. SPECIFICATIONS

Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for reference and not intended to limit competition but will be used as the standard by which equivalent material offered will be judged. The Materiel Administrator or his or her designee will be the sole judge of equivalency. The Vendor may offer any brands which meets or exceeds the specification. When a specific product is required, the solicitation will so state. Any item within the solicitation response is to be the latest current model under standard production at the time of order. No used or refurbished equipment will be accepted, unless otherwise stated.

X. CORE LIST AND CATALOG/NON-CORE

The State of Nebraska intends to enter into a Contract(s) for state agencies and/or facilities. The contract(s) will be for a list of common use items identified as a Core List and additional items identified as a Catalog/Non-Core List. Catalog/Non-Core List items shall be represented by a catalog or current manufacturer price list(s) containing items not called out in the Core List, as shown in Attachment A Cost Sheet.

1. The State intends to enter into a Contract for GPS Survey and Mapping Equipment for NDOT agencies and/or facilities. The contract(s) will be for a list of common use items identified as a Core List and additional items identified as a Catalog/Non-Core

List. Catalog/Non-Core List items shall be represented by a catalog or current manufacturer price list(s) containing items not called out in the Core List.

2. The Core List shall contain the most repetitively purchased items and will represent those products which the State wishes to establish as standard items based upon their value to the State in terms of quality and price. The Core List shall be subject to a greater discount than the Catalog/Non-Core item list. The State will not accept substitutions on the products listed on the Core List.
3. The Core List identifies the most commonly purchased items but is not a complete list of items purchased by the State, nor does it guarantee future purchase of these products. The State reserves the right to remove items from the Core Item list based on usage.
4. Catalog/Non-Core List items are defined as those additional items available from the Vendor not listed as part of the Core List. Prices for Catalog/Non-Core items shall be determined by applying the quoted discount for the item(s)/category to the manufacturer's current catalog or manufacturer price list(s). The discount percentage for the Catalog/Non-Core items shall remain firm for the duration of the contract period.
5. All items not included on the Core List shall be considered Catalog/Non-Core Items.
6. At the request of the State Purchasing Bureau, the Vendor shall block availability on certain Catalog/Non-Core items as identified by State Purchasing Bureau (i.e. printing, weapons, furniture, vehicles, micrographic equipment/copiers, mail equipment and office supplies).

Y. ALTERNATE/EQUIVALENT SOLICITATION RESPONSES

Vendor may offer solicitation responses which are at variance from the express specifications of the solicitation. The State reserves the right to consider and accept such responses if, in the judgment of SPB, the response will result in goods and/or services equivalent to or better than those which would be supplied in the original solicitation specifications. Vendor must indicate on the solicitation the manufacturer's name, number and shall submit with their response, sketches, descriptive literature and/or complete specifications. Reference to literature submitted with a previous response will not satisfy this provision. Responses which do not comply with these requirements are subject to rejection. In the absence of any stated deviation or exception, the response will be accepted as in strict compliance with all terms, conditions and specification, and the Vendor shall be held liable therefore.

Z. SOLICITATION TABULATIONS

Solicitation tabulations are available on the website at: <https://das.nebraska.gov/materiel/bidopps.html>.

II. TERMS AND CONDITIONS

Bidder should read the Terms and Conditions within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Terms and Conditions Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

- 1. The specific clause, including section reference, to which an exception has been taken;
- 2. An explanation of why the bidder took exception to the clause; and
- 3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Terms and Conditions Within Section as Written (Initial)	Exceptions Taken to Terms and Conditions Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
CW		

The bidders should submit with their solicitation response any license, user agreement, service level agreement, or similar documents that the bidder wants incorporated in the Contract. Upon notice of Intent to Award, the Vendor must submit a copy of these documents in an editable Word format. The State will not consider incorporation of any document not submitted with the solicitation response. These documents shall be subject to negotiation and will be incorporated as addendums if agreed to by the Parties.

If a conflict or ambiguity arises after the Addendum to Contract Award has been negotiated and agreed to, the Addendum to Contract Award shall be interpreted as follows:

- 1. If only one (1) Party has a particular clause, then that clause shall control;
- 2. If both Parties have a similar clause, but the clauses do not conflict, the clauses shall be read together;
- 3. If both Parties have a similar clause, but the clauses conflict, the State’s clause shall control.

A. GENERAL

- 1. The contract resulting from this solicitation shall incorporate the following documents:
 - a. Solicitation including any attachments and addenda;
 - b. Questions and Answers;
 - c. Bidder’s properly submitted solicitation response, including any terms and conditions or agreements submitted by the bidder;
 - d. Addendum to Contract Award; and
 - e. Amendments to the Contract.

These documents constitute the entirety of the contract.

Unless otherwise specifically stated in a future contract amendment, in case of any conflict between the incorporated documents, the documents shall govern in the following order of preference with number one (1) receiving preference over all other documents and with each lower numbered document having preference over any higher numbered document: 1) Amendment to the executed Contract with the most recent dated amendment having the highest priority, 2) Executed Contract and any attached Addenda 3) Addendums to the solicitation and any Questions and Answers, 4) the original solicitation document and any Addenda or attachments, and 5) the Vendor’s submitted solicitation response, including any terms and conditions or agreements that are accepted by the State.

Unless otherwise specifically agreed to in writing by the State, the State’s standard terms and conditions, as executed by the State, shall always control over any terms and conditions or agreements submitted or included by the Vendor.

Any ambiguity or conflict in the contract discovered after its execution, not otherwise addressed herein, shall be resolved in accordance with the rules of contract interpretation as established in the State of Nebraska.

B. NOTIFICATION

Bidder and State shall identify the contract manager who shall serve as the point of contact for the executed contract.

Communications regarding the executed contract shall be in writing and shall be deemed to have been given if delivered personally; electronically, return receipt requested; or mailed, return receipt requested. All notices, requests, or communications shall be deemed effective upon receipt.

Either party may change its address for notification purposes by giving notice of the change and setting forth the new address and an effective date.

C. BUYER'S REPRESENTATIVE

The State reserves the right to appoint a Buyer's Representative to manage or assist the Buyer in managing the contract on behalf of the State. The Buyer's Representative will be appointed in writing, and the appointment document will specify the extent of the Buyer's Representative authority and responsibilities. If a Buyer's Representative is appointed, the bidder will be provided a copy of the appointment document and is expected to cooperate accordingly with the Buyer's Representative. The Buyer's Representative has no authority to bind the State to a contract, amendment, addendum, or other change or addition to the contract.

D. GOVERNING LAW (Nonnegotiable)

Notwithstanding any other provision of this contract, or any amendment or addendum(s) entered into contemporaneously or at a later time, the parties understand and agree that, (1) the State of Nebraska is a sovereign state and its authority to contract is therefore subject to limitation by the State's Constitution, statutes, common law, and regulation; (2) this contract will be interpreted and enforced under the laws of the State of Nebraska; (3) any action to enforce the provisions of this contract must be brought in the State of Nebraska per state law; (4) the person signing this contract on behalf of the State of Nebraska does not have the authority to waive the State's sovereign immunity, statutes, common law, or regulations; (5) the indemnity, limitation of liability, remedy, and other similar provisions of the final contract, if any, are entered into subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity; and, (6) all terms and conditions of the final contract, including but not limited to the clauses concerning third-party use, licenses, warranties, limitations of liability, governing law and venue, usage verification, indemnity, liability, remedy or other similar provisions of the final contract are entered into specifically subject to the State's Constitution, statutes, common law, regulations, and sovereign immunity.

The Parties must comply with all applicable local, state, and federal laws, ordinances, rules, orders, and regulations.

E. BEGINNING OF WORK & SUSPENSION OF SERVICES

The bidder shall not commence any billable work until a valid contract has been fully executed by the State and the successful Vendor. The Vendor will be notified in writing when work may begin.

The State may, at any time and without advance notice, require the Vendor to suspend any or all performance or deliverables provided under this Contract. In the event of such suspension, the Contract Manager or POC, or their designee, will issue a written order to stop work. The written order will specify which activities are to be immediately suspended and the reason(s) for the suspension. Upon receipt of such order, the Vendor shall immediately comply with its terms and take all necessary steps to mitigate and eliminate the incurrence of costs allocable to the work affected by the order during the period of suspension. The suspended performance or deliverables may only resume when the State provides the Vendor with written notice that such performance or deliverables may resume, in whole or in part.

F. AMENDMENT

This Contract may be amended in writing, within scope, upon the agreement of both parties.

G. CHANGE ORDERS OR SUBSTITUTIONS

Vendor will not substitute any item that has been awarded without prior written approval of NDOT.

H. RECORD OF VENDOR PERFORMANCE

The State may document the vendor's performance, which may include, but is not limited to, the customer service provided by the vendor, the ability of the vendor, the skill of the vendor, and any instance(s) of products or services delivered or performed which fail to meet the terms of the purchase order, contract, and/or Solicitation specifications. In addition to other remedies and options available to the State, the State may issue one or more notices to the vendor outlining any issues the State has regarding the vendor's performance for a specific contract ("Contract Compliance Request"). The State may also document the Vendor's performance in a report, which may or may not be provided to the vendor ("Contract Non-Compliance Notice"). The Vendor shall respond to any Contract Compliance Request or Contract Non-Compliance Notice in accordance with such notice or request. At the sole discretion of the State, such Contract Compliance Requests and Contract Non-Compliance Notices may be placed in the State's records regarding the vendor and may be considered by the State and held against the vendor in any future contract or award opportunity. The record of vendor performance will be considered in any suspension or debarment action.

I. NOTICE OF POTENTIAL VENDOR BREACH

If Vendor breaches the contract or anticipates breaching the contract, the Vendor shall immediately give written notice to the State. The notice shall explain the breach or potential breach, a proposed cure, and may include a request for a waiver of the breach if so desired. The State may, in its discretion, temporarily or permanently waive the breach. By granting a waiver, the State does not forfeit any rights or remedies to which the State is entitled by law or equity, or pursuant to the provisions of the contract. Failure to give immediate notice, however, may be grounds for denial of any request for a waiver of a breach.

J. BREACH

Either Party may terminate the contract, in whole or in part, if the other Party breaches its duty to perform its obligations under the contract in a timely and proper manner. Termination requires written notice of default and a thirty (30) calendar day (or longer at the non-breaching Party's discretion considering the gravity and nature of the default) cure period. Said notice shall be delivered by email, delivery receipt requested; certified mail, return receipt requested; or in person with proof of delivery. Allowing time to cure a failure or breach of contract does not waive the right to immediately terminate the contract for the same or different contract breach which may occur at a different time.

In case of breach by the Vendor, the State may, without unreasonable delay, make a good faith effort to make a reasonable purchase or contract to purchase goods in substitution of those due from the Vendor. The State may recover from the Vendor as damages the difference between the costs of covering the breach. Notwithstanding any clause to the contrary, the State may also recover the

contract price together with any incidental or consequential damages defined in UCC Section 2-715, but less expenses saved in consequence of Vendor's breach. OR In case of default of the Vendor, the State may contract the service from other sources and hold the Vendor responsible for any excess cost occasioned thereby.

The State's failure to make payment shall not be a breach, and the Vendor shall retain all available statutory remedies.

K. NON-WAIVER OF BREACH

The acceptance of late performance with or without objection or reservation by a Party shall not waive any rights of the Party nor constitute a waiver of the requirement of timely performance of any obligations remaining to be performed.

L. SEVERABILITY

If any term or condition of the contract is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and conditions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the contract did not contain the provision held to be invalid or illegal.

M. INDEMNIFICATION

1. GENERAL

The Vendor agrees to defend, indemnify, and hold harmless the State and its employees, volunteers, agents, and its elected and appointed officials ("the indemnified parties") from and against any and all claims, liens, demands, damages, liability, actions, causes of action, losses, judgments, costs, and expenses of every nature, including investigation costs and expenses, settlement costs, and attorney fees and expenses ("the claims"), sustained or asserted against the State for personal injury, death, or property loss or damage, arising out of, resulting from, or attributable to the willful misconduct, negligence, error, or omission of the Vendor, its employees, subcontractors, consultants, representatives, and agents, resulting from this contract, except to the extent such Vendor liability is attenuated by any action of the State which directly and proximately contributed to the claims.

2. INTELLECTUAL PROPERTY

The Vendor agrees it will, at its sole cost and expense, defend, indemnify, and hold harmless the indemnified parties from and against any and all claims, to the extent such claims arise out of, result from, or are attributable to, the actual or alleged infringement or misappropriation of any patent, copyright, trade secret, trademark, or confidential information of any third party by the Vendor or its employees, subcontractors, consultants, representatives, and agents; provided, however, the State gives the Vendor prompt notice in writing of the claim. The Vendor may not settle any infringement claim that will affect the State's use of the Licensed Software without the State's prior written consent, which consent may be withheld for any reason.

If a judgment or settlement is obtained or reasonably anticipated against the State's use of any intellectual property for which the Vendor has indemnified the State, the Vendor shall, at the Vendor's sole cost and expense, promptly modify the item or items which were determined to be infringing, acquire a license or licenses on the State's behalf to provide the necessary rights to the State to eliminate the infringement, or provide the State with a non-infringing substitute that provides the State the same functionality. At the State's election, the actual or anticipated judgment may be treated as a breach of warranty by the Vendor, and the State may receive the remedies provided under this solicitation.

3. PERSONNEL

The Vendor shall, at its expense, indemnify and hold harmless the indemnified parties from and against any claim with respect to withholding taxes, worker's compensation, employee benefits, or any other claim, demand, liability, damage, or loss of any nature relating to any of the personnel, including subcontractors and their employees, provided by the Vendor.

4. SELF-INSURANCE (Statutory)

The State is self-insured for any loss and purchases excess insurance coverage pursuant to Neb. Rev. Stat. § 81-8,239.01. If there is a presumed loss under the provisions of this contract, Vendor may file a claim with the Office of Risk Management pursuant to Neb. Rev. Stat. §§ 81-8,829 through 81-8,306 for review by the State Claims Board. The State retains all rights and immunities under the State Miscellaneous (§ 81-8,294), Tort (§ 81-8,209), and Contract Claim Acts (§ 81-8,302), as outlined in Neb. Rev. Stat. § 81-8,209 et seq. and under any other provisions of law and accepts liability under this contract to the extent provided by law.

5. The Parties acknowledge that Attorney General for the State is required by statute to represent the legal interests of the State, and that any provision of this indemnity clause is subject to the statutory authority of the Attorney General.

N. ASSIGNMENT, SALE, OR MERGER

Either Party may assign the contract upon mutual written agreement of the other Party. Such agreement shall not be unreasonably withheld.

The Vendor retains the right to enter into a sale, merger, acquisition, internal reorganization, or similar transaction involving Vendor's business. Vendor agrees to cooperate with the State in executing amendments to the contract to allow for the transaction. If a third party or entity is involved in the transaction, the Vendor will remain responsible for performance of the contract until such time as the person or entity involved in the transaction agrees in writing to be contractually bound by this contract and perform all obligations of the contract.

O. CONTRACTING WITH OTHER POLITICAL SUBDIVISIONS OF THE STATE OR ANOTHER STATE

The Vendor may, but shall not be required to, allow agencies, as defined in Neb. Rev. Stat. § 81-145(2), to use this contract. The terms and conditions, including price, of the contract may not be amended. The State shall not be contractually obligated or liable for

any contract entered into pursuant to this clause. A listing of Nebraska political subdivisions may be found at the website of the Nebraska Auditor of Public Accounts.

The Vendor may, but shall not be required to, allow other states, agencies or divisions of other states, or political subdivisions of other states to use this contract. The terms and conditions, including price, of this contract shall apply to any such contract, but may be amended upon mutual consent of the Parties. The State of Nebraska shall not be contractually or otherwise obligated or liable under any contract entered into pursuant to this clause. The State shall be notified if a contract is executed based upon this contract.

P. FORCE MAJEURE

Neither Party shall be liable for any costs or damages, or for default resulting from its inability to perform any of its obligations under the contract due to an unforeseeable natural or man-made event outside the control and not the fault of the affected Party ("Force Majeure Event"). The Party so affected shall immediately make a written request for relief to the other Party and shall have the burden of proof to justify the request. The other Party may grant the relief requested; relief may not be unreasonably withheld. Labor disputes with the impacted Party's own employees will not be considered a Force Majeure Event.

Q. CONFIDENTIALITY

All materials and information provided by the Parties or acquired by a Party on behalf of the other Party shall be regarded as confidential information. All materials and information provided or acquired shall be handled in accordance with federal and state law, and ethical standards. Should said confidentiality be breached by a Party, the Party shall notify the other Party immediately of said breach and take immediate corrective action.

It is incumbent upon the Parties to inform their officers and employees of the penalties for improper disclosure imposed by the Privacy Act of 1974, 5 U.S.C. 552a. Specifically, 5 U.S.C. 552a (i)(1), which is made applicable by 5 U.S.C. 552a (m)(1), provides that any officer or employee, who by virtue of his/her employment or official position has possession of or access to agency records which contain individually identifiable information, the disclosure of which is prohibited by the Privacy Act or regulations established thereunder, and who knowing that disclosure of the specific material is prohibited, willfully discloses the material in any manner to any person or agency not entitled to receive it, shall be guilty of a misdemeanor and fined not more than \$5,000.

R. EARLY TERMINATION

The contract may be terminated as follows:

1. The State and the Vendor, by mutual written agreement, may terminate the contract at any time.
2. The State, at its sole discretion, may terminate the contract for any reason upon thirty (30) calendar days' written notice shall be delivered by email, delivery receipt requested; certified mail, return receipt requested; or in person with proof of delivery to the Vendor. Such termination shall not relieve the Vendor of warranty or other service obligations incurred under the terms of the contract. In the event of termination, the Vendor shall be entitled to payment, determined on a pro rata basis, for products or services satisfactorily performed or provided.
3. The State may terminate the contract immediately for the following reasons:
 1. if directed to do so by statute;
 2. Vendor has made an assignment for the benefit of creditors, has admitted in writing its inability to pay debts as they mature, or has ceased operating in the normal course of business;
 3. a trustee or receiver of the Vendor or of any substantial part of the Vendor's assets has been appointed by a court;
 4. fraud, misappropriation, embezzlement, malfeasance, misfeasance, or illegal conduct pertaining to performance under the contract by its Vendor, its employees, officers, directors, or shareholders;
 5. an involuntary proceeding has been commenced by any party against the Vendor under any one of the chapters of Title 11 of the United States Code and (i) the proceeding has been pending for at least sixty (60) calendar days; or (ii) the Vendor has consented, either expressly or by operation of law, to the entry of an order for relief; or (iii) the Vendor has been decreed or adjudged a debtor;
 6. a voluntary petition has been filed by the Vendor under any of the chapters of Title 11 of the United States Code;
 7. Vendor intentionally discloses confidential information;
 8. Vendor has or announces it will discontinue support of the deliverable; and,
 9. In the event funding is no longer available.

S. CONTRACT CLOSEOUT

Upon termination of the contract for any reason the Vendor shall within thirty (30) days, unless stated otherwise herein:

1. Transfer all completed or partially completed deliverables to the State,
2. Transfer ownership and title to all completed or partially completed deliverables to the State,
3. Return to the State all information and data unless the Vendor is permitted to keep the information or data by contract or rule of law. Vendor may retain one copy of any information or data as required to comply with applicable work product documentation standards or as are automatically retained in the course of Vendor's routine back up procedures,
4. Cooperate with any successor Contactor, person, or entity in the assumption of any or all of the obligations of this contract,
5. Cooperate with any successor Contactor, person, or entity with the transfer of information or data related to this contract,
6. Return or vacate any state owned real or personal property; and,
7. Return all data in a mutually acceptable format and manner.

Nothing in this section should be construed to require the Vendor to surrender intellectual property, real or personal property, or information or data owned by the Vendor for which the State has no legal claim.

T. PROHIBITED PRODUCTS

The State will not accept Gray Market Products for this solicitation. Gray Market is defined as the trade of a commodity through distribution channels which, while legal, are unofficial, unauthorized, or unintended by the original manufacturer. Gray Market items are not designed to be sold in a particular market and cannot be supported by the authorized importer because of various reasons.

The State will not accept any products made by a company owned by the Chinese Communist Party. Furthermore, pursuant to Executive Order No. 23-05, the State will not accept any communications equipment or services developed by organizations on the Federal Communications Commission’s Covered List.

The State will not accept goods from countries or persons identified on the Office of Foreign Assets Control Sanctions List.

U. AMERICANS WITH DISABILITIES ACT

Vendor shall comply with all applicable provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12131–12134), as amended by the ADA Amendments Act of 2008 (ADA Amendments Act) (Pub.L. 110–325, 122 Stat. 3553 (2008)), which prohibits discrimination on the basis of disability by public entities.

V. ACCEPTABLE GOODS

All products proposed shall be of the latest manufacture in production as of the date of the solicitation and be of proven performance and under standard design complete as regularly advertised and marketed and shall be delivered complete with all necessary parts, specified accessories, tools, and special features.

Used, demonstrator, prototype, or discontinued equipment is not acceptable. Complete specifications, manufacturer’s descriptive literature and/or advertising data sheets with cuts or photographs may be required prior to an award and should be included with the solicitation response on the IDENTICAL equipment proposed.

Literature should be complete and the latest published. Any information necessary to show compliance with these specifications not given on the manufacturer’s descriptive literature and/or advertising data sheets should be supplied in writing on or attached to the solicitation response.

If manufacturer’s information necessary to show compliance with these specifications is not attached to the solicitation response, the Vendor may be required to submit requested information within three (3) business days of a written request. Failure to submit requested descriptive literature or advertising data sheets may be grounds to reject the solicitation response.

W. DELIVERY ARO

Delivery shall be made within twenty (20) business days after receipt of order(s).

Deliveries shall be made during normal working hours between the hours of 9:00 AM and 3:00 PM, Monday through Friday (excluding State holidays and / or as otherwise directed). If an emergency arises, delivery arrangements will be scheduled by the NDOT personnel who placed the order and/or the receiving personnel.

State holidays are as follows:

New Year’s Day	January 1*
Martin Luther King Day	Third Monday in January
President’s Day	Third Monday in February
Arbor Day	Last Friday in April
Memorial Day	Last Monday in May
Juneteenth	June 19*
Independence Day	July 4*
Labor Day	First Monday in September
Columbus Day	Second Monday in October
Veterans Day	November 11*
Thanksgiving Day	Fourth Thursday in November
Day after Thanksgiving	Friday following Thanksgiving
Christmas Day	December 25*

**When the starred holiday falls on a Saturday, it shall be observed on the preceding day. When the starred holiday falls on a Sunday, it shall be observed on the following day.*

The Vendor shall maintain sufficient inventory to process and deliver orders within the requested time frame and there shall be no minimum order requirements. Deliveries must be clearly marked with the purchase order number.

If delays in delivery are anticipated, the Vendor will immediately notify the NDOT Geodetic Office (Phone: 402-479-3512) of the expected delivery date). The order may be canceled if the delivery time is unsatisfactory, and the State may procure item(s) from other sources and the Vendor will be held responsible for any/all excess cost.

At the time of delivery, a designated State employee will sign the “invoice/packing slip.” This signature will only indicate that the order has been received and that the items actually delivered agree with the delivery invoice. This signature does not indicate all items were received in good condition and/or that there is not possible hidden damage. The Vendor shall be responsible for the shipping cost of returning and replacing defective and/or damaged products received.

X. ORDERS

Orders will be placed either by phone, e-mail, or Internet (if available and not to the exclusion of the other methods). All orders must reference a purchase order number, and the purchase order number must be referenced on the packing slip, and invoice. Invoices are to be sent to the "Invoice to" address on the purchase order.

Y. QUALITY

Product quality must meet specifications and be consistent for the term of the contract. All materials must be of first quality, under standard production by the manufacturer and be of standard design, complete as regularly advertised and marketed and be of proven performance.

A guarantee of satisfactory performance by the Vendor and meeting delivery dates are considered to be an integral part of the purchase contract resulting from this solicitation.

Products are to be fully guaranteed and may be returned for full credit or replacement (at the State's option) for any reason during the initial warranty period with no additional charges for shipping or restocking.

Z. PACKAGING

Packages are to be clearly marked with size, weight, color, quantity, and the purchase order number. Packaging must be of suitable size and of sufficient strength to protect the contents during shipping, handling and storage.

AA. ANNUAL USAGE, ESTIMATED

Annual usage figures provided are estimates and are not to be construed as either a minimum or maximum purchase quantity. The orders shall be for the actual quantities of each item ordered by or for any agency during the life of the contract. Vendor shall not impose minimum order requirements.

Description	Estimated Qty
Data Collector / Survey Controller	20
Data Collector / Survey Controller Accessories	20
Receiver / Rover	20
Receiver / Rover Accessories	20
CORS Base Station / Reference Station	2
CORS Base Station / Reference Station Accessories	2
Robotic Total Station	1
Robotic Total Station Accessories	1

BB. DIRECT NON-LABOR COSTS FOR REIMBURSEMENT

Non-labor costs shall be considered as the necessary, actual, and properly documented costs related to completing services/activities under the contract. All costs must be supported by detailed receipts or invoices to be eligible for reimbursement by the NDOT.

Direct non-labor costs include:

- 1. Transportation, mileage, lodging and meals, *subject to the limitations specified below*; and
- 2. Such other allowable items with prior approval by the State.

The following non-labor costs will be reimbursed at actual costs; not exceed the rates as shown:

- 1. Transportation
Automobile rentals, air fares, and taxi/shuttle transportation shall be arranged with the most economical method considered and be actual reasonable cost, including discounts if applicable. The Vendor shall give the State the benefit of all discounts. Receipts must be submitted with invoices to receive reimbursement.
- 2. Mileage
Reimbursement for mileage associated with the use of Vendor owned vehicles will be the prevailing standard mileage rate established by the Internal Revenue Service (IRS) through its Revenue Procedures. Mileage associated with the use of a privately-owned vehicle (POV) shall be tracked and information submitted with invoices to receive reimbursement.
- 3. Lodging
Reimbursement for lodging rates will be limited to the prevailing standard rate as indicated on the U.S. General Services Administration's [GSA website](#). Vendor shall give the State the benefit of all lodging discounts. Receipts must be submitted with invoices to receive reimbursement.

4. Meals

Reimbursement for meals will be limited to the prevailing standard rate as indicated on the [GSA website](#). Expenses for alcoholic beverages are not allowed. Meals should not be charged to a hotel room and will only be reimbursed through the per diem process. Vendor shall give the State the benefit of all meal discounts.

For the Vendor and their employees to be eligible for the meal allowance, the following criteria must be met:

Breakfast:

- Vendor is required to depart at or before 6:30 a.m., or
- Vendor is on an overnight travel.

Lunch:

- Vendor must be on overnight travel; no reimbursement for same day travel;
- Vendor is required to leave for overnight travel at or before 11 a.m.; or
- Vendor returns from overnight travel at or after 2:00 p.m.

Dinner:

- Vendor leaves for overnight travel at or before **5:00 p.m.**
- Vendor returns from overnight travel or work location at or after 7:00 p.m.; or
- Vendor is on overnight travel.

Meals are not eligible for reimbursement if the Vendor eats within twenty (20) miles of the headquarters location of the Vendor. Meal receipts must itemize all food and drink purchased; a credit card receipt alone is not sufficient documentation. Reimbursement for meal gratuities/tips will be whatever is usual, or customary, but shall not exceed 20 percent (20%).

CC. REIMBURSEMENT SUBMISSION REQUIREMENTS

Receipts for direct non-labor expenses must be itemized which identifies date, time, city, state, a complete description of item(s) claimed and the cost(s). Invoice information shall include the employee's name, location(s) traveled, date/time of trip(s), and expense receipts for transportation, meals, and lodging. Any item billed without a receipt will not be reimbursed. Final claim for reimbursement shall be due within thirty (30) days after the contract period ends.

III. VENDOR DUTIES

Bidder should read the Vendor Duties within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Vendor Duties Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

- 1. The specific clause, including section reference, to which an exception has been taken;
- 2. An explanation of why the bidder took exception to the clause; and
- 3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Vendor Duties Within Section as Written (Initial)	Exceptions Taken to Vendor Duties Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
CW		

A. INDEPENDENT VENDOR / OBLIGATIONS

It is agreed that the Vendor is an independent Vendor and that nothing contained herein is intended or should be construed as creating or establishing a relationship of employment, agency, or a partnership.

The Vendor is solely responsible for fulfilling the contract. The Vendor or the Vendor’s representative shall be the sole point of contact regarding all contractual matters.

The Vendor shall secure, at its own expense, all personnel required to perform the services under the contract. The personnel the Vendor uses to fulfill the contract shall have no contractual or other legal relationship with the State; they shall not be considered employees of the State and shall not be entitled to any compensation, rights or benefits from the State, including but not limited to, tenure rights, medical and hospital care, sick and vacation leave, severance pay, or retirement benefits.

By-name personnel commitments made in the Vendor’s solicitation response shall not be changed without the prior written approval of the State. Replacement of these personnel, if approved by the State, shall be with personnel of equal or greater ability and qualifications.

The Vendor warrants that all persons assigned to the project shall be employees of the Vendor or a subcontractor and shall be fully qualified to perform the work required herein. Personnel employed by the Vendor or a subcontractor to fulfill the terms of the contract shall remain under the sole direction and control of the Vendor or the subcontractor respectively.

With respect to its employees, the Vendor agrees to be solely responsible for the following:

- 1. Any and all pay, benefits, and employment taxes and/or other payroll withholding,
- 2. Any and all vehicles used by the Vendor’s employees, including all insurance required by state law,
- 3. Damages incurred by Vendor’s employees within the scope of their duties under the contract,
- 4. Maintaining Workers’ Compensation and health insurance that complies with state and federal law and submitting any reports on such insurance to the extent required by governing law,
- 5. Determining the hours to be worked and the duties to be performed by the Vendor’s employees; and,
- 6. All claims on behalf of any person arising out of employment or alleged employment (including without limit claims of discrimination alleged against the Vendor, its officers, agents, or subcontractors or subcontractor’s employees).

If the Vendor intends to utilize any subcontractor, the subcontractor’s level of effort, tasks, and time allocation should be clearly defined in the solicitation response. The Vendor shall agree that it will not utilize any subcontractors not specifically included in its solicitation response in the performance of the contract without the prior written authorization of the State. If the Vendor subcontracts any of the work, the Vendor agrees to pay any and all subcontractors in accordance with the Vendor’s agreement with the respective subcontractor(s).

The State reserves the right to require the Vendor to reassign or remove from the project any Vendor or subcontractor employee.

Vendor shall insure that the terms and conditions contained in any contract with a subcontractor does not conflict with the terms and conditions of this contract.

The Vendor shall include a similar provision, for the protection of the State, in the contract with any subcontractor engaged to perform work on this contract.

B. FOREIGN ADVERSARY CONTRACTING PROHIBITION ACT CERTIFICATION (Nonnegotiable)

The Vendor certifies that it is not a scrutinized company as defined under the Foreign Adversary Contracting Prohibition Act, Neb. Rev. Stat. Sec. § 73-903 (5); that it will not subcontract with any scrutinized company for any aspect of performance of the contemplated contract; and that any products or services to be provided do not originate with a scrutinized company.

C. EMPLOYEE WORK ELIGIBILITY STATUS

The Vendor is required and hereby agrees to use a federal immigration verification system to determine the work eligibility status of employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324a, known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of an employee.

If the Vendor is an individual or sole proprietorship, the following applies:

1. The Vendor must complete the United States Citizenship Attestation Form, available on the Department of Administrative Services website at:
<https://das.nebraska.gov/materiel/docs/pdf/Individual%20or%20Sole%20Proprietor%20United%20States%20Attestation%20Form%20English%20and%20Spanish.pdf>
2. The completed United States Attestation Form should be submitted with the Solicitation response.
3. If the Vendor indicates on such attestation form that he or she is a qualified alien, the Vendor agrees to provide the US Citizenship and Immigration Services documentation required to verify the Vendor's lawful presence in the United States using the Systematic Alien Verification for Entitlements (SAVE) Program.
4. The Vendor understands and agrees that lawful presence in the United States is required, and the Vendor may be disqualified or the contract terminated if such lawful presence cannot be verified as required by Neb. Rev. Stat. § 4-108.

D. COMPLIANCE WITH CIVIL RIGHTS LAWS AND EQUAL OPPORTUNITY EMPLOYMENT / NONDISCRIMINATION (Nonnegotiable)

The Vendor shall comply with all applicable local, state, and federal statutes and regulations regarding civil rights laws and equal opportunity employment. The Nebraska Fair Employment Practice Act prohibits Vendors of the State of Nebraska, and their Subcontractors, from discriminating against any employee or applicant for employment, with respect to hire, tenure, terms, conditions, compensation, or privileges of employment because of race, color, religion, sex, disability, marital status, or national origin (Neb. Rev. Stat. §§ 48-1101 to 48-1125). The Vendor guarantees compliance with the Nebraska Fair Employment Practice Act, and breach of this provision shall be regarded as a material breach of contract. The Vendor shall insert a similar provision in all Subcontracts for goods and services to be covered by any contract resulting from this Solicitation.

E. COOPERATION WITH OTHER VENDORS

Vendor may be required to work with or in close proximity to other Vendors or individuals that may be working on the same or different projects. The Vendor shall agree to cooperate with such other Vendors or individuals and shall not commit or permit any act which may interfere with the performance of work by any other Vendor or individual. Vendor is not required to compromise Vendor's intellectual property or proprietary information unless expressly required to do so by this contract.

F. DISCOUNTS

Prices quoted shall be inclusive of ALL trade discounts. Cash discount terms of less than thirty (30) days will not be considered as part of the solicitation response. Cash discount periods will be computed from the date of receipt of a properly executed claim voucher or the date of completion of delivery of all items in a satisfactory condition, whichever is later.

G. PRICES

Prices quoted shall be net, including transportation and delivery charges fully prepaid by the bidder, F.O.B. destination named in the Solicitation. No additional charges will be allowed for packing, packages, or partial delivery costs. When an arithmetic error has been made in the extended total, the unit price will govern.

Any request for an increase must be submitted in writing to the State Purchasing Bureau a minimum of thirty (30) days prior to proposed effective date of increase and must show cause and be accompanied by supporting documentation (such as notification letter from manufacturer). Further documentation may be required by the State to authenticate the increase (such as manufacturer invoices). Failure to supply any requested supporting documentation may be grounds to cancel the contract. The State further reserves the right to reject any proposed price increase(s), cancel the contract and rebid if determined to be in the best interest of the State.

No price increases are to be billed to any State Agencies prior to written amendment of the contract by the parties.

The State will be given full proportionate benefit of any decreases for the term of the contract.

H. PERMITS, REGULATIONS, LAWS

The contract price shall include the cost of all royalties, licenses, permits, and approvals, whether arising from patents, trademarks, copyrights or otherwise, that are in any way involved in the contract. The Vendor shall obtain and pay for all royalties, licenses, and permits, and approvals necessary for the execution of the contract. The Vendor must guarantee that it has the full legal right to the materials, supplies, equipment, software, and other items used to execute this contract.

I. OWNERSHIP OF INFORMATION AND DATA / DELIVERABLES

The State shall have the unlimited right to publish, duplicate, use, and disclose all information and data developed or obtained by the Vendor on behalf of the State pursuant to this contract.

The State shall own and hold exclusive title to any deliverable developed as a result of this contract. Vendor shall have no ownership interest or title, and shall not patent, license, or copyright, duplicate, transfer, sell, or exchange, the design, specifications, concept, or deliverable.

J. INSURANCE REQUIREMENTS

The Vendor shall throughout the term of the contract maintain insurance as specified herein and provide the State a current Certificate of Insurance/Acord Form (COI) verifying the coverage. The Vendor shall not commence work on the contract until the insurance is in place. If Vendor subcontracts any portion of the Contract the Vendor must, throughout the term of the contract, either:

1. Provide equivalent insurance for each subcontractor and provide a COI verifying the coverage for the subcontractor,
2. Require each subcontractor to have equivalent insurance and provide written notice to the State that the Vendor has verified that each subcontractor has the required coverage; or
3. Provide the State with copies of each subcontractor's Certificate of Insurance evidencing the required coverage.

The Vendor shall not allow any Subcontractor to commence work until the Subcontractor has equivalent insurance. The failure of the State to require a COI, or the failure of the Vendor to provide a COI or require subcontractor insurance shall not limit, relieve, or decrease the liability of the Vendor hereunder.

In the event that any policy written on a claims-made basis terminates or is canceled during the term of the contract or within one (1) year of termination or expiration of the contract, the Vendor shall obtain an extended discovery or reporting period, or a new insurance policy, providing coverage required by this contract for the term of the contract and one (1) year following termination or expiration of the contract.

If by the terms of any insurance a mandatory deductible is required, or if the Vendor elects to increase the mandatory deductible amount, the Vendor shall be responsible for payment of the amount of the deductible in the event of a paid claim.

Notwithstanding any other clause in this Contract, the State may recover up to the liability limits of the insurance policies required herein.

1. WORKERS' COMPENSATION INSURANCE

The Vendor shall take out and maintain during the life of this contract the statutory Workers' Compensation and Employer's Liability Insurance for all of the contactors' employees to be engaged in work on the project under this contract and, in case any such work is sublet, the Vendor shall require the Subcontractor similarly to provide Worker's Compensation and Employer's Liability Insurance for all of the Subcontractor's employees to be engaged in such work. This policy shall be written to meet the statutory requirements for the state in which the work is to be performed, including Occupational Disease. **The policy shall include a waiver of subrogation in favor of the State. The COI shall contain the mandatory COI subrogation waiver language found hereinafter.** The amounts of such insurance shall not be less than the limits stated hereinafter. For employees working in the State of Nebraska, the policy must be written by an entity authorized by the State of Nebraska Department of Insurance to write Workers' Compensation and Employer's Liability Insurance for Nebraska employees.

2. COMMERCIAL GENERAL LIABILITY INSURANCE AND COMMERCIAL AUTOMOBILE LIABILITY INSURANCE

The Vendor shall take out and maintain during the life of this contract such Commercial General Liability Insurance and Commercial Automobile Liability Insurance as shall protect Vendor and any Subcontractor performing work covered by this contract from claims for damages for bodily injury, including death, as well as from claims for property damage, which may arise from operations under this contract, whether such operation be by the Vendor or by any Subcontractor or by anyone directly or indirectly employed by either of them, and the amounts of such insurance shall not be less than limits stated hereinafter.

The Commercial General Liability Insurance shall be written on an **occurrence basis**, and provide Premises/Operations, Products/Completed Operations, Independent Vendors, Personal Injury, and Contractual Liability coverage. **The policy shall include the State, and others as required by the contract documents, as Additional Insured(s). This policy shall be primary, and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory. The COI shall contain the mandatory COI liability waiver language found hereinafter.** The Commercial Automobile Liability Insurance shall be written to cover all Owned, Non-owned, and Hired vehicles.

REQUIRED INSURANCE COVERAGE	
COMMERCIAL GENERAL LIABILITY	
General Aggregate	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal/Advertising Injury	\$1,000,000 per occurrence
Bodily Injury/Property Damage	\$1,000,000 per occurrence
Medical Payments	\$10,000 any one person
Damage to Rented Premises (Fire)	\$100,000 each occurrence
<i>If higher limits are required, the Umbrella/Excess Liability limits are allowed to satisfy the higher limit.</i>	
WORKER'S COMPENSATION	
Employers Liability Limits	\$500K/\$500K/\$500K
Statutory Limits- All States	Statutory - State of Nebraska
Voluntary Compensation	Statutory
COMMERCIAL AUTOMOBILE LIABILITY	
Bodily Injury/Property Damage	\$1,000,000 combined single limit
Include All Owned, Hired & Non-Owned Automobile liability	Included
UMBRELLA/EXCESS LIABILITY	
Over Primary Insurance	\$1,000,000 per occurrence
PROFESSIONAL LIABILITY	
Professional Liability (IT Professional)	\$3,000,000
All Other Professional Liability (Errors & Omissions)	\$3,000,000 Per Claim
COMMERCIAL CRIME	
Crime/Employee Dishonesty Including 3 rd Party Fidelity	\$1,000,000
CYBER LIABILITY	
Breach of Privacy, Security Breach, Denial of Service, Remediation, Fines and Penalties	\$10,000,000
MANDATORY COI SUBROGATION WAIVER LANGUAGE	
"Workers' Compensation policy shall include a waiver of subrogation in favor of the State of Nebraska."	
MANDATORY COI LIABILITY WAIVER LANGUAGE	
"Commercial General Liability & Commercial Automobile Liability policies shall name the State of Nebraska as an Additional Insured and the policies shall be primary and any insurance or self-insurance carried by the State shall be considered secondary and non-contributory as additionally insured."	

3. EVIDENCE OF COVERAGE

The Vendor shall furnish the Contract Manager, via email, with a certificate of insurance coverage complying with the above requirements prior to beginning work at:

121604 OR

Nebraska State Purchasing Bureau
Attn: Brenda Sensibaugh
1526 K. Street, Suite 130
Lincoln, NE 68508
Brenda.Sensibaugh@nebraska.gov

These certificates or the cover sheet shall reference the solicitation number, and the certificates shall include the name of the company, policy numbers, effective dates, dates of expiration, and amounts and types of coverage afforded. If the State is damaged by the failure of the Vendor to maintain such insurance, then the Vendor shall be responsible for all reasonable costs properly attributable thereto.

Reasonable notice of cancellation of any required insurance policy must be submitted to the contract manager as listed above when issued and a new coverage binder shall be submitted immediately to ensure no break in coverage.

4. DEVIATIONS

The insurance requirements are subject to limited negotiation. Negotiation typically includes, but is not necessarily limited to, the correct type of coverage, necessity for Workers' Compensation, and the type of automobile coverage carried by the Vendor.

K. ANTITRUST

The Vendor hereby assigns to the State any and all claims for overcharges as to goods and/or services provided in connection with this contract resulting from antitrust violations which arise under antitrust laws of the United States and the antitrust laws of the State.

L. CONFLICT OF INTEREST

By submitting a solicitation response, vendor certifies that no relationship exists between the vendor and any person or entity which either is, or gives the appearance of, a conflict of interest related to this solicitation or project.

Vendor further certifies that vendor will not employ any individual known by vendor to have a conflict of interest nor shall vendor take any action or acquire any interest, either directly or indirectly, which will conflict in any manner or degree with the performance of its contractual obligations hereunder or which creates an actual or appearance of conflict of interest.

If there is an actual or perceived conflict of interest, vendor shall provide with its solicitation response a full disclosure of the facts describing such actual or perceived conflict of interest and a proposed mitigation plan for consideration. The State will then consider such disclosure and proposed mitigation plan and either approve or reject as part of the overall solicitation response evaluation.

M. STATE PROPERTY

The Vendor shall be responsible for the proper care and custody of any State-owned property which is furnished for the Vendor's use during the performance of the contract. The Vendor shall reimburse the State for any loss or damage of such property; normal wear and tear is expected.

N. SITE RULES AND REGULATIONS

The Vendor shall use its best efforts to ensure that its employees, agents, and Subcontractors comply with site rules and regulations while on State premises. If the Vendor must perform on-site work outside of the daily operational hours set forth by the State, it must make arrangements with the State to ensure access to the facility and the equipment has been arranged. No additional payment will be made by the State on the basis of lack of access, unless the State fails to provide access as agreed to in writing between the State and the Vendor.

O. ADVERTISING

The Vendor agrees not to refer to the contract award in advertising in such a manner as to state or imply that the company or its goods or services are endorsed or preferred by the State. Any publicity releases pertaining to the project shall not be issued without prior written approval from the State.

P. NEBRASKA TECHNOLOGY ACCESS STANDARDS (Nonnegotiable)

1. The State of Nebraska is committed to ensuring that all information and communication technology (ICT), developed, leased, or owned by the State of Nebraska, affords equivalent access to employees, program participants and members of the public with disabilities, as it affords to employees, program participants and members of the public who are not persons with disabilities.
2. By entering into this Contract, Vendor understands and agrees that if the Vendor is providing a product or service that contains ICT, as defined in subsection 3 (below) and such ICT is intended to be directly interacted with by the user or is public facing, such ICT must provide equivalent access, or be modified during implementation to afford equivalent access, to employees, program participants, and members of the public who have and who do not have disabilities. The Vendor may comply with this section by complying with Section 508 of the Rehabilitation Act of 1973, as amended, and its implementing standards adopted and promulgated by the U.S. Access Board.
3. ICT means information technology and other equipment, systems, technologies, or processes, for which the principal function is the creation, manipulation, storage, display, receipt, or transmission of electronic data and information, as well as any associated content. Vendor hereby agrees ICT includes computers and peripheral equipment, information kiosks and transaction machines, telecommunications equipment, customer premises equipment, multifunction office machines, software, applications, web sites, videos, and electronic documents. For the purposes of these assurances, ICT does not include ICT that is used exclusively by a Vendor.

Q. DISASTER RECOVERY/BACK UP PLAN

The Vendor shall have a disaster recovery and back-up plan, of which a copy should be provided upon request to the State, which includes, but is not limited to equipment, personnel, facilities, and transportation, in order to continue delivery of goods and services as specified under the specifications in the contract in the event of a disaster.

R. DRUG POLICY

Vendor certifies it maintains a drug free workplace environment to ensure worker safety and workplace integrity. Vendor agrees to provide a copy of its drug free workplace policy at any time upon request by the State.

S. WARRANTY

Despite any clause to the contrary, the Vendor represents and warrants that its services hereunder shall be performed by competent personnel and shall be of professional quality consistent with generally accepted industry standards for the performance of such services and shall comply in all respects with the requirements of this Agreement. For any breach of this warranty, the Vendor shall, for a period of ninety (90) days from performance of the service, perform the services again, at no cost to the State, or if Vendor is unable to perform the services as warranted, Vendor shall reimburse the State all fees paid to Vendor for the unsatisfactory services. The rights and remedies of the parties under this warranty are in addition to any other rights and remedies of the parties provided by law or equity, including, without limitation actual damages, and, as applicable and awarded under the law, to a prevailing party, reasonable attorneys' fees, and costs.

The Vendor warrants for a period of one (1) year from the date of Acceptance that: (a) the Products perform according to all specific claims that the Vendor made in its response to the solicitation, (b) the Product is suitable for the ordinary purposes for which such Product is used, (c) the Product is suitable for any special purposes identified in the solicitation or for which the State has relied on the Vendor's skill or judgment, (d) the Product is designed and manufactured in a commercially reasonable manner, and (e) the Product is free of defects. Upon breach of the warranty, the Vendor will repair or replace (at no charge to the State) the Product whose nonconformance is discovered and made known to the Vendor. If the repaired and/or replaced Product proves to be

inadequate, or fails of its essential purpose, the Vendor will refund the full amount of any payments that have been made. The rights and remedies of the parties under this warranty are in addition to any other rights and remedies of the parties provided by law or equity, including, without limitation actual damages, and, as applicable and awarded under the law, to a prevailing party, reasonable attorneys' fees, and costs.

T. TIME IS OF THE ESSENCE

Time is of the essence with respect to Vendor's performance and deliverables pursuant to this Contract.

U. USAGE REPORT

The Vendor shall, upon request by the State Purchasing Bureau, provide a usage report of this contract by state agencies and political subdivisions.

The reporting period may be determined based on need and may include the following:

1. Agency name, item(s), and dollar amount and shall include the information of the time period requested.
2. Fill rate information for Core List and Catalog/Non-Core items, statewide and by agency to include the number of orders received, orders processed, back orders, and partially filled orders.

Usage reports by agency and statewide indicating the numbers of each Core List and Catalog/Non-Core item sold.

Any additional report the State Purchasing Bureau may deem necessary.

V. AUTHORIZED DEALER & WARRANTY

To the extent required by the manufacturer, the Vendor shall be an authorized dealer. Vendor may be required to substantiate that they are an authorized dealer. Proof, if required, must be submitted to SPB within three (3) business days of the request and prior to the award of any contract.

The terms of the original manufacturer's standard warranty shall apply to all equipment acquired from this solicitation for the entire warranty period.

W. DELIVERY LOCATIONS / INSTRUCTIONS

Vendor must provide products to all applicable delivery locations/instructions. Deliveries are to be FOB destination to all NDOT locations specified on the purchase order or as directed by NDOT at the time of purchase in accordance with this Invitation to Bid.

IV. PAYMENT

Bidder should read the Payment clauses within this section and must initial either “Accept All Terms and Conditions Within Section as Written” or “Exceptions Taken to Payment clauses Within Section as Written” in the table below. If exception is not taken to a provision, it is deemed accepted as stated. If the bidder takes any exceptions, they must provide the following within the “Exceptions” field of the table below (Bidder may provide responses in separate attachment if multiple exceptions are taken):

- 1. The specific clause, including section reference, to which an exception has been taken;
- 2. An explanation of why the bidder took exception to the clause; and
- 3. Provide alternative language to the specific clause within the solicitation response.

By signing the solicitation, bidder agrees to be legally bound by all the accepted terms and conditions, and any proposed alternative terms and conditions submitted with the solicitation response. The State reserves the right to negotiate rejected or proposed alternative language. If the State and bidder fail to agree on the final Terms and Conditions, the State reserves the right to reject the solicitation response. The State reserves the right to reject solicitation responses that attempt to substitute the bidder’s commercial contracts and/or documents for this solicitation.

Accept All Payment Clauses Within Section as Written (Initial)	Exceptions Taken to Payment Clauses Within Section as Written (Initial)	Exceptions: (Bidder must note the specific clause, including section reference, to which an exception has been taken, an explanation of why the bidder took exception to the clause, and provide alternative language to the specific clause within the solicitation response.)
CW		

A. PROHIBITION AGAINST ADVANCE PAYMENT (Nonnegotiable)

Neb. Rev. Stat. § 81-2403 states, “[n]o goods or services shall be deemed to be received by an agency until all such goods or services are completely delivered and finally accepted by the agency.”

B. TAXES (Nonnegotiable)

The State is not required to pay taxes and assumes no such liability as a result of this Solicitation. The Vendor may request a copy of the Nebraska Department of Revenue, Nebraska Resale or Exempt Sale Certificate for Sales Tax Exemption, Form 13 for their records. Any property tax payable on the Vendor's equipment which may be installed in a state-owned facility is the responsibility of the Vendor.

C. INVOICES (Nonnegotiable)

Invoices for payments must be submitted by the Vendor to the agency requesting the services with sufficient detail to support payment. Itemized invoices shall reference the ordering location, name of person who placed the order, the NDOT Purchase Order number, equipment name, equipment model number, and quantity.

Vendor shall send invoices and supporting documentation to the NDOT location listed under Invoice To on the purchase order.

The terms and conditions included in the Vendor’s invoice shall be deemed to be solely for the convenience of the parties. No terms or conditions of any such invoice shall be binding upon the State, and no action by the State, including without limitation the payment of any such invoice in whole or in part, shall be construed as binding or estopping the State with respect to any such term or condition, unless the invoice term or condition has been previously agreed to by the State as an amendment to the contract. **The State shall have forty-five (45) calendar days to pay after a valid and accurate invoice is received by the State.**

D. INSPECTION AND APPROVAL

Final inspection and approval of all work required under the contract shall be performed by the designated State officials.

The State and/or its authorized representatives shall have the right to enter any premises where the Vendor or Subcontractor duties under the contract are being performed, and to inspect, monitor or otherwise evaluate the work being performed. All inspections and evaluations shall be at reasonable times and in a manner that will not unreasonably delay work.

E. PAYMENT (Nonnegotiable)

Payment will be made by the responsible agency in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. § 81-2403). The State may require the Vendor to accept payment by electronic means such as ACH deposit. In no event shall the State be responsible or liable to pay for any goods and services provided by the Vendor prior to the Effective Date of the contract, and the Vendor hereby waives any claim or cause of action for any such goods or services.

F. LATE PAYMENT (Nonnegotiable)

The Vendor may charge the responsible agency interest for late payment in compliance with the State of Nebraska Prompt Payment Act (See Neb. Rev. Stat. §§ 81-2401 through 81-2408).

G. SUBJECT TO FUNDING / FUNDING OUT CLAUSE FOR LOSS OF APPROPRIATIONS (Nonnegotiable)

The State’s obligation to pay amounts due on the Contract for fiscal years following the current fiscal year is contingent upon legislative appropriation of funds. Should said funds not be appropriated, the State may terminate the contract with respect to those payments

for the fiscal year(s) for which such funds are not appropriated. The State will give the Vendor written notice thirty (30) calendar days prior to the effective date of termination. All obligations of the State to make payments after the termination date will cease. The Vendor shall be entitled to receive just and equitable compensation for any authorized work which has been satisfactorily completed as of the termination date. In no event shall the Vendor be paid for a loss of anticipated profit.

H. RIGHT TO AUDIT (First Paragraph is Nonnegotiable)

The State shall have the right to audit the Vendor's performance of this contract upon a thirty (30) days' written notice. Vendor shall utilize generally accepted accounting principles, and shall maintain the accounting records, and other records and information relevant to the contract (Information) to enable the State to audit the contract. (Neb. Rev. Stat. § 84-304 et seq.) The State may audit, and the Vendor shall maintain, the Information during the term of the contract and for a period of five (5) years after the completion of this contract or until all issues or litigation are resolved, whichever is later. The Vendor shall make the Information available to the State at Vendor's place of business or a location acceptable to both Parties during normal business hours. If this is not practical or the Vendor so elects, the Vendor may provide electronic or paper copies of the Information. The State reserves the right to examine, make copies of, and take notes on any Information relevant to this contract, regardless of the form or the Information, how it is stored, or who possesses the Information. Under no circumstance will the Vendor be required to create or maintain documents not kept in the ordinary course of Vendor's business operations, nor will Vendor be required to disclose any information, including but not limited to product cost data, which is confidential or proprietary to Vendor.

The Parties shall pay their own costs of the audit unless the audit finds a previously undisclosed overpayment by the State. If a previously undisclosed overpayment exceeds .5% of the total contract billings, or if fraud, material misrepresentations, or non-performance is discovered on the part of the Vendor, the Vendor shall reimburse the State for the total costs of the audit. Overpayments and audit costs owed to the State shall be paid within ninety (90) days of written notice of the claim. The Vendor agrees to correct any material weaknesses or condition found as a result of the audit.

V. TECHNICAL SPECIFICATIONS

A. VENDOR INSTRUCTIONS

Vendor must respond to each of the following statements. Specifications listed are minimum conditions that must be met in order for a Vendor to qualify for the award.

“YES” response means the Vendor guarantees they can meet this condition.

“NO” response means the Vendor cannot meet this condition and will not be considered.

“NO & PROVIDE ALTERNATIVE” responses should be used only with a narrative response in the NOTES/COMMENTS section explaining in detail any deviation from the Vendor’s ability to meet the condition, and an explanation of how this would be determined to be an acceptable alternative to meeting the condition. Alternatives must be detailed in such a way that allows such deviations to be fully evaluated. The State shall determine at its sole discretion whether or not the Vendor’s alternative is an acceptable alternative.

B. NON-COMPLIANCE STATEMENT

Read these specifications carefully. Any and all exceptions to these specifications must be written on or attached to solicitation response. Any non-compliance may result in your solicitation response being deemed as non-responsive.

It is the responsibility of Vendors to obtain information and clarifications as provided below. The State is not responsible for any erroneous or incomplete understandings or wrongful interpretations of this solicitation by any Vendor.

C. TECHNICAL SPECIFICATIONS – DATA COLLECTOR / SURVEY CONTROLLER

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Data Collector / Survey Controller (further referred to as “Collector”) shall allow for the collection and storage of surveyed field data. The Collector can be connected to a variety of other survey instruments, including Receivers or Total Stations.
X			2. The Collector shall run either an Android or Windows operating system.
X			3. The Collector equipment to be furnished under this contract may be in handheld device form or in tablet form but must provide a QWERTY typeface for data entry.
X			4. The Collector equipment shall at minimum have a rear camera interface for taking pictures. These pictures are useful to attach pictures to surveyed points.
X			5. The Collector equipment shall have GNSS Accuracy of 2-4 meters or better.
		X – Rated IP66	6. The Collector shall be environmentally rated IP67 or better.
X			7. The Collector shall be compatible with GPS, GLONASS, and Galileo Satellite Constellations.
X			8. The Collector shall have 8 gigabytes of RAM Memory.
X			9. The Collector shall have 128 gigabytes of internal memory.
X			10. The Collector shall feature a 64-bit quad-core processor.
X			11. The Collector shall be able to hot-swap batteries in the field.
X			12. The Collector shall be compatible with the State of Nebraska’s NTRIP RTK Provider.
NOTES/COMMENTS: An IP66 rating means an item offers complete dust protection and protection against strong jets of water from any direction. IP66 is suitable for outdoor use in environments with heavy precipitation, dust, and potential water spray, but it's not designed for submersion. Per International Electrotechnical Commission https://www.iec.ch/ip-ratings. See Leica Captivate Tablets Data Sheet File 5 of 8			

D. TECHNICAL SPECIFICATIONS – DATA COLLECTOR / SURVEY CONTROLLER ACCESSORIES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Data Collector / Survey Controller Accessories must be included, to allow for the operation of the Data Collector / Survey Controller.
X			2. Accessories may include, but are not limited to, batteries, power cables, protective cases, etc. Please ensure to include in the Notes / Comments section what Accessories are included for your package. These items may be able to be purchased individually to replace worn, broken, or well used parts due to daily use of equipment.
NOTES/COMMENTS: Accessories include 2 Li-Ion batteries, 1 dual bay charger, collector bracket and clamp for mounting on pole.			

E. TECHNICAL SPECIFICATIONS – RECEIVER / ROVER

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Receiver / Rover (further referred to as "Receiver") shall allow for the data collection of surveyed points when paired with a Collector.
X			2. The Receiver shall be compatible with GPS, GLONASS, and Galileo Satellite Constellations.
X			3. The Receiver shall connect to a Network RTK Solution within 10 seconds.
X			4. The Receiver shall have a minimum 10 mm Horizontal Precision when connecting to a Real-Time Kinematic source.
X			5. The Receiver shall have a minimum 20 mm Vertical Precision when connecting to a Real-Time Kinematic source.
X			6. The Receiver shall be capable of being connected to an external power source or be powered via an internal rechargeable battery.
X			7. The Receiver shall be able to communicate at minimum via Bluetooth, Wi-Fi, or a Cellular Modem.
X			8. The Receiver shall have a minimum of 4 gigabytes of internal storage memory.
X			9. The Receiver shall incorporate a software feature for the compensation of tilt, to ensure accuracy of points shot at an angle.
X			10. The Receiver shall be compatible with the State of Nebraska's NTRIP RTK Provider.
NOTES/COMMENTS: See Leica_GS18 Data Sheet File 8 of 8			

F. TECHNICAL SPECIFICATIONS – RECEIVER / ROVER ACCESSORIES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Receiver / Rover Accessories must be included, to allow for the operation of the Receiver / Rover
X			2. Accessories may include, but are not limited to, poles, batteries, power cables, protective cases, etc. Please ensure to include in the Notes / Comments section what Accessories are included for your package. These items may be able to be purchased individually to replace worn, broken, or well-used parts due to daily use of equipment.
NOTES/COMMENTS: Accessories include Instrument case, 2 Li-Ion batteries and charger, radio and LTE antennas, 1Gb SD card.			

G. TECHNICAL SPECIFICATIONS – CORS BASE / REFERENCE STATION EQUIPMENT

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The CORS Base / Reference Station equipment (further referred to as “Base Station”) shall allow for the State of Nebraska to build a Real-Time Kinematic Network for improved surveying accuracy around the state. The Package shall include the technical equipment necessary for creating a full CORS site, including a GNSS Receiver and GNSS Antenna.
X			2. The Base Station equipment shall feature an IP68 or better environmental rating.
X			3. The Base Station equipment shall allow for networking connection via ethernet or Wi-Fi.
X			4. The Base Station equipment shall be able to connect to the GPS, GLONASS, and Galileo satellite constellations.
X			5. The Reference Station equipment shall be compatible with the State of Nebraska’s NTRIP RTK Provider.
NOTES/COMMENTS: See Leica_GR30 Data Sheet File 7 of 8			

H. TECHNICAL SPECIFICATIONS – CORS BASE / REFERENCE STATION ACCESSORIES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The CORS Base / Reference Station Accessories must be included, to allow for the operation of the CORS Base / Reference Station.
X			2. Accessories may include, but are not limited to, ethernet cables, power cables, etc. Please ensure to include in the Notes / Comments section what Accessories are included for your package. These items may be able to be purchased individually to replace worn, broken, or well-used parts due to daily use of equipment.
NOTES/COMMENTS: Accessories include 10m antenna cable, AC Power supply, 5m ethernet cable, 1Gb SD card			

I. TECHNICAL SPECIFICATIONS – ROBOTIC TOTAL STATIONS

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Robotic Total Station equipment allows for the State of Nebraska to collect survey data when GNSS signal is unavailable (due to overhead interference).
X			2. The Robotic Total Station (and all included accessories) to be furnished under this contract shall allow for one-person or two-person instrument operation.

X			3. The distance measurement range of the robotic total station with a prism shall be at least 0.50 miles, and for reflectorless measurement shall be at least 0.25 miles.
X			4. The Robotic Total Station shall have a measuring time of 2 seconds or less.
X			5. The Robotic Total Station shall have an accuracy of 2mm or better.
X			6. The Robotic Total Station shall have a field of view measurement of 360° x 300°.
X			7. The Robotic Total Station shall have an environmental rating of IP55 or better.
X			8. The Robotic Total Station shall have the ability to connect to external batteries to extend surveying time.
NOTES/COMMENTS: See Leica TS16 Data Sheet File 6 of 8			

J. TECHNICAL SPECIFICATIONS – ROBOTIC TOTAL STATION ACCESSORIES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Robotic Total Station Accessories must be included, to allow for the operation of the Robotic Total Station.
X			2. Accessories may include, but are not limited to, batteries, power cables, protective cases, etc. Please ensure to include in the Notes / Comments section what Accessories are included for your package. These items may be able to be purchased individually to replace worn, broken, or well used parts due to daily use of equipment.
NOTES/COMMENTS: Accessories include Tripod, prism pole, 360deg prism, 2 Li-Ion batteries and charger, 1Gb SD card			

K. TECHNICAL SPECIFICATIONS - EQUIPMENT

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Equipment bid shall be the latest current models in production as of the date of the ITB and be of proven performance.
X			2. Equipment shall be under standard design, complete as regularly advertised and marketed.
X			3. Equipment shall be delivered fully operational, complete with all necessary parts, specified accessories, tools, and special features, whether or not they may be specifically mentioned below.
X			4. Used, demonstrator, prototype, or discontinued equipment is not acceptable.
NOTES/COMMENTS:			

L. SOFTWARE SPECIFICATIONS

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The Vendor must be able to provide software licenses that allows the GPS Surveying Equipment to be compatible with State of Nebraska Surveying and Geodetic Workflows. This must include the conversion of raw surveying data into a format that can be utilized by the State of Nebraska CAD platform (currently Bentley OpenRoads Designer).

X			2. The Vendor shall ensure any upgrades and updates of the GPS Software will be provided by the manufacturer throughout the functional life of the product. This includes new versions released that would correct any functionality problems and/or add or upgrade operational features.
X			3. Software upgrades or Maintenance Packages developed within one (1) year of the date of product delivery shall be made available at no additional cost to Nebraska Department of Transportation.
X			4. The Vendor shall maintain all third-party software products at the most current version but no more than two (2) versions back at no additional charge to the State of Nebraska.
X			5. Third-party software version upgrades must be able to be installed and operated by State staff.
X			6. The Vendor will not maintain ANY third-party software versions, if such versions would prevent the State from using any functions, in whole or in part, or would cause deficiencies and/or defects in the software within the proposed solution.
NOTES/COMMENTS:			

M. TECHNICAL SUPPORT SPECIFICATIONS

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Vendor shall provide technical support by telephone or email during business day hours. Requests for technical support shall be answered within a twenty-four (24) to forty-eight (48) hour period from placement of call.
X			2. Must have a representative available if GPS unit(s) malfunction, or Dead on Arrival (D.O.A's) units at no additional cost to the State.
X			3. The technical support staff shall be knowledgeable in the product and capable of providing assistance without additional consultation.
X			4. If equipment is sent in to be serviced, Vendor shall fix equipment within 7 (seven) business days or provide temporary equipment of exact make and model for use in the field.
NOTES/COMMENTS:			

N. IN-PERSON TRAINING

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Vendor shall provide, at no additional cost to the State, on-site in-person hands-on training sessions for NDOT technical personnel in each NDOT District over a two (2) year span of the contract.
X			2. Vendor shall submit training materials to NDOT Survey Program Manager for approval at least two (2) weeks in advance of the first session.
X			3. Vendor shall provide training sessions for NDOT Survey personnel offering a complete overview of the hardware and software of the Survey Equipment as part of the contract, and detailed procedures for troubleshooting problems.
X			4. Vendor shall provide training at the following eight (8) district locations: <ol style="list-style-type: none"> 1. Year One Training Locations: <ol style="list-style-type: none"> i. Lincoln (District 1) ii. Norfolk (District 3) iii. Gering (District 5) iv. McCook (District 7) 2. Year Two Training Locations: <ol style="list-style-type: none"> i. Omaha (District 2) ii. Grand Island (District 4) iii. North Platte (District 6) iv. Ainsworth (District 8)

X			5. Each training session shall be 6-8 hours in duration, including hands-on usage of equipment.
X			6. Training shall be provided for approximately six (6) to twelve (12) technicians per class.
X			7. Vendor shall have all attendees sign in on a roster. A copy of the roster will be provided to the NDOT Project Manager within one (1) week of each training session.
NOTES/COMMENTS:			

O. SUPPLEMENTAL VIRTUAL TRAINING

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. If significant equipment or software updates occur during the contract, the Vendor shall provide supplemental training for the group through a virtual conferencing method, such as WebEx, Microsoft Teams, or Zoom, at no additional cost to NDOT.
X			2. "Significant" hardware updates shall be defined as new pieces of equipment to the NDOT Districts or NDOT Geodetic Unit.
X			3. "Significant" software updates shall be defined as new software programs to the NDOT Districts or NDOT Geodetic Unit, or existing software programs with updates to the processing workflow, such as a new user interface or updated input / output commands.
X			4. Depending on the number of updates, virtual training sessions can be as short as 30 (thirty) minutes or as long as two (2) hours.
NOTES/COMMENTS:			

P. CORE LIST AND CATALOG/NON-CORE - PRICES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Core List prices quoted shall be net, including transportation and delivery charges fully prepaid by the vendor, FOB Destination to the ordering state facility/agency. Core List pricing is to remain firm for the initial one (1) year of the contract.
X			2. Any request for increase must be submitted in writing to the SPB a minimum of thirty (30) days prior to proposed effective date of increase and be accompanied by any/all supporting documentation such as a notification letter from the manufacturer indicating the percentage of increase. The supporting information must clearly establish the increase is for all customers, not to the State alone. Further documentation may be required by the State, to authenticate the increase (such as manufacturer invoices). Failure to supply any requested supporting documentation may be grounds to cancel the contract.
X			3. Catalog/Non-Core item purchases shall be net, including transportation and delivery charges fully prepaid by the vendor, FOB Destination to the ordering state facility/agency.
X			4. Discount bid off of manufacturer's suggested list price shall remain fixed for the duration of the contract.
X			5. During the life of the contract, there may be new manufacturer's list price schedules published. In the event this occurs, it will be necessary for the Contractor to supply the SPB and any requesting agencies with one (1) copy of each as applicable.
X			6. New catalog and/or price list(s) will be incorporated into the contract thirty (30) days after receipt by the SPB.
X			7. Discounts for Catalog/Non-Core items shall be applied to products as presented as Catalog/Non-Core items in the ITB.
X			8. Bidder shall include each manufacturer's list price schedule to coincide with manufacturers presented as Catalog/Non-Core items in the ITB.

X			9. Prices quoted for products on the Core List and Catalog/Non-Core items shall be inclusive of all costs, to include but not limited to storage, processing and/or delivery throughout the State. Vendor cannot impose any additional service fees. Vendor shall inform the SPB in the event of any unanticipated or overlooked contingency affecting pricing or contract performance.
X			10. NO price increases are to be billed to the State facilities without prior written approval by NDOT. The State further reserves the right to reject any proposed price increase(s), cancel the contract and re-bid if determined in the best interest of the State
X			11. It is understood and agreed that in the event of a reduction in the manufacturer's published standard price list for all or any portion of the proposed items, the State will be given full benefit of such decline in price immediately, including any promotional allowances offered to the balance of the trade during the contract period.
NOTES/COMMENTS:			

Q. CORE LIST and CATALOG/NON-CORE - CORE LIST PRICING

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Any quantities stated are estimated annual quantities and shall not be construed to be either a minimum or a maximum. The State will not accept substitutions.
X			2. A manufacturer's model/number shall be provided for each item.
X			3. All bid units should match exactly. NOTE: If Vendor fails to provide a price on any items, those items for that Vendor will be adjusted to the highest quoted price for those items.
X			4. In those cases where items may have more than one brand name, the Vendor may bid on either brand. Please indicate which brand was bid. Bidder must complete, Core and Non-Core List. Please pay special attention to the unit of measure.
NOTES/COMMENTS:			

R. CORE LIST AND CATALOG/NON-CORE - CATALOG/NON-CORE PRICING/PERCENTAGES

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Prices for Catalog/Non-Core items shall be determined by applying the quoted discount for the item to the manufacturer's current catalog or price list. The percentage discount for the items shall remain firm for the duration of the contract period. Bidder shall clearly state the date of the catalog or price list used and provide a copy of the catalog to the SPB upon request.
X			2. The pricing structure, consisting of all pricing formulas and pertinent information, for all non-core items shall be clearly defined and documented for future auditing purposes.
X			3. The percentage discount rate for Catalog/Non-Core items or categories shall not decrease during the life of the contract.
X			4. A firm percentage rate shall be quoted - a range of percentages will not be considered.
X			5. Catalog/Non- Core Categories have been identified as follows: GPS Equipment parts, accessories, warranties, software, hardware, and firmware (excluding core items).
NOTES/COMMENTS:			

S. CORE LIST and CATALOG/NON-CORE - ADDITIONAL PRICE LISTS AND CATALOGS

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. After award of the contract(s), the Vendor(s) shall supply additional copies of the current catalog or price list used for this ITB for distribution to any requesting state agency at no charge, within ten (10) business days of request.
X			2. Additional catalogs and/or price lists may be required and shall be provided without charge.
X			3. Any catalog or price list revisions which occur during the duration of the contract shall be provided upon request without charge.
NOTES/COMMENTS: See Leica Survey Price List File 3 of 8 and Leica Reference Station price list File 4 of 8			

T. CORE LIST and CATALOG/NON-CORE - USAGE REPORTS

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. Usage reports may be requested by the SPB. The reporting period may be determined based on need and may include the following: <ul style="list-style-type: none"> a. Fill rate information for core and non-core items, statewide and by agency to include the number of orders received, orders processed, back orders, and partially filled orders. b. Usage reports by agencies and statewide indicating the numbers of each core item and non-core item sold. c. Any additional report the SPB may deem necessary.
NOTES/COMMENTS:			

U. GRAY MARKET PRODUCTS PROHIBITION

YES	NO	NO & PROVIDE ALTERNATIVE	
X			1. The State will not accept Gray Market Products for this solicitation. Gray Market is defined as the trade of a commodity through distribution channels which, while legal, are unofficial, unauthorized, or unintended by the original manufacturer. Gray Market items are not designed to be sold in a particular market and cannot be supported by the authorized importer because of various reasons.
NOTES/COMMENTS:			

Leica Captivate Tablets

Data sheet



CC200- The highest power and performance

The CC200 offers the highest performance, making it the optimal choice for demanding surveying tasks. Its powerful processor delivers exceptional speed and reliability for all your applications.

With a spacious 10-inch display, the CC200 offers excellent visibility for all your surveying needs. Its size is perfect for viewing complex data very clearly.

CC180 - The perfect mix of performance, size and cost

Designed for superior performance, the CC180 tablet handles intensive surveying applications with ease. Its fast processing speed ensures that you can work efficiently, saving time and effort.

With an 8-inch display, this tablet provides enough screen size to view your data comfortably. The screen is bright and easy to read, even in challenging lighting conditions.

CS30 - Entry-level tablet with competitive performance

The CS30 tablet is remarkably lightweight, making it easy to carry and handle. It allows surveyors to move freely and work efficiently without being weighed down.

With a 7-inch display, the CS30 tablet offers a perfect balance of clarity and usability. The screen is large enough to view detailed data comfortably while maintaining the device's compact nature.

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Leica Captivate Tablets



MODEL	CC200	CC180	CS30
Operating system	Microsoft Windows® 10 Enterprise LTSC	Microsoft Windows® 10 Enterprise LTSC	Microsoft Windows® Enterprise 10 LTSC 64bit
CPU platform	Intel® Core™ i5-10310U vPro™ processor (1.7GHz up to 4.4GHz)	Intel® Pentium® Gold 8500 processor (up to 4.4GHz)	Intel® ApolloLake N3550 (1.1GHz up to 2.4GHz)
RAM / Data storage	16GB / 512GB	8GB / 128GB	4GB / 64GB
Display	10", 1920 x 1200 resolution, day/night mode, touchscreen and digitizer pen support, capacitive multi-touch, 'finger', 'glove' and 'water' touchscreen modes	8", 1280 x 800 resolution, capacitive multi-touch, 'finger/water' and 'glove' and stylus' touchscreen modes	7", 1280 x 800 resolution, capacitive multi-touch, 'glove' and 'normal' touchscreen modes
Buttons	Power, 3x user-definable, volume up/down, Windows, rotation lock	Power, 3x user-definable	Power, 2x user-definable
I/O ports	1x USB-C, 1x USB-A, 1x LAN, 1x DC-In jack	1x Thunderbolt 4, 1x USB-C, 1x Audio in/out (combo jack), 1x MicroSD card, 1x Nano SIM card, 1x DC-In jack	1x USB-C, 1x USB-A, 1x DC-In jack
Weight (including battery)	1.3kg (2.90lb)	0.974kg (2.14lb)	0.760kg (1.68lb)
Size (length x width x height) (including battery)	279 x 188 x 28mm (11.0" x 7.4" x 1.1")	227 x 150 x 30.5mm (8.9" x 5.9" x 1.2")	210 x 140 x 23mm (8.3" x 5.5" x 0.9")
POWER MANAGEMENT			
Battery	Li-Ion, 10.8V, 6300mAh (68.0Wh)	Li-Ion, 7.6V, 7200mAh (54.7Wh) Hot-swappable	Li-Ion, 11.1V, 3000mAh (33.3Wh), Hot-swappable, Indicator LEDs
Battery life ¹	12 hours	8 hours	8 hours
COMMUNICATIONS			
Integrated communications	4G LTE, Intel Wi-Fi 6 AX201, Bluetooth® v5.1 (Class 1) ¹	4G LTE, Intel Wi-Fi 6E AX211 (802.11 ax), Bluetooth® v5.31	3G/4G LTE, WLAN 802.11, Bluetooth® v4.2
Integrated camera	2.0 MP front-facing camera 8.0 MP auto-focus rear-facing camera with flash	2.0 MP front-facing camera 8.0 MP auto-focus rear-facing camera with flash	8.0 MP auto-focus rear-facing camera with flash
TPS working range (facing instrument with direct line of sight) ²	Typically 450 m, up to 500 m	Typically 300 m, up to 400 m	With LR-BT module: Typically 1000m
Docking station available	Yes (24 pin connector)	Yes (20 pin connector)	Yes (35 pin connector)
ENVIRONMENTAL			
Dust / water resistance	IP6x/IPx5	IP6x/IPx6	IP6x/IPx6, IPx8
Drop	1.80m (5.91ft)	1.80m (5.91ft)	1.50m (4.92ft)
Vibration	MIL-STD-810H, Method 514.8, Procedure I, II	MIL-STD-810H, Method 514.8, Procedure I, II	ISO 9022-36-05-2; Frequency 1055Hz, Deviation±0.15mm, 5Cycles
Humidity	95% RH 32°C (91°F) / 71°C (160°F)	5%-95%	ISO 9022-12-04/special-2; +65°C, 92% RH, 62h
Operating temperature	-30°C (-20°F) to 60°C (140°F)	-20°C to 60°C (-4°F to 140°F)	-25°C to +55°C (-13°F to 131°F)
Storage temperature	-50°C (-60°F) to 70°C (160°F)	-46°C to 71°C (-51°F to 160°F)	-40°C to +70°C (-40°F to 158°F)
Military Standard (MIL-STD)	810H 461G	810G 810H	810G
Audio	Microphone & speaker	Microphone & speaker	Microphone & speaker
CERTIFICATION			
Regulatory	RMC, CE/RED, PSE, UKCA, FCC, PTCRB	RMC, CE/RED, PSE, UKCA, FCC, PTCRB, SAR, Verizon, IC, TELECOM&JATE	RMC, ISSED, CE/RED, PSE, RL, Japan TBL, KC, UKCA, FCC, PTCRB, AT&T
Sustainability	WEEE, RoHS	WEEE, RoHS, J-MOSS	WEEE, RoHS, J-MOSS

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¹ Battery life refers to an average and strongly depends on operation, e.g. configured power mode, wireless devices in use, operating temperature etc.

² Radio range refers to good radio conditions and may vary based on local conditions (e.g. interference from other radios, obstructions, antenna alignment)

TM50 Monitoring TPS
TM60 Monitoring TPS
GM30 Monitoring GNSS
GMX910 Monitoring GNSS
M-Com Monitoring Communication & Proc.
WiSenMeshWAN System
Leica GeoMoS
Leica GeoMoS Now!
GeoMonitoring Hub
Leica CrossCheck
GR50 Reference Stn GNSS
GR30 Reference Stn GNSS
GNSS Antennas and Antenna Cables
GRxx Accessories & Services
Spider GNSS Software
Legacy Products, SW & CCP's
Various Trade Products
ATHENA & EDU Packages
Demo Licenses

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TM50 Instruments



Article	Description	Market List Price
805082	NOVA TM50 0.5" (0.15mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, Servofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 1 GB internal flash memory, laser plummet, 1 keyboard with full VGA colour touch screen, SmartWorx Viva software, Quick Guide and upright container.	43,400.00



805084	NOVA TM50 1" (0.3mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, Servofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 1 GB internal flash memory, laser plummet, 1 keyboard with full VGA colour touch screen, SmartWorx Viva software, Quick Guide and upright container.	37,200.00
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805085	NOVA TM50 I 0.5" (0.15mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, 5MP imaging, Overview camera, Telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 1 GB internal flash memory, laser plummet, 1 keyboard with full VGA colour touch screen, SmartWorx Viva software, Quick Guide and upright container.	49,600.00
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805086	NOVA TM50 I 1" (0.3mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, 5MP imaging, Overview Camera, Telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 1 GB internal flash memory, laser plummet, 1 keyboard with full VGA colour touch screen, SmartWorx Viva software, Quick Guide and upright container.	43,400.00
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HW Options



Article	Description	Market List Price
820547	GTS37, 2nd keyboard with full VGA colour glass touch screen, for TS15G / TM50 / TM50I instruments, for telescope position 2, fitted.	930.00

308838	Eyepiece FOK53, supplied from factory with new instrument instead of standard eyepiece	1,200.00
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892429	GTS51- LOC8 theft deterrence and location device for TM50, fitted.	955.00
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Certificates

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Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00

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812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

Monitoring TPS Accessories

	Article	Description	Market List Price
	777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.	440.00
	777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.	660.00
	726295	GPR112 Monitoring-Ming Prism, with M8 internal thread in the back for direct mounting and 5/8" adapter.	165.00

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	726296	GHT112 Mounting set for GPR112 with M8 and 5/8" internal thread adapters, suitable for direct fixing systems on nearly every surface, prism is adjustable and fixable in two axes.	74.50
	727406	GDZ112, rain shelter for Monitoring Mining Prism GPR112. Full availability of the prism even in rainy conditions. The rain shelter protects the prism front against rain drops and dust which is washed out from of the air by rain.	38.00
	555631	Single-prism precision reflector GPH1P	1,900.00
	641762	Mini prism GMP104, with L-bar, for fixed installations	190.00
	754384	GRZ122, 360° Reflector with 5/8" thread adapter for mounting of GPS antenna.	2,250.00
	667726	DTM meteo sensor, combined pressure and temperature sensor 2m cable with Lemo1 plug. (other lengths of cable on request).	1,700.00
	744793	Switchbox with cable 2m for TPS/1000/1100/1200 and GeoMoS.	960.00
	772630	Switchbox with cable 2m for TM30/TS30 and GeoMoS (Lemo 1).	1,110.00
	767856	MSD1000, SD memory card 1GB	260.00

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789139 MSD8, SD memory card 8GB.


705.00

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	767895	MCR7 USB card reader for SD- and CF-cards.	885.00
	807696	GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00

SmartWorx on TM50

SmartWorx Base Lic.



Article	Description	Market List Price
781305	SmartWorx Viva TS licence key.	860.00

SmartWorx Application



Article	Description	Market List Price
781309	SmartWorx Viva TS Survey+ includes: 781323 Viva TS Reference Plane and Grid Scanning, 781325 Viva TS Survey Cross Section, 781333 Viva TS Traverse, 781334 Viva TS Sets of Angles and 781332 Viva TS Hidden Point applications.	805.00
781311	SmartWorx Viva TS Worksite+ includes: 781322 Viva TS Reference Line, 781326 Viva TS DTM Stakeout and 781327 Viva TS Surface & Volumes applications.	560.00
781322	Viva TS Reference Line application.	370.00
781323	Viva TS Ref. Plane & Grid Scanning application.	370.00
781324	Viva TS COGO Area Division application.	250.00
781325	Viva TS Cross Section application.	250.00
781326	Viva TS DTM Stakeout application.	250.00
781327	Viva TS Surface & Volumes application.	250.00
781328	Viva TS RoadRunner Road application.	925.00
781329	Viva TS RoadRunner Tunnel application.	1,290.00
781330	Viva TS RoadRunner Rail application.	1,110.00
781331	Viva TS Athletics application.	1,230.00
781332	Viva TS Hidden Point application.	250.00
781333	Viva TS Traverse application.	123.00

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781334	Viva TS Sets of Angles application.	315.00
781336	Viva TS Monitoring app. Requires the Viva TS Sets of Angles app.	615.00

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781343	Viva TS Road Runner Importer application.	185.00
807763	TS QuickVolume app: application that allows volumes to be computed from all scans and/or all measured points stored in a job.	850.00
781346	Viva TS Imaging License. License key enables extended imaging functionality on TS11 I and TS15 I instruments.	560.00
808646	GSW1170 Auto Setup appl. TS. The application searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated by the measurements taken.	615.00
820466	SmartWorx Viva TPS Monitoring app for TS. Application for automated acquisition of monitoring data for postprocessing in Leica GeoMoS.	1,470.00
781338	Viva TS Offset+ application.	615.00

Geocom

Article	Description	Market List Price
710185	Viva TS Virtual GeoCom Licence. Licence key which allows use of the virtual GeoCom port on a TS instrument.	805.00
781351	Viva TS GeoCom Robotics Licence	805.00
781349	Viva TS GeoCom Imaging Licence. Licence key which allows sending pictures via GeoCom to a PC.	805.00
792042	Viva TS GeoCom Video Streaming Licence. Licence key which allows video streaming via GeoCom to a PC.	805.00

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Manuals



Article	Description	Market List Price
807728	Leica USB-Card-Folder A5 Viva und Nova	16.10
805758	Leica Nova TS50/TM50/MS50 Quick Guide,en	16.10
805760	Leica Nova TS50/TM50/MS50 Quick Guide,fr	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6008100	1 yr Nova (TS/TM/MS50) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00

Distr. Partner CCP

Basic CCP



Article	Description	Market List Price
6008126	1 yr Nova (TS/TM/MS50) D.P. Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Distribution Partner Support.	530.50

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Training



Article	Description	Market List Price
5003849	TS13/TS16 Full Day Workflow Training	1,640.00
5003850	TS13/TS16 Commissioning	490.00

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TM60 Instruments



Article	Description	Market List Price
822425	TM60 0.5" (0.15mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, Servofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 1 keyboard with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	48,300.00
822426	TM60 1" (0.3mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, Servofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 1 keyboard with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	41,500.00
822427	TM60 I 0.5" (0.15mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, 5MP imaging, overview camera, 30x telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 1 keyboard with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	55,500.00
822428	TM60 I 1" (0.3mgon), total station with reflectorless EDM (R1000), long range automatic target recognition, 5MP imaging, overview camera, 30x telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 1 keyboard with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	48,300.00

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HW Options



Article	Description	Market List Price
879378	GTS49, 2nd keyboard with full 5" WVGA colour touch screen, for TS16 and TM60 instruments, for telescope position 2, fitted.	1,070.00
874451	GTS46- LOC8 theft deterrence and location device for automated total stations TS13/16,iCR70/80, fitted. One year subscription included.	945.00
989209	GTS52- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for automated total stations TS13/16, TM60,iCR70/80 and iCT30, fitted. Includes one year of subscription.	1,010.00

Certificates







Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00
812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00

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TM60 Monitoring TPS

812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

Monitoring TPS Accessories

	Article	Description	Market List Price
	777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.	440.00
	777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.	660.00
	726295	GPR112 Monitoring-Ming Prism, with M8 internal thread in the back for direct mounting and 5/8" adapter.	165.00
	726296	GHT112 Mounting set for GPR112 with M8 and 5/8" internal thread adapters, suitable for direct fixing systems on nearly every surface, prism is adjustable and fixable in two axes.	74.50
	727406	GDZ112, rain shelter for Monitoring Mining Prism GPR112. Full availability of the prism even in rainy conditions. The rain shelter protects the prism front against rain drops and dust which is washed out from the air by rain.	38.00
	555631	Single-prism precision reflector GPH1P	1,900.00

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TM60 Monitoring TPS



641762

Mini prism GMP104, with L-bar, for
fixed installations

190.00

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962427 GMP004 Mini Prism with L bar (20pcs) 1,620.00



754384 GRZ122, 360° Reflector with 5/8" thread adapter for mounting of GPS antenna. 2,250.00

772630 Switchbox with cable 2m for TM30/TS30 and GeoMoS (Lemo 1). 1,110.00



767856 MSD1000, SD memory card 1GB 260.00



789139 MSD8, SD memory card 8GB. 705.00



767895 MCR7 USB card reader for SD- and CF-cards. 885.00



807696 GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables. 360.00

Captivate f. MS/TS

Captivate Base License f. MS/TS

Article	Description	Market List Price
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.	1,220.00

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971595	Leica Captivate Measure & Stakeout TS/MS upgrade License key to be ordered as an upgrade from 965874. Allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
1003130	Leica Captivate Meas&Stake TS/MS time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
965874	Leica Captivate Meas&Stake TS/MS time lim. Time limited license key which allows the survey and stakeout apps to be used on a TS/MS total station.	1,220.00

Captivate Apps f. MS/TS

Article	Description	Market List Price
827648	Leica Captivate Measure Stake Line TS/MS. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.	405.00
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.	405.00
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.	275.00
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.	480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00

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834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00
834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00

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834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution	2,050.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00
854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00
869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bars using a TS instrument.	610.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00

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Monitoring & Reference Network

TM60 Monitoring TPS

- when it has to be right



903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00

Monitoring & Reference Network

TM60 Monitoring TPS

- when it has to be **right**



920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
1026108	Captivate Resection Match for TS/MS Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

Captivate Packages for MS/TS

Article	Description	Market List Price
871522	Leica Captivate Survey+ TS/MS, includes Plane & Grid Scan, Traverse, Sets of Angles	1,360.00
871523	Leica Captivate Worksite+ TS/MS, includes Line-Measure & Stake, DTM Stakeout, Volume Calculation	1,830.00

Geocom

Article	Description	Market List Price
827666	Virtual GeoCom TS/MS License key which allows the virtual GeoCom port on a TS total station to be used. (Approval process is needed to order this article)	935.00

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Monitoring & Reference Network

TM60 Monitoring TPS



827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)	935.00
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)	2,935.00
827665	GeoCom Video Streaming TS/MS License key which allows video streaming related GeoCom commands to be used. (Approval process is needed to order this article)	935.00
963881	Enables the external communication with the Leica AP20 Autopole.	945.00

Manuals



Article	Description	Market List Price
807728	Leica USB-Card-Folder A5 Viva und Nova	16.10
805758	Leica Nova TS50/TM50/MS50 Quick Guide,en	16.10
805760	Leica Nova TS50/TM50/MS50 Quick Guide,fr	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6016514	1 yr TM60 Monitoring Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	334.00
6016515	2 yr TM60 Monitoring Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	590.00
6016516	3 yr TM60 Monitoring Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	832.00

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Monitoring & Reference Network

TM60 Monitoring TPS

6016517	5 yr TM60 Monitoring Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	1,385.00
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Blue CCP



Article	Description	Market List Price
6016518	1 yr TM60 Monitoring Blue CCP, consisting of: 1 yr Monitoring HW Maint. 1 yr SW Maintenance, 1 yr Customer Support.	2,324.00
6016519	2 yr TM60 Monitoring Blue CCP, consisting of: 2 yr Monitoring HW Maint. 2 yr SW Maintenance, 2 yr Customer Support.	4,190.00
6016520	3 yr TM60 Monitoring Blue CCP, consisting of: 3 yr Monitoring HW Maint. 3 yr SW Maintenance, 3 yr Customer Support.	5,932.00
6016521	5 yr TM60 Monitoring Blue CCP, consisting of: 5 yr Monitoring HW Maint. 5 yr SW Maintenance, 5 yr Customer Support.	9,835.00

Bronze CCP



Article	Description	Market List Price
6016526	1 yr Ext. TM60 Monitoring Bronze CCP, consisting of: 1 yr Extended Warranty 1 yr SW Maintenance, 1 yr Customer Support.	1,354.00
6016522	1st yr TM60 Monitoring Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	334.00
6016523	2 yr TM60 Monitoring Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	590.00
6016524	3 yr TM60 Monitoring Bronze CCP, consisting of: 1 yr Extended Warranty 3 yr SW Maintenance, 3 yr Customer Support.	1,852.00

Monitoring & Reference Network
TM60 Monitoring TPS



6016525	5 yr TM60 Monitoring Bronze CCP, consisting of: 3 yr Extended Warranty 5 yr SW Maintenance, 5 yr Customer Support.	3,985.00
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Monitoring & Reference Network

TM60 Monitoring TPS



Silver CCP



Article	Description	Market List Price
6016527	1st yr TM60 Monitoring Silver CCP, consisting of: 1 yr Monitoring HW Maint. 1 yr SW Maintenance, 1 yr Customer Support.	2,324.00
6016528	2 yr TM60 Monitoring Silver CCP, consisting of: 2 yr Monitoring HW Maint. 2 yr SW Maintenance, 2 yr Customer Support.	4,190.00
6016529	3 yr TM60 Monitoring Silver CCP, consisting of: 3 yr Monitoring HW Maint. 1 yr Extended Warranty 3 yr SW Maintenance, 3 yr Customer Support.	6,952.00
6016530	5 yr TM60 Monitoring Silver CCP, consisting of: 5 yr Monitoring HW Maint. 3 yr Extended Warranty 5 yr SW Maintenance, 5 yr Customer Support.	12,435.00
6016531	1 yr Ext. TM60 Monitoring Silver CCP, consisting of: 1 yr Monitoring HW Maint. 1 yr Extended Warranty 1 yr SW Maintenance, 1 yr Customer Support.	3,344.00

Training



Article	Description	Market List Price
5003304	MS/TS/TM50 Full Day Workflow Training	1,640.00
5003305	MS/TS/TM50 Commissioning	760.00

Monitoring & Reference Network

GM30 Monitoring GNSS

GM30 Receiver

Article	Description	Market List Price
841530	GM30 Monitoring receiver, 555 channels with GPS & GLONASS L1. Multiple 1Hz raw data logging and streaming, including Ethernet and	9,100.00



GM30 SW Option

Article	Description	Market List Price
842484	GRL200 Multi-Frequency for GM30 receiver.	4,050.00
842486	GRL202, Galileo option for GR30/GR50/GM30 GNSS receiver.	1,420.00
842488	GRL203, BeiDou option for GR30/GR50 GNSS receiver.	1,420.00
842489	GRL204, QZSS option for GR30/GR50 GNSS receiver.	1,150.00
865276	GRL205, NavIC option for GR30/GR50/GM30 GNSS receiver. Requires GR30/50 "Baseline" with GRL202 & GRL203, or GR30/50 "Highline" variant or GM30 with GRL200, GRL202 & GRL203.	1,150.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00
774428	GRL107, RINEX Option for GR10 GNSS Receiver.	1,020.00
774429	GRL108, Extended_Formats Option for GR10 GNSS Receiver. Includes BINEX / CMR / CMR+.	805.00
774430	GRL109, 2-20Hz logging and streaming option for GR/GM GNSS Receiver.	805.00
842490	GRL210, 50Hz option for logging and streaming for GR30/GR50/GM30 GNSS receiver. Requires GRL109.	815.00
774432	GRL111, FTP Push Option for GR10 GNSS Receiver.	545.00
774435	GRL114, Site Monitor option for GR/GM GNSS Receiver.	1,080.00
774436	GRL115, Multi-Client option for GR GNSS Receiver.	1,590.00

Monitoring & Reference Network

GM30 Monitoring GNSS



778851	GRL116, Wake-Up option for GR GNSS Receiver.	540.00
778852	GRL117, Extended OWI option for GR GNSS Receiver.	1,580.00
835566	GRL124, Velocity and Displacement-Autonomous Solution Engine - VADASE. For GR/GM GNSS Receiver.	1,540.00

Enduser CCP

Basic CCP



Article	Description	Market List Price
6010871	1 yr GM30 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	522.00
6010872	2 yr GM30 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	930.00
6010873	3 yr GM30 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,310.00
6010874	5 yr GM30 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	2,165.00

Blue CCP



Article	Description	Market List Price
6010875	1 yr GM30 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	847.00
6010876	2 yr GM30 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	1,515.00
6010877	3 yr GM30 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	2,125.00

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Monitoring & Reference Network

GM30 Monitoring GNSS

6010878	5 yr GM30 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	3,525.00
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Bronze CCP



Article	Description	Market List Price
6010879	2 yr GM30 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,520.00
6010880	3 yr GM30 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,370.00
6010881	5 yr GM30 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	4,155.00
6010882	1 yr Ext. GM30 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,112.00

Silver CCP



Article	Description	Market List Price
6010883	2 yr GM30 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,105.00
6010884	3 yr GM30 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,185.00
6010885	5 yr GM30 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,515.00

Monitoring & Reference Network

GM30 Monitoring GNSS



6010886	1 yr Ext. GM30 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,437.00
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Gold CCP



Article	Description	Market List Price
6010887	3 yr GM30 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,185.00
6010888	5 yr GM30 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,515.00

Site Interference Analysis



Important Notice:
Product Management in Heerbrugg must be involved in the pricing strategy for this service before discounted quotations are sent to customers or orders are accepted. It is absolutely forbidden to discount the service without receiving permission from Product Management in advance. A service for free is not accepted and not possible.

Article	Description	Market List Price
5004557	Service for a one-time single site specific interference analysis. Includes: Single site location GNSS tracking performance and related frequency spectrum analysis, proposal and evaluation of interference mitigation configuration based on functionality as is offered by GRL206 SmartTrack+ Interference Mitigation firmware option. Documentation (Analysis Report). The service includes a short temporary activation of GRL206 for the investigation.	4,250.00

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Monitoring & Reference Network

GM30 Monitoring GNSS

Manuals




Article	Description	Market List Price
988528	Leica GR30/GR50/GM30 Quick Guide 1, multilingual (en-de-fr-es-it-nl-da-no-sv-fi)	0.00
988529	Leica GR30/GR50/GM30 Quick Guide 2, multilingual (en-pt-br-hu-pl-cs-sk-et-lv-lt)	0.00
966788	Leica GR30/GR50/GM30 Quick Guide 3, multilingual (en-sl-hr-el-bg-ro-ru-ja-ko-zh)	0.00





Monitoring & Reference Network

GMX910 Monitoring GNSS

GMX910 Receiver

	Article	Description	Market List Price
	842779	GMX910, L1 GPS Smart Antenna for monitoring applications, 555 channels, 10 Hz position output.	4,950.00

GMX910 Software Options


	Article	Description	Market List Price
	843145	GM200 Multi-frequency option for GMX910 SmartAntenna, enables multiple frequency tracking depending on the Satellite system.	4,550.00
	843146	GM201 Glonass option for GMX910 Smart Antenna, enables GLONASS tracking.	1,690.00
	843147	GM203 BeiDou option for GMX910 Smart Antenna, enables BeiDou tracking.	1,690.00
	868657	GM204, Galileo option for GMX910 Smart Antenna, Enables Galileo tracking	1,690.00

Monitoring & Reference Network



GMX910 Monitoring GNSS





Power Supply

	Article	Description	Market List Price
	807696	GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00

Cables

	Article	Description	Market List Price
	743389	GEV197, 2.8m Y-cable. Connects ATX antenna to PC for data transfer (Lemo 8 pin to RS232 9 pin female), and to external power supply (Lemo 5 pin).	640.00
	750073	GEV212, Interface Cable, 5m, TruRover unterminated, connects TruRover to a custom installation.	156.00
	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.	260.00

Extended Warranties

	Article	Description	Market List Price
	5307096	1 yr GMX910 Extended Warranty	220.00
	5307097	2 yr GMX910 Extended Warranty	395.00

Monitoring & Reference Network

GMX910 Monitoring GNSS

- when it has to be **right**



5307098 add 1 yr GMX910 Warranty Extension

220.00



Manuals







Article	Description	Market List Price
845263	Leica GM/GMX USB Documentation Card,en	19.20
845594	GMX910 Quick Guide, multilingual Included Languages: English, German, French, Spanish, Italian, Dutch, Portugeese, Danish, Norwegian, Swedish, Finnish, Ethiopian, Latvian, Lithuanic.	16.70
845632	GMX910 Quick Guide, multilingual Included Languages: Greek, Hungarian, Japaneese,Korean,Polish, Russian, Chinese, Bulgarian, Serbian, Czech, Romanian, Slovenian, Slovakian, Brasil.	16.70

Monitoring & Reference Network

M-Com Monitoring Communication & Proc.

ComBox - ComGate

	Article	Description	Market List Price
	901131	Leica ComGate20, wireless router to connect Leica sensors over USB port or serial port to Ethernet, incl. DSL and GSM/UMTS/LTE connection. Full WLAN support. Variant for Europe	2,800.00
	871247	Leica ComBox60 to connect up to 3 Leica sensors over USB or serial RS232/RS485 port. Integrated modem (LTE, UMTS), including cellular antenna, power supply, mounting bracket, internal battery, Ethernet port adapter, IP66 robust housing, variant for Europe	5,950.00
	871248	Leica ComBox60 to connect up to 3 Leica sensors over USB or serial RS232/RS485 port. Including cellular antenna (LTE), power supply, mounting bracket, mobile data (LTE), internal battery, Ethernet port adapter, IP66 robust housing, variant for USA, Canada and Mexico	5,950.00
	871249	Leica ComBox60 to connect up to 3 Leica sensors over USB or serial RS232/RS485 port. Integrated modem (UMTS), including cellular antenna, power supply, mounting bracket, internal battery, Ethernet port adapter, IP66 robust housing, variant for Latin and South America	5,950.00
	871250	Leica ComBox60 to connect up to 3 Leica sensors over USB or serial RS232/RS485 port. Including cellular antenna (LTE), power supply, mounting bracket, mobile data (LTE), internal battery, Ethernet port adapter, IP66 robust housing, variant for Asia, Australia and New Zealand	5,950.00

ComGate Accessories

	Article	Description	Market List Price
	989808	External wall mounting antenna for ComGate (GSM/UMTS/LTE, 2.4 GHz WLAN)	225.00
	808333	Y-cable for Leica ComGate, 2m, connects Leica MS50/TS50/TM50/MS60/TS60 to USB port on ComGate with open ended wires for power supply and RS232	395.00

Monitoring & Reference Network

M-Com Monitoring Communication & Proc.




772183	GEV240, Interface Cable, 5 m, connects TS30/TM30 to ComBox. (Lemo to unterminated)	365.00
772184	GEV241, Interface Cable, 5 m, connects TPS (1000/1100/1200 and Meteo Sensor) to ComBox. (Lemo to unterminated).	325.00
779138	GEV247, Power cable, 2 m, connects GMX902 to ComBox. (Lemo to unterminated)	280.00

Monitoring & Reference Network

M-Com Monitoring Communication & Proc.

- when it has to be right



	837816	TP meteo sensor, Type PAA-33X, combined temperature pressure sensor supporting RS485 interface, 7.0m cable for data connection and power supply	2,100.00
	750073	GEV212, Interface Cable, 5m, TruRover unterminated, connects TruRover to a custom installation.	156.00
	748489	GEV207, Bus cable (RS485) from NIVEL220 to terminal strip, (Lemo - 4 wires to terminal strip), 1.8m.	265.00
	807696	GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00

ComBox Accessories

Article	Description	Market List Price
871266	Leica TS Series Connect Cable for TS15/TS16 instruments, 3m, Lemo 5-pin male	690.00
871267	Leica TM/MS/GMX Connect Cable for TM60/TS60/MS60 instruments and GMX910 GNSS Smart Antenna, 3m, Lemo 8-pin male	690.00
871269	Vaisala WXT Connect Cable, 3m, M8 connector	685.00
871270	Outdoor Power Supply for ComBox60, 120/240VAC, 90W, 2m	505.00
871271	1m power cable for power supply ComBox60. Usable in the US.	190.00
871272	1m power cable for power supply ComBox60. Usable in the EU and LatAm	190.00
871273	1m power cable for power supply ComBox60. Usable in the UK.	190.00
871274	1m power cable for power supply ComBox60. Usable in Australia.	190.00
871275	1m power cable for power supply ComBox60. Usable in Switzerland.	190.00
871276	Solar Panel Connect Cable, 2m	560.00
950830	TP meteo sensor for ComBox60, Type PAA-33Xi, RS485, combined temperature and pressure sensor, 7.0m cable	2,100.00

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Monitoring & Reference Network

WiSenMeshWAN System

SmartGateways



Article	Description	Market List Price
8251516	WiSenMeshWAN SmartGateway, External connection gateway and central data hub for WiSenMeshWAN sensor nodes. Includes onboard SD memory card, COM interface, digital interface and integrated radio. Compatible with external DC solutions.	4,410.00

Not included and must be ordered additionally:

-COM module

-Antenna



8251517	WiSenMeshWAN SmartGateway Mini, Mini USB SmartGateway for WiSenMeshWAN sensor nodes, connection to local PC. USB powered operation and integrated radio, no internal memory. Supplied with USB A-A cable.	1,450.00
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Not included and must be ordered additionally:

-Radio antenna

Sensor Nodes



Article	Description	Market List Price
8252571	WiSenMeshWAN Omni Tilt-R Node, Omni-axis tilt node with integrated radio, IP66, internal antenna, ABS plastic cover.	1,070.00



8251518	WiSenMeshWAN Omni Tilt Node, Omni-axis tilt node with integrated radio, IP66.	1,060.00
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Not included and must be ordered additionally:

-Radio antenna



8251520	WiSenMeshWAN Omni Tilt & Distance Node, Combined omni-axis tilt and distance node with integrated radio, IP66.	1,870.00
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Not included and must be ordered additionally:

-Radio antenna

Interface Nodes

Article	Description	Market List Price
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Monitoring & Reference Network

WiSenMeshWAN System

- when it has to be **right**



- 8251521 WiSenMeshWAN Interface Node Digital 1CH, Interface node for compatible digital interface units, 1-channel interface node with integrated radio, IP66.
Digital interface usage is limited to approved WiSenMeshWAN compatibility list products (wisencn.com).

870.00

Not included and must be ordered additionally:
-External digital device
-Radio antenna



- 8251522 WiSenMeshWAN Interface Node VW 1CH, 1-channel vibrating wire (VW) interface node with integrated radio, IP66.
Enables connection for one external vibrating wire sensor.

705.00

Not included and must be ordered additionally:
-VW device
-Radio antenna



- 8252572 WiSenMeshWAN Interface Node VW 4CH, 4-channel vibrating wire (VW) interface node with integrated radio, IP66.
Enables connection for four external vibrating wire sensors.

1,315.00

Not included and must be ordered additionally:
-VW device
-Radio antenna

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Monitoring & Reference Network

WiSenMeshWAN System

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8252573 WiSenMeshWAN Interface Node Analog 1CH, 1-channel analog voltage reading interface node with integrated radio, IP66. Enables connection for one external analog voltage sensor.

1,280.00

Not included and must be ordered additionally:
-VW device
-Radio antenna

Communication Modules



Article **Description**
8252875 WiSen COM module GSM:Global, Communications module for WiSen SmartGateway. GSM connection board for micro SIM, 2G/2.5G/3G/4G data connection compatible.

Market List Price
485.00

Global frequency compatible using SIMCOM7600G chipset

Power



Article **Description**
8251251 WiSen Power Adapter AC/DC, 100~240VAC/12VDC @ 3.33A, IP68 outdoor power adapter for AC to DC power conversion for use with WiSen SmartGateway.

Market List Price
195.00

Supplied with 5m cable & Europlug connector type F



8256307 WiSen Power Adapter AC/DC, 100~240VAC/12VDC @ 3.33A, IP68 outdoor power adapter for AC to DC power conversion for use with WiSen SmartGateway. Supplied with 5m cable & AU/NZ/CN connector type I

179.00



8251250 WiSen External Battery Unit, Extended capacity external battery unit with 6 batteries preinstalled providing DC output to connected to WiSen nodes & SmartGateways that are compatible with external DC solutions.

900.00



8251267 WiSen Battery (Set of 12). Set of 12 Lithium 3.6V Battery, [ER34615] for WiSen standard power units.

405.00



8251247 WiSen Solar Panel, WiSen external 12W Solar Panel for connection to WiSen Solar unit charge Controller, IP66.

115.00

Not included and must be ordered additionally:
-WiSen Solar Charge Controller

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Monitoring & Reference Network

WiSenMeshWAN System



8251248 WiSen Solar Charge Controller, 12VDC rechargeable power pack and solar charge controller for connection with WiSen Solar Panel. Requires external input to charge DC power pack 15VDC@3A. IP66.
Can be connected to WiSen SmartGateway




965.00

Not included and must be ordered additionally:
-WiSen Solar Panel


Monitoring & Reference Network

WiSenMeshWAN System

Mounting Kits

	Article	Description	Market List Price
	8252574	WiSen Tilt Node: Dual Plate Mounting Set, Mounting plate with detachable base and node plates for Omni Tilt / Omni Tilt-R.	55.00
	8252575	WiSen Standard Mounting Kit, WiSen standard mounting kit for installation. Flat plate with predrilled holes for direct surface fixing and U-bolt connectors for circular object clamping.	55.00
	8252576	<p>Compatible with:</p> <ul style="list-style-type: none"> -WiSen Omni Tilt / Omni Tilt-R Nodes -WiSen Tilt & Distance Node -WiSenMeshWAN Interface Node Digital 1CH -WiSenMeshWAN Interface Node VW 1CH -WiSenMeshWAN Interface Node Analog 1CH <p>WiSen Large Mounting Kit, WiSen Large mounting kit for installation. Flat plate with predrilled holes for direct surface fixing and U-bolt connectors for circular object clamping.</p>	70.00
	8256547	<p>Compatible with:</p> <ul style="list-style-type: none"> -WiSenMeshWAN SmartGateway -WiSenMeshWAN Interface Node VW 4CH -WiSen Solar Charge Controller -WiSen External Battery Unit <p>Rotational bracket set for WiSen Omni Tilt & Distance Node to enable easy mounting and levelling of node with horizontal mount plate.</p>	98.50

Programming Cables

	Article	Description	Market List Price
	8251260	WiSen FW Programming Cable, Programming cable for FW updates, SmartGateway configuration and radio protocol updates.	145.00
		<p>Compatible with:</p> <ul style="list-style-type: none"> -WiSenMeshWAN nodes -WiSenMeshWAN SmartGateways 	

Antennas

Article	Description	Market List Price
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Monitoring & Reference Network

WiSenMeshWAN System

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8251262	WiSen Antenna GSM 4G Paddle, GSM flat paddle antenna, SMA direct mount connector, omni directional, 90° flex joint.	20.00
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Compatible with:
-WiSen COM modules GSM



8251526	WiSen Antenna GSM 4G Omni 50m Cable, GSM pole paddle antenna, SMA direct mount connector, omni directional, 50m cable.	415.00
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Compatible with:
- WiSen COM modules GSM



8251528	WiSenMeshWAN Antenna Whip (+5dBi), Radio whip antenna, RP-SMA direct mount connector, omni directional, 90° flex joint.	15.00
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Compatible with:
-WiSenMeshWAN nodes
-WiSenMeshWAN SmartGateways

Monitoring & Reference Network


WiSenMeshWAN System

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	8252578	WiSenMeshWAN Antenna Pole + 0.3m (+8dBi), Radio 0.4m pole antenna with 0.3m cable, RP-SMA direct mount connector, omni directional, supplied with clamping bracket to node.	130.00
	Compatible with: -WiSenMeshWAN nodes -WiSenMeshWAN SmartGateways		
	8252579	WiSenMeshWAN Antenna Pole + 5.0m (+8dBi), Radio 0.4m pole antenna with 5.0m cable, RP-SMA direct mount connector, omni directional, supplied with clamping bracket to node.	155.00
	Compatible with: - WiSenMeshWAN nodes - WiSenMeshWAN SmartGateways		

Digital Devices

	Article	Description	Market List Price
	8251236	WiSen Digital Sensor: Distance, WiSen compatible external digital distance measuring unit, requires cable connection to WiSenMeshWAN Interface Node Digital 1CH, IP66.	1,125.00

Replacement Enclosure Seals

	Article	Description	Market List Price
	8252794	WiSen Enclosure Seal 80x75 (Set of 10). Set of 10 WiSen enclosure seals (80x75), replacement silicone seal for enclosure.	18.60
	Compatible with: -WiSen Omni Tilt / Omni Tilt-R Nodes -WiSen Digital Sensor: Distance		
	8252795	WiSen Enclosure Seal 100x100 (Set of 10), Set of 10 WiSen enclosure seals (100x100), replacement silicone seal for enclosure.	25.00
	Compatible with: -WiSen Tilt & Distance Node -WiSenMeshWAN Interface Node Digital 1CH -WiSenMeshWAN Interface Node VW 1CH -WiSenMeshWAN Interface Node Analog 1CH		

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WiSenMeshWAN System



8252796	WiSen Enclosure Seal 180x140 (Set of 10), Set of 10 WiSen enclosure seals (180x140), replacement silicone seal for enclosure.	34.50
Compatible with:		
-WiSenMeshWAN SmartGateway		
-WiSenMeshWAN Interface Node VW 4CH		
-WiSen Solar Charge Controller		
-WiSen External Battery Unit		

Software Service

Article	Description	Market List Price
997384	WiSen Webportal Account Setup, Initial customer setup for the webportal services enabling customer project and store accounts. Ordered once per customer.	495.00

Monitoring & Reference Network

Leica GeoMoS



Monitor



Article	Description	Market List Price
774119	GeoMoS Monitor (without GeoMoS Sensor Licenses, it can be used as GeoMoS Office).	2,050.00
774134	GeoMoS Sensor License (to activate sensors in the GeoMoS Sensor Manager, example: 1 TPS needs 30 licenses).	164.00
774135	GeoMoS Monitor Option 1 (TPS Computation).	7,050.00
774136	GeoMoS Monitor Option 2 (Limit Check and Messaging, e.g. E-Mail, Command).	3,750.00
774137	GeoMoS Monitor Option 3 (Export Service for GeoMoS Adjustment).	1,620.00
807098	GeoMoS Monitor Option 4 (Surface Monitoring, Scanning)	5,800.00
838783	GeoMoS Monitor Option 5 (API)	1,690.00
723367	GeoMoS Software on CD with instruction.	32.00
774328	GeoMoS Evaluation Trial License valid for 30 days	0.10
774133	GeoMoS Monitor TimeLimited (30 days) including 100 sensor licenses, Option 1 and Option 2	1,490.00
955644	GeoMoS Monitor Professional TimeLimited (30 days), including 500 sensor licenses and all GeoMoS Options 1 to 5	2,850.00
6018309	GNSS Monitoring Bundle TimeLimited (30d)	794.00

Edge

Subscription (1 yr)

Article	Description	Market List Price
5310503	GeoMoS Edge Subscription (1yr) for GeoMoS Edge and IoT connectivity using EdgeConnect technology for 1 device	560.00
5310504	GeoMoS Edge Add 5 devices (1 yr) Add 5 devices to the 1 yr GeoMoS Edge Subscription.	1,520.00

Subscription (3 mths)

Article	Description	Market List Price
5310505	GeoMoS Edge Subscription (3 mths) for GeoMoS Edge and IoT connectivity using EdgeConnect technology for 1 device	191.00
5310506	GeoMoS Edge Add 5 devices (3 mths) Add 5 devices to the 1 yr GeoMoS Edge Subscription.	560.00

iControl

Article	Description	Market List Price
5312967	GeoMoS iControl Subscription 3mth, 3 months subscription including 40 GeoMoS Monitor Sensor Licenses to connect 4 NMEA streams from iCG160 and GeoMoS Option 2 Limit Check and Messaging	2,350.00

Monitoring & Reference Network

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Analyzer



Article	Description	Market List Price
774120	GeoMoS Analyzer.	5,400.00
774138	GeoMoS Analyzer Option 1 (Post Processing).	3,550.00
723367	GeoMoS Software on CD with instruction.	32.00
774328	GeoMoS Evaluation Trial License valid for 30 days	0.10

Adjustment



Article	Description	Market List Price
774121	GeoMoS Adjustment.	25,400.00
723367	GeoMoS Software on CD with instruction.	32.00
774328	GeoMoS Evaluation Trial License valid for 30 days	0.10

Upgrades



Article	Description	Market List Price
6004463	GeoMoS Upgrade Bundle	14,270.00
780056	GeoMoS Monitor Upgrade to 5.1	5,950.00
780057	GeoMoS Analyzer Upgrade to 5.1	1,620.00
780058	GeoMoS Adjustment Upgrade to 5.1	6,700.00

Active Customer Care

Enduser CCP Monitor



The below listed prices are valid for a Geomos Monitor License configuration with exactly quantity 1 of each option. Generally the 1 year CCP price is calculated based on the effective License configuration at 20% of corresponding License Market List Price.

Article	Description	Market List Price
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6004311	1 yr GeoMoS Monitor CCP Basic, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	4,094.90
6004312	2 yr GeoMoS Monitor CCP Basic, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	7,374.60
6004313	3 yr GeoMoS Monitor CCP Basic, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	10,451.90

Enduser CCP Analyzer



The below listed prices are valid for a Geomos Analyzer License configuration with exactly quantity 1 of each option. Generally the 1 year CCP price is calculated based on the effective License configuration at 20% of corresponding License Market List Price.

Article	Description	Market List Price
6004324	1 yr GeoMoS Analyzer CCP Basic, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	1,651.00
6004325	2 yr GeoMoS Analyzer CCP Basic, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,965.00
6004326	3 yr GeoMoS Analyzer CCP Basic, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	4,195.00

Enduser CCP Adjustment



Article	Description	Market List Price
6004330	1 yr GeoMoS Adjustment CCP Basic, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	4,730.00

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6004332 2 yr GeoMoS Adjustment CCP Basic,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

8,440.00

Monitoring & Reference Network

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6004333	3 yr GeoMoS Adjustment CCP Basic, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	12,000.00
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Commissioning & Training



Article	Description	Market List Price
5002024	Installation support per day for GeoMoS Software excl. travel expenses.	2,150.00
5002025	Training at customer site per day for GeoMoS Software excl. travel expenses.	2,150.00
5002026	Customizing per day GeoMoS.	2,050.00
5003517	On-site consulting and training for GeoMoS Adjustment (2 days)	2,150.00

Monitoring & Reference Network

Leica GeoMoS Now!

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Cloud Version



Article	Description	Market List Price
5306355	Leica GeoMoS Now! Standard, 3 month subscription, including 2 users and 100 points per view.	685.00
5306356	Leica GeoMoS Now! Professional, 3 month subscription, including 10 users and 600 points per view	1,650.00
5306357	Leica GeoMoS Now! Enterprise, 3 month subscription, including 20 users and unlimited points	2,900.00
5306358	Leica GeoMoS Now! 30 days evaluation subscription, including 5 users and unlimited points	0.10
5307371	1 yr Leica GeoMoS Now! Survey Edition, including 20 users and unlimited points.	1,490.00
5311399	Leica GeoMoS Now! Survey Edition Trial, 30 days trial subscription including 20 users and unlimited points	144.00
5312265	Leica GeoMoS Now! Standard, 1 year subscription including 2 users and 100 points per view	2,700.00
5312266	Leica GeoMoS Now! Professional, 1 year subscription including 10 users and 600 points per view	6,550.00
5312267	Leica GeoMoS Now! Enterprise, 1 year subscription including 20 users and unlimited points	11,600.00

On-premises Subscriptions



Subscription

Article	Description	Market List Price
5306246	GeoMoS Now! On-premises, 1 year subscription incl. 2 Users and 100 points per View	3,550.00
5306358	Leica GeoMoS Now! 30 days evaluation subscription, including 5 users and unlimited points	0.10

Monitoring & Reference Network

Leica GeoMoS Now!



Options

Article	Description	Market List Price
5306247	GeoMoS Now! Additional User (1 year)	640.00
5306248	GeoMoS Now! 600 Points Option per View (1 year)	1,560.00
5306249	GeoMoS Now! Unlimited Points Option (1 year)	7,550.00

On-premises Perpetual

Basic License

Article	Description	Market List Price
848762	GeoMoS Now! On-premises, incl. 2 Users and 100 points per view	4,900.00

Options

Article	Description	Market List Price
848763	GeoMoS Now! Additional User	870.00
848764	GeoMoS Now! 600 Points Option per View	2,150.00
848765	GeoMoS Now! Unlimited Points Option	10,400.00

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Active Customer Care

Enduser CCP



Article	Description	Market List Price
6011436	1 yr GeoMoS Now! CCP Basic, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	3,577.00
6011437	2 yr GeoMoS Now! CCP Basic, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	6,412.00
6011438	3 yr GeoMoS Now! CCP Basic, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	9,094.00

Monitoring & Reference Network

GeoMonitoring Hub



HxGN Monitoring Hub Server

Article	Description	Market List Price
872930	GeoMonitoring Hub Server, Basic version , can only be used with a feature below	7,900.00

Options

Article	Description	Market List Price
872931	GeoMonitoring Hub Option Lite, including 200 Sensor Credits to connect GeoMoS with 100 prisms (2 sensor credits per prism)	3,200.00
872932	GeoMonitoring Hub Option Medium, including 600 Sensor Credits to connect GeoMoS with 100 prisms (2 sensor credits per prism) and 1 IBIS radar (400 sensor credits per radar)	8,550.00
872933	GeoMonitoring Hub Option Large, including 2000 Sensor Credits to connect GeoMoS with 400 prisms (2 sensor credits per prism) and 3 IBIS radar (400 sensor credits per radar)	25,200.00
872934	GeoMonitoring Hub Option TPS Processing, direct connection to Trimble / Topcon Total Stations / connect multiple TPS limited by the credits	3,950.00
872935	GeoMonitoring Hub Option Advanced Report, generate pdf templates for sophisticated reporting	11,900.00
878757	GeoMonitoring Hub Option InSAR, import and analysis of InSAR data	15,000.00

Monitoring & Reference Network

GeoMonitoring Hub



929933	GeoMonitoring Hub Option Photos & Documents, allows import of photos and documentation	5,500.00
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Active Customer Care

Enduser CCP



Article	Description	Market List Price
6014724	1 yr GeoMonitoring Hub CCP Basic, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	14,044.00
6014725	2 yr GeoMonitoring Hub CCP Basic, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	25,290.00
6014726	3 yr GeoMonitoring Hub CCP Basic, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	35,770.00

Monitoring & Reference Network

Leica CrossCheck

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Important Notice:

Product Management in Heerbrugg must be involved in the pricing strategy for this service before discounted quotations are sent to customers or orders are accepted. It is absolutely forbidden to discount the service without receiving permission from Product Management in advance. A service for free is not accepted and not possible.

Single Computation Service

The CrossCheck Coordinate Service Base Fee includes a single processing of data from one or more GNSS sites according to the number of CrossCheck Coordinate Service Site Fee that are purchased. A combined network adjustment is computed using all sites and multiple days of data (if available). One processing report is provided for each CrossCheck Coordinate Service Base Fee purchased.

Article	Description	Market List Price
5002093	CrossCheck Coordinate Service Base Fee.	4,950.00
5002076	CrossCheck Coordinate Service Site Fee.	53.50

Monitoring Service

The CrossCheck Monitoring Setup Fee is a one time fee to setup the automatic processing service and web access. The ongoing processing of the GNSS data is provided by the CrossCheck Quarterly Subscription Base Fee and CrossCheck Quarterly Subscription Per Site fees. Customer requested modifications to the service subsequent to the initial setup require a CrossCheck Administration Fee to be paid. Changes to the service include: adding, removing or changing sites, changing the processing strategy, changing the processing interval.

Article	Description	Market List Price
5002094	CrossCheck Monitoring Setup Fee.	3,750.00
5302771	CrossCheck Quarterly Subscription Base Fee.	2,500.00
5302772	CrossCheck Quarterly Subscription Per Site.	86.50
5002120	CrossCheck Administration Fee.	270.00

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Monitoring & Reference Network

GR50 Reference Stn GNSS


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GR50 Bluetooth Receiver Variants

	Article	Description	Market List Price
	841152	GR50 Baseline, GNSS Reference Server, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, Bluetooth, serial, slot-in module; USB host & client interfaces; on-board screen & keypad; dual power input and slot-in battery; PPS out, event input and external oscillator port. Includes: * Dual GNSS constellation & multi-frequency package: GPS & GLONASS"	14,600.00
	841153	GR50 Highline, GNSS Reference Server, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, Bluetooth, serial, slot-in module; USB host & client interfaces; on-board screen & keypad; dual power input and slot-in battery; PPS out, event input and external oscillator port. Includes: * Full GNSS constellation & multi-frequency package: GPS, GLONASS, Galileo, BeiDou, QZSS; * Server Package: RINEX, FTP push, Multi-client & Ntrip caster.	21,500.00

GR50 WLAN Receiver Variants

	Article	Description	Market List Price
	841154	GR50W Baseline, GNSS Reference Server, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, WLAN, serial, slot-in module; USB host & client interfaces; on-board screen & keypad; dual power input and slot-in battery; PPS out, event input and external oscillator port. (WLAN ready: needs GRL120 WLAN option for using WLAN connectivity.) Includes: * Dual GNSS constellation & multi-frequency package: GPS & GLONASS	14,600.00

Monitoring & Reference Network

GR50 Reference Stn GNSS

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841155	GR50W Highline, GNSS Reference Server, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, WLAN, serial, slot-in module; USB host & client interfaces; on-board screen & keypad; dual power input and slot-in battery; PPS out, event input and external oscillator port. (WLAN ready: needs GRL120 WLAN option for using WLAN connectivity.) Includes: * Full GNSS constellation & multi-frequency package: GPS, GLONASS, Galileo, BeiDou, QZSS; * Server Package: RINEX, FTP push, Multi-client & Ntrip caster.	21,500.00
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SW Options

Satellite Tracking

Article	Description	Market List Price
842486	GRL202, Galileo option for GR30/GR50/GM30 GNSS receiver.	1,420.00
842488	GRL203, BeiDou option for GR30/GR50 GNSS receiver.	1,420.00
842489	GRL204, QZSS option for GR30/GR50 GNSS receiver.	1,150.00
865276	GRL205, NavIC option for GR30/GR50/GM30 GNSS receiver. Requires GR30/50 "Baseline" with GRL202 & GRL203, or GR30/50 "Highline" variant or GM30 with GRL200, GRL202 & GRL203.	1,150.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00

Application Features

Article	Description	Market List Price
774430	GRL109, 2-20Hz logging and streaming option for GR/GM GNSS Receiver.	805.00
842490	GRL210, 50Hz option for logging and streaming for GR30/GR50/GM30 GNSS receiver. Requires GRL109.	815.00
774428	GRL107, RINEX Option for GR10 GNSS Receiver.	1,020.00
774432	GRL111, FTP Push Option for GR10 GNSS Receiver.	545.00
774436	GRL115, Multi-Client option for GR GNSS Receiver.	1,590.00

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GR50 Reference Stn GNSS



774429	GRL108, Extended_Formats Option for GR10 GNSS Receiver. Includes BINEX / CMR / CMR+.	805.00
774435	GRL114, Site Monitor option for GR/GM GNSS Receiver.	1,080.00
778851	GRL116, Wake-Up option for GR GNSS Receiver.	540.00
778852	GRL117, Extended OWI option for GR GNSS Receiver.	1,580.00
835566	GRL124, Velocity and Displacement-Autonomous Solution Engine - VADASE. For GR/GM GNSS Receiver.	1,540.00

Monitoring & Reference Network

GR50 Reference Stn GNSS



805687 GRL120 WLAN option for WLAN ready GR25/50 receiver. 540.00

Enduser CCP

Basic CCP



Article	Description	Market List Price
6010897	1 yr GR30/GR50 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	482.00
6010898	2 yr GR30/GR50 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	860.00
6010899	3 yr GR30/GR50 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,210.00
6010900	5 yr GR30/GR50 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	1,995.00

Blue CCP



Article	Description	Market List Price
6010901	1 yr GR30/GR50 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	807.00
6010902	2 yr GR30/GR50 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	1,445.00
6010903	3 yr GR30/GR50 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	2,025.00
6010904	5 yr GR30/GR50 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	3,355.00

Bronze CCP



Article	Description	Market List Price
6010905	2 yr GR30/GR50 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,450.00
6010906	3 yr GR30/GR50 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,270.00
6010907	5 yr GR30/GR50 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	3,985.00
6010908	1 yr Ext. GR30/GR50 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,072.00

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Monitoring & Reference Network

GR50 Reference Stn GNSS

Silver CCP



Article	Description	Market List Price
6010909	2 yr GR30/GR50 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,035.00
6010910	3 yr GR30/GR50 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,085.00
6010911	5 yr GR30/GR50 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,345.00
6010912	1 yr Ext. GR30/GR50 Silver CCP, consisting of: 1 yr HW Maintenance. 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,397.00

Gold CCP



Article	Description	Market List Price
6010913	3 yr GR30/GR50 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,085.00
6010914	5 yr GR30/GR50 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,345.00

Commissioning & Training



Article	Description	Market List Price
5002475	Commissioning GR Receiver	795.00
5002474	Full Day Training GR Receiver	2,300.00
5004147	GR30/GR50 Full Day Workflow Training	1,730.00
5004148	GR30/GR50 Commissioning	795.00

Monitoring & Reference Network

GR50 Reference Stn GNSS

Site Interference Analysis



Important Notice:

Product Management in Heerbrugg must be involved in the pricing strategy for this service before discounted quotations are sent to customers or orders are accepted. It is absolutely forbidden to discount the service without receiving permission from Product Management in advance. A service for free is not accepted and not possible.

Article	Description	Market List Price
5004557	Service for a one-time single site specific interference analysis. Includes: Single site location GNSS tracking performance and related frequency spectrum analysis, proposal and evaluation of interference mitigation configuration based on functionality as is offered by GRL206 SmartTrack+ Interference Mitigation firmware option. Documentation (Analysis Report). The service includes a short temporary activation of GRL206 for the investigation.	4,250.00

Manuals




Article	Description	Market List Price
988528	Leica GR30/GR50/GM30 Quick Guide 1, multilingual en-de-fr-es-it-nl-da-no-sv-fi)	0.00
988529	Leica GR30/GR50/GM30 Quick Guide 2, multilingual (en-pt-br-hu-pl-cs-sk-et-lv-lt)	0.00
966788	Leica GR30/GR50/GM30 Quick Guide 3, multilingual (en-sl-hr-el-bg-ro-ru-ja-ko-zh)	0.00

Monitoring & Reference Network

GR30 Reference Stn GNSS

GR30 Receiver Variants

	Article	Description	Market List Price
	841150	GR30 Baseline, GNSS Reference Receiver, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, serial, slot-in module; dual power input and external oscillator port. Includes: * Dual GNSS constellation and multi-frequency package: GPS & GLONASS	11,700.00
	841151	GR30 Highline,GNSS Reference Receiver, 555 channels, multiple 1Hz native raw data logging and streaming including RTK corrections; Ethernet, serial, slot-in module; dual power input and external oscillator port. Includes: *Full GNSS constellation and multi-frequency package: GPS, GLONASS, Galileo, BeiDou, QZSS *Server Package: RINEX, FTP push,Multi-client & Ntrip caster.	18,800.00

SW Options

Satellite Tracking

Article	Description	Market List Price
842486	GRL202, Galileo option for GR30/GR50/GM30 GNSS receiver.	1,420.00
842488	GRL203, BeiDou option for GR30/GR50 GNSS receiver.	1,420.00
842489	GRL204, QZSS option for GR30/GR50 GNSS receiver.	1,150.00
865276	GRL205, NavIC option for GR30/GR50/GM30 GNSS receiver. Requires GR30/50 "Baseline" with GRL202 & GRL203, or GR30/50 "Highline" variant or GM30 with GRL200, GRL202 & GRL203.	1,150.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00

Application Features

Article	Description	Market List Price
774430	GRL109, 2-20Hz logging and streaming option for GR/GM GNSS Receiver.	805.00
842490	GRL210, 50Hz option for logging and streaming for GR30/GR50/GM30 GNSS receiver. Requires GRL109.	815.00

Monitoring & Reference Network

GR30 Reference Stn GNSS



774428	GRL107, RINEX Option for GR10 GNSS Receiver.	1,020.00
774432	GRL111, FTP Push Option for GR10 GNSS Receiver.	545.00
774436	GRL115, Multi-Client option for GR GNSS Receiver.	1,590.00
774429	GRL108, Extended_Formats Option for GR10 GNSS Receiver. Includes BINEX / CMR / CMR+.	805.00
774435	GRL114, Site Monitor option for GR/GM GNSS Receiver.	1,080.00
778851	GRL116, Wake-Up option for GR GNSS Receiver.	540.00
778852	GRL117, Extended OWI option for GR GNSS Receiver.	1,580.00
835566	GRL124, Velocity and Displacement-Autonomous Solution Engine - VADASE. For GR/GM GNSS Receiver.	1,540.00

Enduser CCP

Basic CCP



Article	Description	Market List Price
6010897	1 yr GR30/GR50 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	482.00
6010898	2 yr GR30/GR50 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	860.00
6010899	3 yr GR30/GR50 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,210.00
6010900	5 yr GR30/GR50 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	1,995.00

Blue CCP



Article	Description	Market List Price
6010901	1 yr GR30/GR50 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	807.00
6010902	2 yr GR30/GR50 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	1,445.00
6010903	3 yr GR30/GR50 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	2,025.00

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GR30 Reference Stn GNSS



6010904	5 yr GR30/GR50 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	3,355.00
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Monitoring & Reference Network

GR30 Reference Stn GNSS

Bronze CCP



Article	Description	Market List Price
6010905	2 yr GR30/GR50 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,450.00
6010906	3 yr GR30/GR50 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,270.00
6010907	5 yr GR30/GR50 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	3,985.00
6010908	1 yr Ext. GR30/GR50 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,072.00

Silver CCP



Article	Description	Market List Price
6010909	2 yr GR30/GR50 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,035.00
6010910	3 yr GR30/GR50 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,085.00
6010911	5 yr GR30/GR50 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,345.00
6010912	1 yr Ext. GR30/GR50 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,397.00

Gold CCP



Article	Description	Market List Price
6010913	3 yr GR30/GR50 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,085.00
6010914	5 yr GR30/GR50 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,345.00

Monitoring & Reference Network

GR30 Reference Stn GNSS



Commissioning & Training

Article	Description	Market List Price
5002475	Commissioning GR Receiver	795.00
5002474	Full Day Training GR Receiver	2,300.00
5004148	GR30/GR50 Commissioning	795.00
5004147	GR30/GR50 Full Day Workflow Training	1,730.00

Site Interference Analysis



Important Notice:
Product Management in Heerbrugg must be involved in the pricing strategy for this service before discounted quotations are sent to customers or orders are accepted. It is absolutely forbidden to discount the service without receiving permission from Product Management in advance. A service for free is not accepted and not possible.

Article	Description	Market List Price
5004557	Service for a one-time single site specific interference analysis. Includes: Single site location GNSS tracking performance and related frequency spectrum analysis, proposal and evaluation of interference mitigation configuration based on functionality as is offered by GRL206 SmartTrack+ Interference Mitigation firmware option. Documentation (Analysis Report). The service includes a short temporary activation of GRL206 for the investigation.	4,250.00

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GR30 Reference Stn GNSS

Manuals








Article	Description	Market List Price
988528	Leica GR30/GR50/GM30 Quick Guide 1, multilingual (en-de-fr-es-it-nl-da-no-sv-fi)	0.00
988529	Leica GR30/GR50/GM30 Quick Guide 2, multilingual (en-pt-br-hu-pl-cs-sk-et-lv-lt)	0.00
966788	Leica GR30/GR50/GM30 Quick Guide 3, multilingual (en-sl-hr-el-bg-ro-ru-ja-ko-zh)	0.00

Monitoring & Reference Network

GNSS Antennas and Antenna Cables

Antennas

	Article	Description	Market List Price
	765733	AR25, GNSS choke-ring antenna for GPS/GLONASS/Galileo/BeiDou/QZSS receivers. Includes L-Band signals.	14,300.00
	765734	Weather protection radome for the AR25 Choke Ring Antenna.	440.00
	794207	AR20, GNSS reference station antenna, 30dB gain, for GPS/GLONASS/Galileo/BeiDou/QZSS/NavIC receivers. Includes L-Band signals. Choke Ring	8,400.00
	794208	Weather protection radome for the AR20 Choke Ring Antenna.	440.00
	773758	AR10, GNSS reference station antenna, 30dB gain, for GPS/GLONASS/Galileo/BeiDou/QZSS/NavIC receivers. Includes L-Band signals. Built-in ground plane.	3,350.00
	874806	AR20, GNSS reference station antenna, 40dB gain, for GPS/GLONASS/Galileo/BeiDou/QZSS/NavIC receivers. Includes L-Band signals. Choke Ring	8,400.00
	874808	AR10, GNSS reference station antenna, 40dB gain, for GPS/GLONASS/Galileo/BeiDou/QZSS/NavIC receivers. Includes L-Band signals. Built-in ground plane.	3,350.00

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GNSS Antennas and Antenna Cables

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892427 AS11, High precision multi-frequency GNSS antenna.

1,830.00

Calibration Service for Antennas

Note: Calibration performed by ROBOT or by CHAMBER may not necessarily be identical or compatible.

The calibration process takes considerable amount of time and will delay the delivery of goods up to a few weeks, depending work load of the calibration facility. This also depends on the quantity of antennas to be calibrated. For information about expected delivery time for your order please contact Global Logistics.

Article	Description	Market List Price
5002610	Antenna ROBOT calibration service (GPS only), executed by Geo++.	1,460.00
5002611	Antenna ROBOT calibration service (GPS+GLONASS), executed by Geo++.	1,810.00
5005306	Antenna ROBOT calibration service (Multi-Frequency / Multi-GNSS), executed by Geo++.	2,050.00
5005307	Antenna CHAMBER calibration service (Multi-Frequency / Multi-GNSS), executed by University Bonn.	1,810.00

Monitoring & Reference Network

GNSS Antennas and Antenna Cables



Extended Warranty AR10/20/25

Article	Description	Market List Price
5302680	1 yr AR25 Extended Warranty	260.00
5302681	2 yr AR25 Extended Warranty	470.00
5302682	add 1 yr AR25 Extended Warranty	260.00
5304398	1 yr AR20 Extended Warranty	205.00
5304399	2 yr AR20 Extended Warranty	360.00
5304400	add 1 yr AR20 Extended Warranty	205.00
5303389	1 yr AR10 Extended Warranty	140.00

Monitoring & Reference Network

GNSS Antennas and Antenna Cables



5303390 2 yr AR10 Extended Warranty 250.00

5303391 add 1 yr AR10 Extended Warranty 140.00

Antenna Cables

Short Cables

Article	Description	Market List Price
667200	1.2m antenna cable.	87.00



667201	1.6m extension for antenna cable.	87.00
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724969	GEV194, 1.8m antenna cable, To be used for balanced all-on-the-pole setup.	130.00
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788145	GEV253, Antenna Cable, 3/8", 2m.	295.00
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Medium Cables

Article	Description	Market List Price
636959	2.8m antenna cable.	139.00




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GNSS Antennas and Antenna Cables


	632372	10m antenna cable.	174.00
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	788146	GEV254, Antenna Cable, 3/8", 10m.	400.00
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Long Cables

Article	Description	Market List Price
 632390	30m antenna cable.	525.00

	664813	50m antenna cable.	890.00
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	713483	GEV135 Antenna cable 70m	1,310.00
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Lightning protection for GNSS Receiver & Ant.

Note: A lightning protector requires solid earthing and should be installed near to each device that shall be protected.

Article	Description	Market List Price
938155	EMP Lightning Protector (arrestor) for antenna to receiver connection, 800-2500 MHz, DC pass-through, Fine protector hybrid technology with fix installed GDT, 2x TNC jack (female)	385.00
1000779	Grounding ring for 938155 EMP lightning protector. (9075.99.0026)	15.00

Monitoring & Reference Network

GNSS Antennas and Antenna Cables



Lightning protection for radio modem devices

Article	Description	Market List Price
8238510	Lightning protection	1,215.00
8238541	Fuse for lightning protection	75.00
1000780	Grounding ring for 8238510 Lightning protector with insert fuse (9075.99.0027)	15.00

Power Supply Equipment

Mains Power Supply



Article	Description	Market List Price
807696	GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00
731772	Power Cord for Dual Bay Charger GKL24, US-Version.	39.50
948756	GEV243, Charger for GEB371/373 external battery or power supply for GR receiver, for indoor use only, input 100V-240VAC 50-60HZ, output 24VDC, cable with 5-pin Lemo to connect to receiver or battery.	340.00

Power Cables

Article	Description	Market List Price
722411	ASSEMBLY, CABLE, +12 VDC POWER, 5 PIN LE	163.00



439038	Car battery cable 4m, to connects 12V car battery.	440.00
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560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.	260.00
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774438	GEV243, Y Cable, 2.8m, GR Receiver to GR Power Supply and External Battery.	620.00
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Monitoring & Reference Network

GRxx Accessories & Services

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833864 GEV277, cable for using a GEB371 as Uninterruptible Power Supply (UPS).

505.00

Batteries



Article 905305 **Description** GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, multilingual, included

Market List Price
810.00



971703 GEB243 Battery int Li-Ion 14.4V/6400mAh

520.00

Data Storage and Data Transfer

Memory Devices



Article 767856 **Description** MSD1000, SD memory card 1GB

789139 MSD8, SD memory card 8GB.

774443 MSD32, SD Memory Card 32 GB

745995 MCF1000, CompactFlash card 1GB.

772567 MCF8000, CompactFlash card 8GB.

765199 MS1, USB memory stick, 1GB.

Market List Price
260.00

705.00

880.00

440.00

525.00

215.00

Card Reader





Article 767895 **Description** MCR7 USB card reader for SD- and CF-cards.

Market List Price
885.00

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Data Transfer Cables

	Article	Description	Market List Price
	733280	GEV160, 2.8m Data transfer cable, connects GPS1200 or RX1220 to PC (9-pin RS232 serial).	174.00
	563809	Cable for connecting CR344 GPS Controller to a radio modem for DGPS operations. Lemo 8 pin to 9 pin RS232.	167.00
	733290	GEV168, 5.0m cable, connecting GPS Receiver with Ethernet LAN / RJ45.	181.00
	879373	GEV285 5m Ethernet cable Cat.6A. Connects GRX/GR/GM GNSS receiver with Ethernet LAN / RJ45 (for indoor/office environment use)	70.00
	750073	GEV212, Interface Cable, 5m, TruRover unterminated, connects TruRover to a custom installation.	156.00
	743389	GEV197, 2.8m Y-cable. Connects ATX antenna to PC for data transfer (Lemo 8 pin to RS232 9 pin female), and to external power supply (Lemo 5 pin).	640.00
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.	44.50

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GRxx Accessories & Services






	806094 GEV268, Data transfer cable, converter cable Lemo to USB connector, 2.0m. connects GNSS receiver to PC.	260.00
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RTK/DGPS Modems and Antennas

Slot-in Devices

Article	Description	Market List Price
	828007 SLR6-1, Satelline TR4+ 403-473 MHz RX/TX radio in SLR housing. Transceiver UHF radio module for GS25/GR50/GR30/GR25/GR10/GM30/GM10 sensors. User manual and CE-Declaration of Conformity included.	2,500.00
	6002544 Configuration tool kit to program SLR RTK Radio modules from SATEL and Pacific Crest, includes: programming cable GEV231 and configuration software (CD ROM).	705.00
	979947 SLG31, 4G/LTE Cat. 1 mobile modem for global use. Provides full flexibility due to multi-band technology (700/800/850/900/1800/1900/2100/2300/2500/2600 Mhz) supporting all GSM, GPRS, EDGE, UMTS and LTE FDD/TDD network providers. Can easily be plugged into the GS25 and GR/GM GNSS receivers.	1,540.00

External Serial Devices

	828005 GFU30, Satelline TR4+ 403-473 MHz RX/TX radio in GFU housing. Transceiver UHF radio module. User manual and CE-Declaration of Conformity included.	2,500.00
	979946 GFU31, 4G/LTE Cat. 1 module for global use in GFU housing. Provides full flexibility due to multi-band technology (700/800/850/900/1800/1900/2100/2300/2500/2600 Mhz) supporting all GSM, GPRS, EDGE, UMTS and LTE FDD/TDD network providers.	1,650.00
	639968 1.8m Cable, 15 pin RS232 to 8 pin LEMO. Connects Satelline 2ASxm2 radio modem to GPS receiver. Only required if housing not used.	310.00

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982340 HPR4, SATEL-EASy Pro+ 35W high power radio, 403-473 Mhz
RX/TX radio. Includes power cable for connecting to 12V
battery and programming cable.

4,450.00

Monitoring & Reference Network

GRxx Accessories & Services



806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.	185.00
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806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.	86.50
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806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.	86.50
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806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.	360.00
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806097	GVP 712, container for Satel radio and accessories.	240.00
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External RTK Antennas



Article	Description	Market List Price
639964	Gainflex radio antenna, frequency range 400-435MHz.	80.00






667243	Gainflex Radio antenna, frequency range 435-470MHz.	80.00
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782500	GAT18, Multiband GSM/UMTS Antenna for 850/1900MHz for 900/1800MHz and 2100Mhz mobile networks.	175.00
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GRxx Accessories & Services


	979949	GAT33 , Multiband (698–960MHz; 1710-2400MHz and 2496-2690MHz) Antenna for GSM/UMTS/LTE mobile networks & 900 MHz radio, with TNC connector.	191.00
	762858	GEV 263, Bluetooth Antenna, reverse SMA.	162.00
	806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.	185.00
	806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.	86.50
	806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.	86.50
	806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.	360.00
	667200	1.2m antenna cable.	87.00
	636959	2.8m antenna cable.	139.00
	632372	10m antenna cable.	174.00

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GRxx Accessories & Services

    	667201	1.6m extension for antenna cable.	87.00
	667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	130.00
	667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.	71.00
	667236	Base with 5/8 inch screw, for setting up telescopic rod on tripod.	87.00
	734388	GAD46, Double arm adapter, screws on telescopic rod. Allows to connect up to 2 mobile phone/radio antennas and up to 2 antenna cables on arm.	107.00
	779108	GEV246, Radio/GSM Antenna Mount Bracket.	181.00





External Modem Cables

	Article	Description	Market List Price
	733297	GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.	605.00
	811818	GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711.	440.00

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GRxx Accessories & Services



	817713	GEV275 Datacable 1.8m, connects Sateline HPR UHF-radio with GS sensor.	400.00
	767897	GEV232, cable connects GS10/GS15 Port to System1200 GFU devices, length 2.8m	440.00
	767898	GEV233, cable connects GS10/GS15 Port2 to System1200 GFU devices, length 0.8m	360.00
	563809	Cable for connecting CR344 GPS Controller to a radio modem for DGPS operations. Lemo 8 pin to 9 pin RS232.	167.00

Holder and Mounting Kits for GR/GM receivers

Article	Description	Market List Price
774439	GEV249, Rack Mount Kit for GR GNSS Receiver.	220.00
774440	GEV250, Wall Mount Kit for GR GNSS Receiver.	78.00
8221829	Monument Mount 5/8" Thread	660.00

Cables for PPS Output, Event Input, External Frequency Input

Article	Description	Market List Price
667744	PPS output cable for GPS System 500, SR530/MC500/RS500, 2m long, connects GPS sensor time mark output to another device.	174.00
403448	2m cable, connects GPS sensor time mark output or event input to another device, connects EDM frequency Sensor to frequency meter.	174.00
789061	Event cable for GR25 with Lemo.	275.00
733293	GEV169, 2.0m cable, connecting GPS Receiver with External Oscillator device.	181.00

External Devices and Accessories

Meteorology Sensor







Article	Description	Market List Price
788149	GEV257, WXT520 cable for GRX/GR receivers, 2.8m.	425.00
788150	GEV258, WXT520 cable for GRX/GR receivers, 10m.	640.00

Monitoring & Reference Network

GRxx Accessories & Services

Accessories for Campaign Use

Mounting for Campaign Use

	Article	Description	Market List Price
	777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.	440.00
	777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.	660.00
	842062	GDF312 Tribrach with optical plummet, professional 3000 series, green.	455.00
	667216	GRT146 Carrier with 5/8 inch screw, GPS antenna screws on directly.	174.00
	667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.	190.00
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	215.00

Monitoring & Reference Network

GRxx Accessories & Services

Battery Chargers for Campaign Use



Article	Description	Market List Price
799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00

Active Customer Care

Training

Article	Description	Market List Price
5003107	GR50 Full Day Workflow Training	1,750.00
5003108	GR25 Commissioning	795.00

Monitoring & Reference Network

Spider GNSS Software



GNSS Spider



Leica GNSS Spider – the core of the Spider Suite – is an integrated software package for centrally controlling and operating GNSS reference stations and networks. GNSS Spider is modular and scalable and can be tailored to suit various GNSS surveying, seismic and structural monitoring applications.

Article	Description	Market List Price
812396	GNSS Spider Basic License (Floating). GNSS Reference Station Software, basic license, with documentation. Provides full Leica receiver control, configuration, manual download, firmware upgrade. Supports various communication channels to sites: Serial, Modem, TCP/IP or Ntrip.	720.00
812401	GNSS Spider Eval License (Floating). For customer evaluation purpose. Contains all license options incl. 100 sites/baselines for site limited options. Valid for 30 days.	0.10

GNSS Spider Options

Article	Description	Market List Price
812410	Spider Basic Site Server option: Provides active and passive connections to sites using various standardized and proprietary 3rd party data formats. Provides basic real time data output for any site on the Site Server. Standard RTCM and proprietary data formats (Leica, CMR, CMR+) through various communication channels (Serial, Modem, TCP/IP) are supported. Includes management and distribution of GNSS Spider event information via e-mail. Required once per network.	7,100.00

Monitoring & Reference Network

Spider GNSS Software



812414	Spider File Product Site License. Provides automated data download and management for one site with automated RINEX conversion, quality control, event logging, FTP transfer. Required for each site that shall use this functionality.	1,930.00
812416	Spider Positioning Site License. Provides usage for one site in either a Real-Time or Post-Processing Positioning Product. Required for each site that shall be used in Spider position processing. A minimum of 2 of these licenses is needed for processing one baseline. Note: Positioning Site Licenses are cumulative between Real-Time and Post-Processing Positioning Products. For example, to use 10 sites simultaneously in both Real-Time and Post-Processing Products requires 20 Positioning Site Licenses. There is no limit to the number of Positioning Products (baselines) that may be configured if the number of sites used (including reference and rover sites) does not exceed the number of Positioning Site Licenses.	1,930.00
812421	Spider Basic Network Server option: Provides advanced distribution of real time single site observations with automatic selection of nearest site based on rover location. Supports standard RTCM and proprietary data format (Leica, CMR, CMR+) output. Supports various advanced communication channels: Access Router, Ntrip. Does not include ability of user authentication. Required once per Network Server.	17,000.00

Monitoring & Reference Network

Spider GNSS Software



812417	<p>Spider Network RTK Processing option: Provides real-time network processing and advanced distribution of real time network corrections with automatic selection of optimal cell based on rover location. Provides various network RTK methods: - MAX - i-MAX - FKP - Virtual RS Provides real time network processing and real time network RTK correction output for the GPS, GLONASS and QZSS satellite systems. Requires at least 5 times "Network RTK Site License" (812419). Does not include ability of user authentication. Required once per Network Server.</p>	36,800.00
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Spider GNSS Software



812419	Spider Network RTK Site License. Provides participation in network processing for one site. Required for each site that shall use this functionality regardless of the satellite system used.	1,930.00
812422	Spider Network RTK BeiDou option: Provides real time network processing and real time network RTK correction output for the BeiDou satellite system. Requires "Spider Network RTK Processing option" (812417). Required once per Network Server.	17,000.00
812423	Spider Network RTK Galileo option: Provides real time network processing and real time network RTK correction output for the Galileo satellite system. Requires "Spider Network RTK Processing option" (812417). Required once per Network Server.	17,000.00
812424	Spider RTK StreamTranscoder API option: Provides ability to modify the real-time output of Spider at the Proxy Server using a defined API. The API can be used in a software library developed by the licensed 3rd party. The option includes: - electronic documentation of the API - example source code Documentation must not be redistributed! The option does NOT include: - support on developing, integrating and operating the software based on the API - support during upgrade of Spider software related to the external software - software maintenance on the API Any kind of support has to be ordered separately via article 5003564.	2,150.00
812425	Spider Re-Processing option: Provides full re-processing functionality for GNSS Spider (Site and Network Server) from RINEX data files (Simulated RINEX sites). This option does not require any of the other GNSS Spider options beside "GNSS Spider Basic License" (812396).	2,850.00

Leica Spider Web Applications

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Spider GNSS Software



Leica Spider Web Applications encompass all web-server-based software components of the Leica Spider software suite. All components integrate with Leica GNSS Spider.

Article	Description	Market List Price
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Monitoring & Reference Network

Spider GNSS Software



812397	<p>Spider Web Applications Basic License (Floating). Spider Suite Web Applications basic license. Provides authentication and authorization infrastructure for Spider Suite Services (real time, post processing). Provides site management infrastructure for Spider Web Services. Supports real time authentication via: Ntrip, GPUID, telephone number. End user authorization to controlled services requires appropriate number of user licenses (812426-812429) and corresponding Service options (e.g. 812421, 812431).</p>	720.00
812403	<p>Spider Web Evaluation License (Floating) For customer evaluation purpose. Contains all license options incl. 100 sites and 100 users for limited options. Valid for 30 days.</p>	0.10

Spider Web Applications Options

Article	Description	Market List Price
812426	<p>Spider Business Center 10 additional user licenses. Adds 10 users to the count of maximum active users with any active subscription. Provides access to authentication and authorization for this number of users.</p>	720.00
812427	<p>Spider Business Center 100 additional user licenses. Adds 100 users to the count of maximum active users with any active subscription. Provides access to authentication and authorization for this number of users.</p>	5,000.00
812428	<p>Spider Business Center 500 additional user licenses. Adds 500 users to the count of maximum active users with any active subscription. Provides access to authentication and authorization for this number of users.</p>	22,600.00

Monitoring & Reference Network

Spider GNSS Software



812429	Spider Business Center unlimited user licenses. Provides access to authentication and authorization for an unlimited number of users.	71,000.00
812431	Spider Suite Web Service - RINEX option. Provides RINEX Data Access Service. The number of sites used in the service is limited via option 812432. The number of users to be authorized for the service is limited via options 812426-812429. Required once per network.	6,050.00
812432	Spider Suite Web Services - Site License Provides participation in any Web Service for one site. Required for each site that shall be available via any Web Service (RINEX, VirtualRINEX, Computation, Real-Time Status).	1,010.00

Monitoring & Reference Network

Spider GNSS Software



812433	<p>Spider Suite Web Service - Computation option. Provides automated Coordinate Computation Service. The number of sites used in the service is limited via option 812432. The number of users to be authorized for the service is limited via options 812426-812429. Requires 812431 "Spider Web Service - RINEX". Required once per network.</p>	13,500.00
870736	<p>Spider Suite Web Service - Transformation. Provides automated Coordinate Transformation Service. The number of users to be authorized for the service is limited via options 812426-812429. Required once per network.</p>	2,100.00
812434	<p>Spider Suite Web Service - VirtualRINEX option. Provides creation of VirtualRINEX data based on a GNSS Spider network processing solution. The number of sites used in the service is limited via option 812432. The number of users to be authorized for the service is limited via options 812426-812429. Requires 812431 "Spider Web Service-RINEX". Requires 812417 "Spider Network RTK Processing option". Required once per network.</p>	3,000.00
812435	<p>Spider Suite Web Service - Real-Time Status option. Provides web accessible display of status information in real-time. The number of sites used in the service is limited via option 812432. The number of users to be authorized for the service is limited via options 812426-812429. Required once per network.</p>	21,200.00

SpiderQC



Leica SpiderQC is a stand-alone software for Quality Control and performance analysis of GNSS reference station networks. It may run alongside Leica GNSS Spider or other reference station software.

Article	Description	Market List Price
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Spider GNSS Software



812398	<p>Spider Quality Control Basic License (Floating). Spider Suite Quality Control and Monitoring Applications basic license. Provides manual single RINEX file quality checks. Does not include generation of graphs or advanced reports and automation. Provides analysis of a single NMEA data stream or log file. Provides analysis of various GNSS Spider log files. Provides various GNSS tools. Provides Leica Nivel200 series inclination sensor data logging.</p>	720.00
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Monitoring & Reference Network

Spider GNSS Software



812405	SpiderQC Evaluation License (Floating). For customer evaluation purpose. Contains all license options incl. 100 sites for site limited options. Valid for 30 days.	0.10
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SpiderQC Options

Article	Description	Market List Price
812436	SpiderQC Manual RINEX Quality Control option. Provides manual processing of quality checks including generation of graphs and advanced reports.	1,420.00
812437	SpiderQC Automatic RINEX Quality Control Site License Provides automated processing of quality checks including generation of graphs, reports and alarms for one site. Required for each site that shall use this functionality.	520.00
812438	SpiderQC Advanced Coordinate Analysis option. Provides high speed calculation and graphing of displacement, messaging and limit checks for real time NMEA and GNSS Spider Post-Processing coordinate data.	2,450.00
812439	SpiderQC Advanced GNSS Data Analysis option. Provides zero, single, double and triple difference residual analysis of GNSS code and phase data.	6,000.00
812440	SpiderQC Advanced Network Analysis option. Provides real time analysis of ionosphere and troposphere error of a GNSS Spider Network. Requires "Spider Network RTK Processing option" (812417). Required once per network.	1,930.00

Subscription

Base Subscription

Article	Description	Market List Price
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Monitoring & Reference Network
Spider GNSS Software



5310206	1 yr Spider Web Applications External X-pos API client access subscription	0.05
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Monitoring & Reference Network

Spider GNSS Software



Options for Subscriptions

Article	Description	Market List Price
5310207	External X-pos API client access - RINEX Data Access Service	3,400.00
5310208	External X-pos API client access - Virtual RINEX Service	3,400.00
5310209	External X-pos API client access - Coordinate Computation Service	3,400.00
5310210	External X-pos API client access - Coordinate Transformation Service	3,400.00

Active Customer Care

Enduser CCP



The below listed prices are valid for a software License configuration with exactly quantity 1 of each option. Generally the 1 year CCP price is calculated based on the effective License configuration at 20% of corresponding

Article	Description	Market List Price
6008425	1 yr GNSS Spider CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	20,806.50
6008426	2 yr GNSS Spider CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	37,284.00

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Monitoring & Reference Network

Spider GNSS Software



6008427	3 yr GNSS Spider CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	52,909.50
6008487	1 yr SpiderQC CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	2,521.50
6008488	2 yr SpiderQC CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	4,529.00
6008489	3 yr SpiderQC CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	6,417.50
6008493	1 yr SpiderWeb CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	28,711.00
6008494	2 yr SpiderWeb CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	51,734.50
6008495	3 yr SpiderWeb CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	73,078.00

Commissioning & Training



Article	Description	Market List Price
5002020	Training at customer site per day for Spider and GNSS QC Software excl. travel expenses.	2,150.00
5002021	Installation support per day for Spider and GNSS QC Software excl. travel expenses.	2,150.00
5002022	Customizing per day for Spider and GNSS QC Software.	2,150.00
5003564	Spider Suite Support for API. Support for API based software development, integration and operation. Per day excl. travel expenses.	2,150.00

Monitoring & Reference Network

Various Trade Products



Local Products US/CA

Article	Description	Market List Price
8211476	LMR400 CABLE, LENGTH 1 FT	5.25
8211477	TNC MALE END CONNECTOR	20.00
8211521	TYPE N Male END CONNECTOR	20.00
8214331	4' Antenna mast/ fiberglass	395.00
8220177	1.2-100 GHZ 6V DC Path ACTIVE PAtH N F	340.00
8220781	14" LMR240 CABLE TNC M to N M	80.00
8221829	Monument Mount 5/8" Thread	660.00

Monitoring & Reference Network

Various Trade Products



8227762	Coaxial Surge Protector 800MhZ-2.5Ghz	265.00
8238510	Lightning protection	1,215.00
8238541	Fuse for lightning protection	75.00
8243080	SIM Card for SmartConnect Standard, Pro	0.01
8243081	SIM Instruction Card - Pre-Activated CC	0.01
8243083	SmartNet (SmartConnect) Activation Fee	85.00
8243689	Cable assembly Power Prgm MCR900 DC	550.00
8250166	Prism Rail Clip	165.00
8251086	W&T Ethernet Meteo Station Kit	1,255.00

Monitoring & Reference Network

Various Trade Products



8252586	Prism Rail Clip-5-7/8" Inside	165.00
8253084	Vaisala WXT530 w/Heater	6,510.00
8253085	Vaisala WXT530 w/o Heater	6,405.00
8255759	Architect series PV Skid, 360W panel	17,640.00
8255760	Architect series PV pole, 150W panel	8,820.00
8255761	Blueprint series PV box, 50W panel	9,575.00
8255762	Metrologist total station monument, 54"	4,790.00
8255763	Metrologist GNSS monument, 72" high, pow	5,290.00
8255764	Metrologist rain hood, powder coated	1,010.00

Monitoring & Reference Network

Various Trade Products



8255765	Metrologist total station wall mount, po	4,790.00
8255766	3D prism mount	90.00
8255767	Prism cap for 5/8 and 3/4 inch steel rod	90.00
8255768	3D prism mount with adhesive back plate	165.00
8255769	Hakari MultiCom box,with cellular gateway	10,330.00

Leica Geosystems Pricebook

TPS, GNSS & Dig.Level



Leica Geosystems Inc. (USA)

Currency USD
Prices effective 5/7/2025
Updated 5/7/2025
Errors and Omissions Excepted

Flexline TS03/07/10 Manual TPS
TS13 Automated TPS
TS16 Automated TPS
TS60 Automated High-End TPS
Nova MultiStation MS60
MultiWorx
TS/MS Accessories & Add-On Packages
GS05 GNSS
GS07 GNSS
GS16/GS18 GNSS
GS10/25 GNSS
GNSS Accessories and Active Customer Care
CS20 Captivate Field Controller
CS30 Captivate Tablet Controller
CC200 Captivate Tablet Controller
CC180 Captivate Tablet Controller
Leica Captivate Subscriptions
Mobile Inspector
Infinity Office Software
Leica Geo Office SW
LISCAD Office SW
Bernese SW
LS10/15 Digital Level
Accessories Geomatics
Trusted Services
HxGN SmartNet
HxGN GeoCloud
Various Trade Products
Demo Licenses
Legacy Product SW, CCP's and Parts

FlexLine plus Instruments

TS03



Article	Description	Market List Price
868867	TS03 2" (0.6mgon) R500, total station with reflectorless R500 EDM, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA black & white display, Quick guide and container with protective cover, lens hood and cleaning cloth.	11,500.00
868868	TS03 3" (1.0mgon) R500, total station with reflectorless R500 EDM, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA black & white display, Quick guide and container with protective cover, lens hood and cleaning cloth.	9,800.00
868869	TS03 5" (1.5mgon) R500, total station with reflectorless R500 EDM, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA black & white display, Quick guide and container with protective cover, lens hood and cleaning cloth.	8,450.00

TS07



Article	Description	Market List Price
868829	TS07 1" (0.3mgon) R1000, total station with reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	17,900.00

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868830	TS07 2" (0.6mgon) R1000, total station with reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	16,200.00
868831	TS07 3" (1mgon) R1000, total station with reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	14,500.00
868832	TS07 5" (1.5mgon) R1000, total station with reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	13,300.00
868833	TS07 7" (2mgon) R1000, total station with reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	12,200.00
868839	TS07 1" (0.3mgon) R1000, total station with reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	17,100.00

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868840	TS07 2" (0.6mgon) R1000, total station with reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	15,300.00
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868841	TS07 3" (1mgon) R1000, total station with reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	13,800.00
868842	TS07 5" (1.5mgon) R1000, total station with reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	12,500.00
868843	TS07 7" (2mgon) R1000, total station with reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	11,300.00
868848	TS07 1" (0.3mgon) R500, total station with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	15,600.00
868849	TS07 2" (0.6mgon) R500, total station with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	13,800.00

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868850	TS07 3" (1mgon) R500, total station with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	12,200.00
868851	TS07 5" (1.5mgon) R500, total station with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	10,800.00

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868852	TS07 7" (2mgon) R500, total station with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide and container with protective cover, lens hood and cleaning cloth.	9,800.00
868857	TS07 1" (0.3mgon) R500, total station modified and tested at -35°C with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide, container with protective cover, lens hood and cleaning cloth and operating temperature verification statement.	17,500.00
868858	TS07 2" (0.6mgon) R500, total station modified and tested at -35°C with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide, container with protective cover, lens hood and cleaning cloth and operating temperature verification statement.	15,700.00
868859	TS07 3" (1mgon) R500, total station modified and tested at -35°C with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide, container with protective cover, lens hood and cleaning cloth and operating temperature verification statement.	14,100.00

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868861	TS07 5" (1.5mgon) R500, total station modified and tested at -35°C with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide, container with protective cover, lens hood and cleaning cloth and operating temperature verification statement.	12,800.00
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868862	TS07 7" (2mgon) R500, total station modified and tested at -35°C with reflectorless R500 EDM, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 3.5" QVGA color touch screen, Quick guide, container with protective cover, lens hood and cleaning cloth and operating temperature verification statement.	11,700.00
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TS10



Article	Description	Market List Price
868784	TS10 1" (0.3mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	19,900.00
868786	TS10 2" (0.6mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	18,100.00

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868789	TS10 3" (1mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	16,500.00
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868790	TS10 5" (1.5mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	15,200.00
868777	"TS10 I 1" (0.3mgon) R1000, total station with 5 MP overview camera, reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth."	22,900.00
868778	TS10 I 2" (0.6mgon) R1000, total station with 5 MP overview camera, reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	21,100.00

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868779	TS10 I 3" (1mgon) R1000, total station with 5 MP overview camera, reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	19,600.00
868780	TS10 I 5" (1.5mgon) R1000, total station with 5 MP overview camera, reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	18,300.00

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868812	TS10 1" (0.3mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	19,100.00
868814	TS10 2" (0.6mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	17,200.00
868815	TS10 3" (1mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	15,700.00
868816	TS10 5" (1.5mgon) R1000, total station with reflectorless R1000 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	14,400.00

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868821	TS10 1" (0.3mgon) R500, total station with reflectorless R500 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	17,500.00
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868823	TS10 2" (0.6mgon) R500, total station with reflectorless R500 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	15,700.00
868824	TS10 3" (1mgon) R500, total station with reflectorless R500 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	14,200.00
868825	TS10 5" (1.5mgon) R500, total station with reflectorless R500 EDM, AutoHeight module for automatic instrument height measurement, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 4GB Internal Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Leica Captivate field software package, Quick guide and container with protective cover, lens hood and cleaning cloth.	12,900.00

HW Options



Article	Description	Market List Price
868884	GTS42- 2nd face keyboard with 3.5" QVGA colour touch screen, for TS07 instruments, fitted.	625.00
868880	GTS40- 2nd face keyboard with 5" WVGA colour touch screen, for TS10 instruments, fitted.	935.00
868883	GTS41- 2nd face keyboard with Function keys, 5" WVGA colour touch screen, for TS10 instruments, fitted.	935.00

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899134	GTS41- keyboard with Function keys (upgrade from GTS40), 5" WVGA colour touch screen, for TS10 instruments, face 1.	198.00
868892	GHM009 - AutoHeight measurement module to setup instrument over point (laserplummet) and measure instrument height, fitted, for TS07 instruments.	1,000.00
868889	GSD09 - Mobile Data Device sidecover (LTE/GSM) US, CA for TS07/TS10 instruments, fitted.	1,550.00
865474	GUS321 , Lower parts shiftable tribrach for TS03, TS07, TS10, iCB50 and iCB70 total stations	910.00
997757	GTS53- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for TS03/07/10 and iCB50/70, fitted. Includes one year of subscription.	880.00

Certificates

Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00
812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

On-Board SW

FlexField TS03/07

Article	Description	Market List Price
868908	Leica FlexField COGO	410.00
868909	Leica FlexField Reference Plane	375.00
868910	Leica FlexField Reference Arc	245.00
868911	Leica FlexField Road 2D	485.00
868912	Leica FlexField Mining	880.00
868913	Leica FlexField Road3D	530.00
868914	Leica FlexField Traverse	485.00

868915 Leica FlexField Tunnel 2,600.00

Captivate TS10

Article	Description	Market List Price
996548	Captivate Site Inspector for TS/MS This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00
865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00

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834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00

839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	3,400.00
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
847952	Leica Captivate Inventory application for TS/MS. Survey, view and edit items that require nested attributes coding.	810.00
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00
854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
865037	Leica Captivate Pipeline application for TS/MS. Survey, view and edit items that require pipeline specific coding features.	1,090.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00
869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
870551	Leica Captivate Trig Levels application for TS/MS. Conventional trigonometric levelling from two faces measurements average.	205.00
870554	Leica Captivate Quick Ground application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.	175.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00

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903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00

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834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field	275.00
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	915.00
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via	915.00
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.	1,020.00
957606	Leica Captivate Quick Stake application for TS/MS. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	445.00
982370	Captivate Piles for TS/MS. Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00

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982375	Captivate Grid North for TS/MS Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
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985310	Captivate Nested Attributes for TS/MS Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
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Geocom

Article	Description	Market List Price
868919	License key which allows the virtual GeoCom port on a manual TS07 total station to be used.	825.00
868920	Virtual GeoCom TS/MS License key which allows the virtual GeoCom port on a TS10 total station to be used. (Approval process is needed to order this article).	945.00

Manuals

Multi-Language

Article	Description	Market List Price
849678	Leica TS03/TS07 QG,multil.1	16.10
849679	Leica TS03/TS07 QG,multil.2	16.10
849681	Leica TS10 QG,multil.1	16.10
849682	Leica TS10 QG,multil.2	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6014167	1 yr TS03/07 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support	452.00
6014168	2 yr TS03/07 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support	815.00
6014169	3 yr TS03/07 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support	1,155.00
6014170	5 yr TS03/07 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support	1,910.00
6014171	1 yr TS10 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support	575.00
6014172	2 yr TS10 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support	1,030.00
6014173	3 yr TS10 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support	1,450.00
6014174	5 yr TS10 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support	2,410.00

Blue CCP



Article	Description	Market List Price
6014175	1 yr TS03/07 Blue CCP, consisting of: 1 yr HW Maintenance 1 yr SW Maintenance 1 yr Customer Support	1,332.00

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6014176	2 yr TS03/07 Blue CCP, consisting of: 2 yr HW Maintenance 2 yr SW Maintenance 2 yr Customer Support	2,405.00
6014177	3 yr TS03/07 Blue CCP, consisting of: 3 yr HW Maintenance 3 yr SW Maintenance 3 yr Customer Support	3,405.00
6014178	5 yr TS03/07 Blue CCP, consisting of: 5 yr HW Maintenance 5 yr SW Maintenance 5 yr Customer Support	5,660.00
6014179	1 yr TS10 Blue CCP, consisting of: 1 yr HW Maintenance 1 yr SW Maintenance 1 yr Customer Support	1,455.00
6014180	2 yr TS10 Blue CCP, consisting of: 2 yr HW Maintenance 2 yr SW Maintenance 2 yr Customer Support	2,620.00
6014181	3 yr TS10 Blue CCP, consisting of: 3 yr HW Maintenance 3 yr SW Maintenance 3 yr Customer Support	3,700.00
6014182	5 yr TS10 Blue CCP, consisting of: 5 yr HW Maintenance 5 yr SW Maintenance 5 yr Customer Support	6,160.00

Bronze CCP



Article	Description	Market List Price
6014183	2 yr TS03/07 Bronze CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support 1 yr Extended Warranty	1,455.00
6014184	3 yr TS03/07 Bronze CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support 2 yr Extended Warranty	2,305.00

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6014185	5 yr TS03/07 Bronze CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support 4 yr Extended Warranty	4,210.00
6014186	1 yr Ext. TS03/07 Bronze CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support 1 yr Extended Warranty	1,092.00

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6014187	2 yr TS10 Bronze CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support 1 yr Extended Warranty	1,670.00
6014188	3 yr TS10 Bronze CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support 2 yr Extended Warranty	2,600.00
6014189	5 yr TS10 Bronze CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support 4 yr Extended Warranty	4,710.00
6014190	1 yr Ext. TS10 Bronze CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support 1 yr Extended Warranty	0.00

Silver CCP



Article	Description	Market List Price
6014191	2 yr TS03/07 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,045.00
6014192	3 yr TS03/07 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,555.00
6014193	5 yr TS03/07 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,960.00
6014194	1 yr Ext. TS03/07 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,972.00

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6014195	2 yr TS10 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,260.00
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6014196	3 yr TS10 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,850.00
6014197	5 yr TS10 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,460.00
6014198	1 yr Ext. TS10 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,095.00

Gold CCP



Article	Description	Market List Price
6014199	3 yr TS03/07 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	5,865.00
6014200	5 yr TS03/07 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	9,360.00
6014201	3 yr TS10 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	6,160.00
6014202	5 yr TS10 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	9,860.00

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Training



Article	Description	Market List Price
5003849	TS13/TS16 Full Day Workflow Training	1,640.00
5003850	TS13/TS16 Commissioning	490.00

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R2M Package TS13



Article	Description	Market List Price
6017000	TS13 3"R1000 KDU Robotic Package R2M	41,400.00

Instrument TS13



Article	Description	Market List Price
917475	TS13 1" (0.3mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	24,700.00
917476	TS13 2" (0.6mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	21,800.00
917477	TS13 3" (1.0mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	19,400.00

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917478	TS13 5" (1.5mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	17,600.00
917479	TS13 1" (0.3mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	27,000.00
917480	TS13 2" (0.6mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	24,100.00
917481	TS13 3" (1.0mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	21,800.00

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917482	TS13 5" (1.5mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 4 button keyboard, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	19,900.00
917483	TS13 1" (0.3mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	26,200.00

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917484	TS13 2" (0.6mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	23,300.00
917485	TS13 3" (1.0mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	20,800.00
917486	TS13 5" (1.5mgon) R500, total station with AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	19,200.00
917487	TS13 1" (0.3mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	28,600.00

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917488	TS13 2" (0.6mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	25,600.00
917489	TS13 3" (1.0mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	23,300.00

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917490	TS13 5" (1.5mgon) R1000, total station with AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and optional: automatic target lock, SpeedSearch, RadioHandle interface.	21,500.00
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Hardware Options



Article	Description	Market List Price
874451	GTS46- LOC8 theft deterrence and location device for automated total stations TS13/16,iCR70/80, fitted. One year subscription included.	945.00
989209	GTS52- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for automated total stations TS13/16, TM60,iCR70/80 and iCT30, fitted. Includes one year of subscription.	1,010.00
870391	GTS45, 2nd keyboard with full 5" WVGA colour touch screen, for TS13 instrument, for telescope position 2, fitted, if 1st face keyboard available.	1,090.00
870392	TOP1, TS13 option to enable prism lock.	735.00
870393	TOP2, TS13 robotic option enabling SpeedSearch and Radio Handle interface.	3,600.00

Certificates

Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00
812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00

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812542 Calibration Certificate "Silver" for
total stations - issued by the
manufacturer: Angle Hz and V.

505.00

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812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00

AP20 AutoPole

AP20 AutoPole



Article	Description	Market List Price
922835	AutoPole AP20 H to automatically measure pole height.	3,625.00
922836	AutoPole AP20 ID to automatically find and verify your target.	2,060.00

AP20 Accessories



Article	Description	Market List Price
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh	235.00



922840	RH18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth Low Energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica total stations running Leica Captivate field software. Establishes communication to field controller CS20/30/35 or external radio modem TCPS30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,800.00
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922841	CCD18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth low energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica iCON robotic total stations iCR70/80 or newer. Establishes communication to field controller CS30/CC70/CC80 or external radio modem TCPS29/30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,720.00
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913901 GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm 1,060.00



913902 GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends to target height 7.0 Ft, printed scale both on extendable tube and lower tube, graduation in Ft decimal 1,060.00



913899 CRP4, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 1.37 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm 1,060.00



913900 CRP5, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 4 Ft 6.6 Inch, extends to target height 7 Ft 0 Inch, printed scale both on extendable tube and lower tube, graduation in Ft 1,060.00



806685 CRP10 Construction Pole Tip, hard metal Tip, prism height 20 cm with MPR122. 77.50

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806687 CRP11 Construction Pole Plate, tiltable Plate, prism height 20 cm with MPR122. 115.00



817344 CRP12, Center Punch Tip for all CRP poles, hard metal tip works on concrete, metal, wood,... 193.00



817345 CRP13, Adapter for fixing CRP10, CRP11, CRP12 to CRP2/3 72.50



914930 GVP738, Hard container for 2 prisms, 2 carriers/ laser plummets, 2 tribrachs, CS10, CS15, CS20, CS30, CS35 and a AP20. All CS fits with attached holder. 305.00



977379 GLS52, Carbon pole extension 1m 147.00

977380 GLS53, Mini Pole for AP20, with 5/8" thread connector 225.00

979523 GLS54, Mini Pole for AP20, with Leica stub connector 225.00

985946 GVP760 Small-sized hard container for AP20, 360° prism and CS30, CC80 and CS170 field tablet, Yellow container color. 265.00

1012148 GVP765, AP20 Robotic Container. Hard container, for CS15, CC70/80 and CS30/CC170, CS20, CS35, CC180 and CC200 field controller including attached holders, 360° prisms and AP20. 340.00

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Captivate for MS/TS

Captivate Base License for MS/TS



Article	Description	Market List Price
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.	1,220.00
971595	Leica Captivate Measure & Stakeout TS/MS upgrade License key to be ordered as an upgrade from 965874. Allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
1003130	Leica Captivate Meas&Stake TS/MS time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
965874	Leica Captivate Meas&Stake TS/MS time lim. Time limited license key which allows the survey and stakeout apps to be used on a TS/MS total station.	1,220.00

Captivate Apps for MS/TS



Article	Description	Market List Price
827648	Leica Captivate Measure Stake Line TS/MS. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.	405.00
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.	405.00

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827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.	275.00
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.	480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00
834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00
834229	Leica Captivate Auto Setup for TS/MS. The app searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated from the measurements taken.	405.00
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution	2,050.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	3,400.00
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
847952	Leica Captivate Inventory application for TS/MS. Survey, view and edit items that require nested attributes coding.	810.00
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00

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854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
865037	Leica Captivate Pipeline application for TS/MS. Survey, view and edit items that require pipeline specific coding features.	1,090.00

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865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00
869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
870551	Leica Captivate Trig Levels application for TS/MS. Conventional trigonometric levelling from two faces measurements average.	205.00
870554	Leica Captivate Quick Ground application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.	175.00
871522	Leica Captivate Survey+ TS/MS, includes Plane & Grid Scan, Traverse, Sets of Angles	1,360.00
871523	Leica Captivate Worksite+ TS/MS, includes Line-Measure & Stake, DTM Stakeout, Volume Calculation	1,830.00
873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00

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920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00
939873	Leica Captivate Kahramaa application for TS16/MS60. Application to convert the measurement job in the specified format for the	480.00
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field	275.00

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- when it has to be right



923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	915.00
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via	915.00
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.	1,020.00
957606	Leica Captivate Quick Stake application for TS/MS. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	445.00
982370	Captivate Piles for TS/MS. Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982375	Captivate Grid North for TS/MS Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985310	Captivate Nested Attributes for TS/MS Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
985499	AP20 H & AP20 ID Support for all TS13.	0.00

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996548	Captivate Site Inspector for TS/MS This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
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TS13 Automated TPS



1026108	Captivate Resection Match for TS/MS	705.00
	Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	

Geocom

Article	Description	Market List Price
872564	TS13 License, which allows connecting a 3rd party software to the TS13. The 3rd party software must have the authentication dll.	1,250.00

Manuals

Article	Description	Market List Price
870665	Leica TS13 QG,multil.1	16.10
870666	Leica TS13 QG,multil.2	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6013977	1 yr TS13 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6013978	2 yr TS13 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,175.00
6013979	3 yr TS13 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,670.00

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6013980	5 yr TS13 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	2,765.00
6013981	1 yr TS13+GS Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	862.00
6013982	2 yr TS13+GS Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,350.00
6013983	3 yr TS13+GS Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,925.00
6013984	5 yr TS13+GS Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,160.00
6013985	1 yr TS13+CS20 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	828.00
6013986	2 yr TS13+CS20 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,290.00
6013987	3 yr TS13+CS20 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,820.00
6013988	5 yr TS13+CS20 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,015.00
6013989	1 yr TS13+CS20+GS Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	932.00
6013990	2 yr TS13+CS20+GS Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,465.00
6013991	3 yr TS13+CS20+GS Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	2,075.00
6013992	5 yr TS13+CS20+GS Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,410.00

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TS13 Automated TPS

Blue CCP



Article	Description	Market List Price
6013993	1 yr TS13 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	1,878.00
6013994	2 yr TS13 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	3,225.00
6013995	3 yr TS13 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	4,520.00
6013996	5 yr TS13 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	7,565.00
6013997	1 yr TS13+GS Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,292.00
6013998	2 yr TS13+GS Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	3,950.00
6013999	3 yr TS13+GS Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	5,625.00
6014000	5 yr TS13+GS Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	9,260.00
6014001	1 yr TS13+CS20 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,258.00

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6014002	2 yr TS13+CS20 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	3,890.00
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6014003	3 yr TS13+CS20 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	5,520.00
6014004	5 yr TS13+CS20 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	9,115.00
6014005	1 yr TS13+CS20+GS Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,522.00
6014006	2 yr TS13+CS20+GS Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,365.00
6014007	3 yr TS13+CS20+GS Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	6,125.00
6014008	5 yr TS13+CS20+GS Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	10,210.00

Bronze CCP



Article	Description	Market List Price
6014009	2 yr TS13 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,890.00
6014010	3 yr TS13 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,960.00
6014011	5 yr TS13 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,215.00

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TS13 Automated TPS



6014012	1 yr Ext. TS13 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,473.00
6014013	2 yr TS13+GS Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,410.00

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6014014	3 yr TS13+GS Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,825.00
6014015	5 yr TS13+GS Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	6,760.00
6014016	1 yr Ext. TS13+GS Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,922.00
6014017	2 yr TS13+CS20 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,350.00
6014018	3 yr TS13+CS20 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,720.00
6014019	5 yr TS13+CS20 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	6,615.00
6014020	1yr Ext. TS13+CS20 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,888.00
6014021	2 yr TS13+CS20+GS Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,865.00
6014022	3 yr TS13+CS20+GS Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,625.00
6014023	5 yr TS13+CS20+GS Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,160.00

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6014024 1 yr Ext. TS13+CS20+GS Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.

2,332.00

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TS13 Automated TPS

Silver CCP



Article	Description	Market List Price
6014025	2 yr TS13 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,940.00
6014026	3 yr TS13 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	5,810.00
6014027	5 yr TS13 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	10,015.00
6014028	1 yr Ext. TS13 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,593.00
6014029	2 yr TS13+GS Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	5,010.00
6014030	3 yr TS13+GS Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	7,525.00
6014031	5 yr TS13+GS Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	12,860.00
6014032	1 yr Ext. TS13+GS Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,352.00

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6014033	2 yr TS13+CS20 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	4,950.00
6014034	3 yr TS13+CS20 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	7,420.00
6014035	5 yr TS13+CS20 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	12,715.00
6014036	1yr Ext. TS13+CS20 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,318.00
6014037	2 yr TS13+CS20+GS Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	5,765.00
6014038	3 yr TS13+CS20+GS Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	8,675.00
6014039	5 yr TS13+CS20+GS Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	14,960.00
6014040	1 yr Ext. TS13+CS20+GS Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,922.00

Gold CCP

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Article	Description	Market List Price
6014041	3 yr TS13 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	7,360.00

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6014042	5 yr TS13 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	11,665.00
6014043	3 yr TS13+GS Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	9,175.00
6014044	5 yr TS13+GS Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	14,710.00
6014045	3 yr TS13+CS20 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	9,070.00
6014046	5 yr TS13+CS20 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	14,565.00
6014047	3 yr TS13+CS20+GS Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	10,525.00
6014048	5 yr TS13+CS20+GS Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	16,960.00

Training



Article	Description	Market List Price
5003849	TS13/TS16 Full Day Workflow Training	1,640.00
5003850	TS13/TS16 Commissioning	490.00

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TS16 Automated TPS

Instrument TS16

TS16 I



Article	Description	Market List Price
917429	TS16 I 1" (0.3mgon) R1000, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	41,400.00
917430	TS16 I 2" (0.6mgon) R1000, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	38,500.00
917431	TS16 I 3" (1.0mgon) R1000, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	36,200.00
917432	TS16 I 5" (1.5mgon) R1000, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	34,500.00

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TS16 Automated TPS



917434	TS16 I 1" (0.3mgon) R500, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	39,000.00
917435	TS16 I 2" (0.6mgon) R500, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	36,200.00
917436	TS16 I 3" (1.0mgon) R500, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	33,900.00
917437	TS16 I 5" (1.5mgon) R500, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,100.00

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TS16 Automated TPS



917438	TS16 I 1" (0.3mgon) R400, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R400 EDM, laser class 2, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	40,200.00
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TS16 Automated TPS

917439	TS16 I 2" (0.6mgon) R400, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R400 EDM, laser class 2, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	38,500.00
917440	TS16 I 3" (1.0mgon) R400, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R400 EDM, laser class 2, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	35,100.00
917441	TS16 I 5" (1.5mgon) R400, total station with 5 MP overview camera, PowerSearch, AutoHeight, automatic target recognition, reflectorless R400 EDM, laser class 2, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	33,400.00

TS16 P



Article	Description	Market List Price
917442	TS16 P 1" (0.3mgon) R1000, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	37,800.00

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TS16 Automated TPS



917443	TS16 P 2" (0.6mgon) R1000, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	34,800.00
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TS16 Automated TPS



917444	TS16 P 3" (1.0mgon) R1000, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,500.00
917445	TS16 P 5" (1.5mgon) R1000, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	30,800.00
917446	TS16 P 1" (0.3mgon) R500, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	35,500.00
917447	TS16 P 2" (0.6mgon) R500, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,500.00

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TS16 Automated TPS



917448	TS16 P 3" (1.0mgon) R500, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	30,200.00
917449	TS16 P 5" (1.5mgon) R500, total station with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	28,500.00

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930961	TS16 P 1" (0.3mgon) R1000 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	39,900.00
930962	TS16 P 2" (0.6mgon) R1000 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	37,000.00
930963	TS16 P 3" (1.0mgon) R1000 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	34,700.00
930964	TS16 P 5" (1.5mgon) R1000 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	33,000.00

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930965	TS16 P 1" (0.3mgon) R500 Arctic, total station modified and tested at -30°C with automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	37,600.00
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930966	TS16 P 2" (0.6mgon) R500 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	34,700.00
930967	TS16 P 3" (1.0mgon) R500 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	32,400.00
930968	TS16 P 5" (1.5mgon) R500 Arctic, total station modified and tested at -30°C with PowerSearch, AutoHeight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide, container and operating temperature verification statement.	30,700.00

TS16 A



Article	Description	Market List Price
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917450	TS16 A 1" (0.3mgon) R1000, total station with Autoheight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	34,800.00
917451	TS16 A 2" (0.6mgon) R1000, total station with Autoheight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,000.00

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917452	TS16 A 3" (1.0mgon) R1000, total station with Autoheight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	29,600.00
917453	TS16 A 5" (1.5mgon) R1000, total station with Autoheight, automatic target recognition, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	27,900.00
917454	TS16 A 1" (0.3mgon) R500, total station with Autoheight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,500.00
917455	TS16 A 2" (0.6mgon) R500, total station with Autoheight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	29,600.00
917456	TS16 A 3" (1.0mgon) R500, total station with Autoheight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	27,300.00

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917457	TS16 A 5" (1.5mgon) R500, total station with Autoheight, automatic target recognition, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	25,600.00
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TS16 M



Article	Description	Market List Price
917458	TS16 M 1" (0.3mgon) R1000, motorized total station with Autoheight, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	31,200.00
917460	TS16 M 2" (0.6mgon) R1000, motorized total station with Autoheight, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	28,400.00
917461	TS16 M 3" (1.0mgon) R1000, motorized total station with Autoheight, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	26,000.00
917462	TS16 M 5" (1.5mgon) R1000, motorized total station with Autoheight, reflectorless R1000 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	24,300.00
917463	TS16 M 1" (0.3mgon) R500, motorized total station with Autoheight, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	28,900.00

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917464	TS16 M 2" (0.6mgon) R500, motorized total station with Autoheight, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	26,000.00
917465	TS16 M 3" (1.0mgon) R500, motorized total station with Autoheight, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	23,700.00
917466	TS16 M 5" (1.5mgon) R500, motorized total station with Autoheight, reflectorless R500 EDM, electronic guide light EGL, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	21,900.00

TS16 G



Article	Description	Market List Price
917467	TS16 G 1" (0.3mgon) R30, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R30 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	32,800.00
917468	TS16 G 2" (0.6mgon) R30, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R30 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	29,700.00

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917469	TS16 G 3" (1.0mgon) R30, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R30 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	27,400.00
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917470	TS16 G 1" (0.3mgon) R1000, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	37,200.00
917471	TS16 G 2" (0.6mgon) R1000, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	34,300.00
917472	TS16 G 3" (1.0mgon) R1000, total station with laser guide GUS74, AutoHeight, automatic target recognition, reflectorless R1000 EDM, WLAN, Bluetooth, RS232 interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, laser plummet, 1 keyboard with 5" WVGA color touch screen, Quick guide and container.	31,900.00

HW Options



Article	Description	Market List Price
879378	GTS49, 2nd keyboard with full 5" WVGA colour touch screen, for TS16 and TM60 instruments, for telescope position 2, fitted.	1,070.00
874451	GTS46- LOC8 theft deterrence and location device for automated total stations TS13/16,iCR70/80, fitted. One year subscription included.	945.00
989209	GTS52- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for automated total stations TS13/16, TM60,iCR70/80 and iCT30, fitted. Includes one year of subscription.	1,010.00

Certificates

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812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00

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812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

AP20 AutoPole

AP20 Packages

Article	Description	Market List Price
6017140	AP20 Captivate package	12,617.00
6017141	AP20 iCON package	12,537.00

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AP20 AutoPole



Article	Description	Market List Price
922835	AutoPole AP20 H to automatically measure pole height.	3,625.00
922836	AutoPole AP20 ID to automatically find and verify your target.	2,060.00
922837	AutoPole AP20 T to automatically measure pole height and to compensate a tilted pole alignment.	7,825.00
922838	AutoPole AP20 to automatically measure pole height, to compensate a tilted pole alignment and to automatically find and verify your target.	9,240.00

AP20 Accessories



Article	Description	Market List Price
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh	235.00



922840	RH18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth Low Energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica total stations running Leica Captivate field software. Establishes communication to field controller CS20/30/35 or external radio modem TCPS30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,800.00
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922841	CCD18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth low energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica iCON robotic total stations iCR70/80 or newer. Establishes communication to field controller CS30/CC70/CC80 or external radio modem TCPS29/30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,720.00
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913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm	1,060.00
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913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends to target height 7.0 Ft, printed scale both on extendable tube and lower tube, graduation in Ft decimal	1,060.00
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913899 CRP4, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 1.37 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm 1,060.00



913900 CRP5, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 4 Ft 6.6 Inch, extends to target height 7 Ft 0 Inch, printed scale both on extendable tube and lower tube, graduation in Ft 1,060.00



806685 CRP10 Construction Pole Tip, hard metal Tip, prism height 20 cm with MPR122. 77.50



806687 CRP11 Construction Pole Plate, tiltable Plate, prism height 20 cm with MPR122. 115.00

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817344 CRP12, Center Punch Tip for all CRP poles, hard metal tip works on concrete, metal, wood,...

193.00



817345 CRP13, Adapter for fixing CRP10, CRP11, CRP12 to CRP2/3

72.50



914930 GVP738, Hard container for 2 prisms, 2 carriers/ laser plummets, 2 tribrachs, CS10, CS15, CS20, CS30, CS35 and a AP20. All CS fits with attached holder.

305.00



977379 GLS52, Carbon pole extension 1m

147.00

977380 GLS53, Mini Pole for AP20, with 5/8" thread connector

225.00

979523 GLS54, Mini Pole for AP20, with Leica stub connector

225.00

985946 GVP760 Small-sized hard container for AP20, 360° prism and CS30, CC80 and CS170 field tablet, Yellow container color.

265.00

1012148 GVP765, AP20 Robotic Container. Hard container, for CS15, CC70/80 and CS30/CC170, CS20, CS35, CC180 and CC200 field controller including attached holders, 360° prisms and AP20.

340.00

Captivate for MS/TS

Captivate Base License for MS/TS



Article	Description	Market List Price
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.	1,220.00
971595	Leica Captivate Measure & Stakeout TS/MS upgrade License key to be ordered as an upgrade from 965874. Allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
1003130	Leica Captivate Meas&Stake TS/MS time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
965874	Leica Captivate Meas&Stake TS/MS time lim. Time limited license key which allows the survey and stakeout apps to be used on a TS/MS total station.	1,220.00

Captivate Apps for MS/TS



Article	Description	Market List Price
827648	Leica Captivate Measure Stake Line TS/MS. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.	405.00
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.	405.00

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827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.	275.00
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.	480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00
834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00
834229	Leica Captivate Auto Setup for TS/MS. The app searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated from the measurements taken.	405.00
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution	2,050.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00
836522	Machine Control application for TS16/MS60. Required for all Leica Machine Control Solutions.	2,950.00
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	3,400.00
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
847952	Leica Captivate Inventory application for TS/MS. Survey, view and edit items that require nested attributes coding.	810.00

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850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00
854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00

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865037	Leica Captivate Pipeline application for TS/MS. Survey, view and edit items that require pipeline specific coding features.	1,090.00
865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00
869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
870551	Leica Captivate Trig Levels application for TS/MS. Conventional trigonometric levelling from two faces measurements average.	205.00
870554	Leica Captivate Quick Ground application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.	175.00
873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00

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923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
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923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
939873	Leica Captivate Kahramaa application for TS16/MS60. Application to	480.00
944938	convert the measurement job in the specified format for the Leica Captivate Custom Field Data Export TS/MS. Allows exporting field	275.00
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	915.00
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von	915.00
949839	Risskoordinaten in Messgebietskoordinaten und umgekehrt via Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.	1,020.00
957606	Leica Captivate Quick Stake application for TS/MS. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	445.00
982370	Captivate Piles for TS/MS. Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982375	Captivate Grid North for TS/MS Allows Setup routines to be used with true north or magnetic north entry. The apps is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985310	Captivate Nested Attributes for TS/MS Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00

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996548	Captivate Site Inspector for TS/MS This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
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1026108	Captivate Resection Match for TS/MS Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00
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Captivate Packages for MS/TS

Article	Description	Market List Price
871522	Leica Captivate Survey+ TS/MS, includes Plane & Grid Scan, Traverse, Sets of Angles	1,360.00
871523	Leica Captivate Worksite+ TS/MS, includes Line-Measure & Stake, DTM Stakeout, Volume Calculation	1,830.00

Geocom

Article	Description	Market List Price
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)	2,935.00
827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)	935.00
827665	GeoCom Video Streaming TS/MS License key which allows video streaming related GeoCom commands to be used. (Approval process is needed to order this article)	935.00
827666	Virtual GeoCom TS/MS License key which allows the virtual GeoCom port on a TS total station to be used. (Approval process is needed to order this article)	935.00

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963881	Enables the external communication with the Leica AP20 Autopole.	945.00
901400	Dynamic Lock TS/MS	1,780.00

Enduser CCP

Basic CCP



Article	Description	Market List Price
6009501	1 yr Viva TPS (TS16) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6009502	2 yr Viva TPS (TS16) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,175.00
6009503	3 yr Viva TPS (TS16) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,670.00
6009504	5 yr Viva TPS (TS16) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	2,765.00
6009509	1 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	1,218.00
6009510	2 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,000.00
6009511	3 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	2,840.00
6009512	5 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	4,715.00

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6009505	1 yr Viva TPS (TS16+GS) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	862.00
6009506	2 yr Viva TPS (TS16+GS) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,350.00

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TS16 Automated TPS

6009507	3 yr Viva TPS (TS16+GS) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,925.00
6009508	5 yr Viva TPS (TS16+GS) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,160.00
6009513	1 yr Viva TPS (TS16+CS20+GS) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	1,322.00
6009514	2 yr Viva TPS (TS16+CS20+GS) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,175.00
6009515	3 yr Viva TPS (TS16+CS20+GS) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	3,095.00
6009516	5 yr Viva TPS (TS16+CS20+GS) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	5,110.00

Blue CCP



Article	Description	Market List Price
6009517	1 yr Viva TPS (TS16) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	1,878.00
6009518	2 yr Viva TPS (TS16) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	3,225.00
6009519	3 yr Viva TPS (TS16) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	4,520.00
6009520	5 yr Viva TPS (TS16) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	7,565.00

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TS16 Automated TPS



6009525	1 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,648.00
6009526	2 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,600.00

TPS, GNSS & Dig.Level

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6009527	3 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	6,540.00
6009528	5 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	10,815.00
6009521	1 yr Viva TPS (TS16+GS) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,292.00
6009522	2 yr Viva TPS (TS16+GS) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	3,950.00
6009523	3 yr Viva TPS (TS16+GS) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	5,625.00
6009524	5 yr Viva TPS (TS16+GS) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	9,260.00
6009529	1 yr Viva TPS (TS16+CS20+GS) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,912.00
6009530	2 yr Viva TPS (TS16+CS20+GS) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	5,075.00
6009531	3 yr Viva TPS (TS16+CS20+GS) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	7,145.00
6009532	5 yr Viva TPS (TS16+CS20+GS) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	11,910.00

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TS16 Automated TPS

Bronze CCP



Article	Description	Market List Price
6009533	2 yr Viva TPS (TS16) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,975.00
6009534	3 yr Viva TPS (TS16) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,100.00
6009535	5 yr Viva TPS (TS16) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,515.00
6009536	1 yr Ext. Viva TPS (TS16) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,558.00
6009541	2 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,170.00
6009542	3 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,940.00
6009543	5 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,715.00
6009544	1yr Ext. Viva TPS (TS16+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,388.00
6009537	2 yr Viva TPS (TS16+GS) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,520.00

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TS16 Automated TPS



6009538 3 yr Viva TPS (TS16+GS) Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

4,025.00

TPS, GNSS & Dig.Level

TS16 Automated TPS

6009539	5 yr Viva TPS (TS16+GS) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,160.00
6009540	1 yr Ext. Viva TPS (TS16+GS) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,032.00
6009545	2 yr Viva TPS (TS16+CS20+GS) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,725.00
6009546	3 yr Viva TPS (TS16+CS20+GS) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	5,895.00
6009547	5 yr Viva TPS (TS16+CS20+GS) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	10,310.00
6009548	1 yr Ext. Viva (TS16+CS20+GS) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,872.00

Silver CCP



Article	Description	Market List Price
6009549	2 yr Viva TPS (TS16) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	4,025.00
6009550	3 yr Viva TPS (TS16) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	5,950.00

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6009551	5 yr Viva TPS (TS16) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	10,315.00
6009552	1 yr Ext. Viva TPS (TS16) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,678.00

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TS16 Automated TPS



6009557	2 yr Viva TPS (TS16+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	5,770.00
6009558	3 yr Viva TPS (TS16+CS20) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	8,640.00
6009559	5 yr Viva TPS (TS16+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	14,815.00
6009560	1yr Ext. Viva TPS (TS16+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,818.00
6009553	2 yr Viva TPS (TS16+GS) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	5,120.00
6009554	3 yr Viva TPS (TS16+GS) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	7,470.00
6009555	5 yr Viva TPS (TS16+GS) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	13,260.00
6009556	1 yr Ext. Viva TPS (TS16+GS) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,462.00

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6009561	2 yr Viva TPS (TS16+CS20+GS) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	6,625.00
6009562	3 yr Viva TPS (TS16+CS20+GS) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	9,945.00

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6009563	5 yr Viva TPS (TS16+CS20+GS) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	17,110.00
6009564	1 yr Ext. Viva (TS16+CS20+GS) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	4,462.00

Gold CCP



Article	Description	Market List Price
6009565	3 yr Viva TPS (TS16) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	7,500.00
6009566	5 yr Viva TPS (TS16) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	11,965.00
6009569	3 yr Viva TPS (TS16+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	10,290.00
6009570	5 yr Viva TPS (TS16+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	16,665.00
6009567	3 yr Viva TPS (TS16+GS) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	9,375.00

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6009568	5 yr Viva TPS (TS16+GS) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	15,110.00
6009571	3 yr Viva TPS (TS16+CS20+GS) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	11,795.00

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6009572	5 yr Viva TPS (TS16+CS20+GS) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	19,110.00
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Training



Article	Description	Market List Price
5003849	TS13/TS16 Full Day Workflow Training	1,640.00
5003850	TS13/TS16 Commissioning	490.00

Manuals



Article	Description	Market List Price
819205	Leica TS16 QG, multil. 1	16.10
819217	Leica TS16 QG, multil. 2	16.10
5306395	2 yr Viva TPS (TS16) Extd. Warranty	1,430.00
5306396	4 yr Viva TPS (TS16) Extd. Warranty	2,750.00

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TS60 Automated High-End TPS



TS60 Instruments

Article	Description	Market List Price
898868	TS60 I 0.5" (0.15mgon) R1000, total station with reflectorless EDM (R1000), automatic target recognition, PowerSearch, AutoHeight, 5MP imaging, overview camera, 30x telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 2 keyboards with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	63,500.00

HW Options

Article	Description	Market List Price
914944	GTS46- LOC8 theft deterrence and location device for Nova TS60/MS60, fitted. One year subscription included.	0.00
989210	GTS52- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for Nova TS60/MS60, fitted. Includes one year of subscription.	0.00

Certificates

Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00

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TS60 Automated High-End TPS



812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

AP20 AutoPole

AP20 Packages

Article	Description	Market List Price
6017140	AP20 Captivate package	12,617.00
6017141	AP20 iCON package	12,537.00

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AP20 AutoPole



Article	Description	Market List Price
922835	AutoPole AP20 H to automatically measure pole height.	3,625.00
922836	AutoPole AP20 ID to automatically find and verify your target.	2,060.00
922837	AutoPole AP20 T to automatically measure pole height and to compensate a tilted pole alignment.	7,825.00
922838	AutoPole AP20 to automatically measure pole height, to compensate a tilted pole alignment and to automatically find and verify your target.	9,240.00

AP20 Accessories



Article	Description	Market List Price
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh	235.00



922840	RH18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth Low Energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica total stations running Leica Captivate field software. Establishes communication to field controller CS20/30/35 or external radio modem TCPS30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,800.00
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922841	CCD18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth low energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica iCON robotic total stations iCR70/80 or newer. Establishes communication to field controller CS30/CC70/CC80 or external radio modem TCPS29/30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,720.00
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913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm	1,060.00
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913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends to target height 7.0 Ft, printed scale both on extendable tube and lower tube, graduation in Ft decimal	1,060.00
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913899 CRP4, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 1.37 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm 1,060.00



913900 CRP5, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 4 Ft 6.6 Inch, extends to target height 7 Ft 0 Inch, printed scale both on extendable tube and lower tube, graduation in Ft 1,060.00



806685 CRP10 Construction Pole Tip, hard metal Tip, prism height 20 cm with MPR122. 77.50



806687 CRP11 Construction Pole Plate, tiltable Plate, prism height 20 cm with MPR122. 115.00

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817344	CRP12, Center Punch Tip for all CRP poles, hard metal tip works on concrete, metal, wood,...	193.00
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817345	CRP13, Adapter for fixing CRP10, CRP11, CRP12 to CRP2/3	72.50
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914930	GVP738, Hard container for 2 prisms, 2 carriers/ laser plummets, 2 tribrachs, CS10, CS15, CS20, CS30, CS35 and a AP20. All CS fits with attached holder.	305.00
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985946	GVP760 Small-sized hard container for AP20, 360° prism and CS30, CC80 and CS170 field tablet, Yellow container color.	265.00
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1012148	GVP765, AP20 Robotic Container. Hard container, for CS15, CC70/80 and CS30/CC170, CS20, CS35, CC180 and CC200 field controller including attached holders, 360° prisms and AP20.	340.00
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Captivate for MS/TS

Captivate Base License for MS/TS



Article	Description	Market List Price
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.	1,220.00
971595	Leica Captivate Measure & Stakeout TS/MS upgrade License key to be ordered as an upgrade from 965874. Allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
1003130	Leica Captivate Meas&Stake TS/MS time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
965874	Leica Captivate Meas&Stake TS/MS time lim. Time limited license key which allows the survey and stakeout apps to be used on a TS/MS total station.	1,220.00

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Captivate Apps for MS/TS



Article	Description	Market List Price
827648	Leica Captivate Measure Stake Line TS/MS. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.	405.00
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.	405.00
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.	275.00
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.	480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00
834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00

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834229	Leica Captivate Auto Setup for TS/MS. The app searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated from the measurements taken.	405.00
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution	2,050.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	3,400.00
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
847952	Leica Captivate Inventory application for TS/MS. Survey, view and edit items that require nested attributes coding.	810.00
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00
854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
865037	Leica Captivate Pipeline application for TS/MS. Survey, view and edit items that require pipeline specific coding features.	1,090.00
865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00

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TPS, GNSS & Dig.Level

TS60 Automated High-End TPS



869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
870551	Leica Captivate Trig Levels application for TS/MS. Conventional trigonometric levelling from two faces measurements average.	205.00
870554	Leica Captivate Quick Ground application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.	175.00

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873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field	275.00
939873	Leica Captivate Kahramaa application for TS16/MS60. Application to convert the measurement job in the specified format for the	480.00
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	915.00
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via	915.00

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949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.	1,020.00
957606	Leica Captivate Quick Stake application for TS/MS. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	445.00

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982370	<p>Captivate Piles for TS/MS.</p> <p>Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.</p>	1,160.00
982375	<p>Captivate Grid North for TS/MS</p> <p>Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.</p>	710.00
985310	<p>Captivate Nested Attributes for TS/MS</p> <p>Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.</p>	810.00
996548	<p>Captivate Site Inspector for TS/MS</p> <p>This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.</p>	62.50
1026108	<p>Captivate Resection Match for TS/MS</p> <p>Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.</p>	705.00

Captivate Packages for MS/TS

Article	Description	Market List Price
871522	Leica Captivate Survey+ TS/MS, includes Plane & Grid Scan, Traverse, Sets of Angles	1,360.00
871523	Leica Captivate Worksite+ TS/MS, includes Line-Measure & Stake, DTM Stakeout, Volume Calculation	1,830.00

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TS60 Automated High-End TPS

Geocom

Article	Description	Market List Price
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)	2,935.00
827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)	935.00
827665	GeoCom Video Streaming TS/MS License key which allows video streaming related GeoCom commands to be used. (Approval process is needed to order this article)	935.00
827666	Virtual GeoCom TS/MS License key which allows the virtual GeoCom port on a TS total station to be used. (Approval process is needed to order this article)	935.00
963881	Enables the external communication with the Leica AP20 Autopole.	945.00

Quick Guides



Article	Description	Market List Price
819177	Leica TS/MS60 QG, multil. 1	16.10
819178	Leica TS/MS60 QG, multil. 2	16.10

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Enduser CCP

Basic CCP



Article	Description	Market List Price
6009390	1 yr Nova (TS/MS60) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6009391	2 yr Nova (TS/MS60) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00
6009392	3 yr Nova (TS/MS60) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,920.00
6009393	5 yr Nova (TS/MS60) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,175.00
6009394	1 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	1,218.00
6009395	2 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,172.00
6009396	3 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	3,090.00
6009397	5 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	5,125.00

Blue CCP



Article	Description	Market List Price
6009398	1 yr Nova (TS/MS60) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,278.00

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6009399	2 yr Nova (TS/MS60) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,097.00
6009400	3 yr Nova (TS/MS60) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	5,770.00
6009401	5 yr Nova (TS/MS60) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	9,625.00
6009402	1 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	3,048.00
6009403	2 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	5,472.00
6009404	3 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	7,790.00
6009405	5 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	12,925.00

Bronze CCP



Article	Description	Market List Price
6009406	2 yr Nova (TS/MS60) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00
6009407	3 yr Nova (TS/MS60) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	2,940.00

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6009408	5 yr Nova (TS/MS60) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	5,775.00
6009409	1 yr Ext. Nova (TS/MS60) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,778.00

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6009410	2 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,547.00
6009411	3 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	4,780.00
6009412	5 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,995.00
6009413	1 yr Ext. Nova(TS/MS60+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,613.00

Silver CCP



Article	Description	Market List Price
6009414	2 yr Nova (TS/MS60) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,097.00
6009415	3 yr Nova (TS/MS60) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	6,790.00
6009416	5 yr Nova (TS/MS60) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	12,225.00
6009417	1 yr Ext. Nova (TS/MS60) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,298.00
6009418	2 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	5,847.00

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6009419 3 yr Nova (TS/MS60+CS20) Silver CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support,
1 yr Extended Warranty.

9,480.00

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6009420	5 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	16,795.00
6009421	1 yr Ext. Nova(TS/MS60+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	4,443.00

Gold CCP



Article	Description	Market List Price
6009422	3 yr Nova (TS/MS60) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	8,740.00
6009423	5 yr Nova (TS/MS60) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	14,325.00
6009424	3 yr Nova (TS/MS60+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	11,530.00
6009425	5 yr Nova (TS/MS60+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	19,045.00

Training



Article	Description	Market List Price
5003866	TS60/MS60/TM60 Full Day Workflow Trainin	1,640.00
5003867	TS60/MS60/TM60 Commissioning	760.00

Instrument MS60

Article	Description	Market List Price
898871	MS60 1" (0.3mgon) R2000, MultiStation with reflectorless EDM (R2000) and high-speed 30kHz EDM, automatic target recognition, PowerSearch, AutoHeight, 5MP imaging, overview camera, 30x telescope camera, Autofocus, WLAN, Bluetooth, RS232/USB interface, RadioHandle interface, USB stick/SD card interface, 2GB eMMC Flash Memory, 1GB SDRAM, 2 keyboards with 5" WVGA color touch screen, laser plummet, Quick Guide and upright container.	59,000.00

HW Options

Article	Description	Market List Price
914944	GTS46- LOC8 theft deterrence and location device for Nova TS60/MS60, fitted. One year subscription included.	0.00
989210	GTS52- LOC8 (LTE/UMTS/GSM) theft deterrence and location device for Nova TS60/MS60, fitted. Includes one year of subscription.	0.00

Certificates

Article	Description	Market List Price
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.	1,430.00
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.	2,550.00
812539	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	3,000.00

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812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.	505.00
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.	1,210.00
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).	1,450.00
793861	OVC Camera Calibration Certificate	395.00

AP20 AutoPole

AP20 Packages

Article	Description	Market List Price
6017140	AP20 Captivate package	12,617.00
6017141	AP20 iCON package	12,537.00

AP20 AutoPole









Article	Description	Market List Price
922835	AutoPole AP20 H to automatically measure pole height.	3,625.00
922836	AutoPole AP20 ID to automatically find and verify your target.	2,060.00
922837	AutoPole AP20 T to automatically measure pole height and to compensate a tilted pole alignment.	7,825.00
922838	AutoPole AP20 to automatically measure pole height, to compensate a tilted pole alignment and to automatically find and verify your target.	9,240.00

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AP20 Accessories

	Article	Description	Market List Price
	898414	GEB321 Battery int Li-Ion 7.2V/3350mAh	235.00
	922840	RH18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth Low Energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica total stations running Leica Captivate field software. Establishes communication to field controller CS20/30/35 or external radio modem TCPS30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,800.00
	922841	CCD18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth low energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica iCON robotic total stations iCR70/80 or newer. Establishes communication to field controller CS30/CC70/CC80 or external radio modem TCPS29/30. Frequency range 2402 - 2480 MHz. Fulfils EN 300 328 V.1.8.1.	1,720.00
	913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm	1,060.00
	913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends to target height 7.0 Ft, printed scale both on extendable tube and lower tube, graduation in Ft decimal	1,060.00
	913899	CRP4, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 1.37 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm	1,060.00
	913900	CRP5, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 4 Ft 6.6 Inch, extends to target height 7 Ft 0 Inch, printed scale both on extendable tube and lower tube, graduation in Ft	1,060.00

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806685 CRP10 Construction Pole Tip, hard metal Tip, prism height 20 cm with MPR122.

77.50



806687 CRP11 Construction Pole Plate, tiltable Plate, prism height 20 cm with MPR122.

115.00



817344 CRP12, Center Punch Tip for all CRP poles, hard metal tip works on concrete, metal, wood,...

193.00



817345 CRP13, Adapter for fixing CRP10, CRP11, CRP12 to CRP2/3

72.50

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914930	GVP738, Hard container for 2 prisms, 2 carriers/ laser plummet, 2 tribrachs, CS10, CS15, CS20, CS30, CS35 and a AP20. All CS fits with attached holder.	305.00
985946	GVP760 Small-sized hard container for AP20, 360° prism and CS30, CC80 and CS170 field tablet, Yellow container color.	265.00
1012148	GVP765, AP20 Robotic Container. Hard container, for CS15, CC70/80 and CS30/CC170, CS20, CS35, CC180 and CC200 field controller including attached holders, 360° prisms and AP20.	340.00

Captivate for MS/TS

Captivate Base Lic.



Article	Description	Market List Price
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.	1,220.00
971595	Leica Captivate Measure & Stakeout TS/MS upgrade License key to be ordered as an upgrade from 965874. Allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
1003130	Leica Captivate Meas&Stake TS/MS time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a TS/MS total station.	0.10
965874	Leica Captivate Meas&Stake TS/MS time lim. Time limited license key which allows the survey and stakeout apps to be used on a TS/MS total station.	1,220.00

Captivate Apps for MS/TS



Article	Description	Market List Price
827648	Leica Captivate Measure Stake Line TS/MS. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.	610.00
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.	275.00
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.	405.00

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827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.	405.00
827653	Leica Captivate Road TS/MS. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.	1,620.00
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.	405.00
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.	275.00
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.	480.00
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834218	Leica Captivate Offset+ app for TS/MS.	480.00
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.	945.00
834221	Leica Captivate Athletics app for TS/MS.	480.00
834223	Leica Captivate Forward Intersection app for TS/MS.	405.00
834224	Leica Captivate Zenith Line app for TS/MS instruments.	480.00
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.	205.00
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.	405.00
834229	Leica Captivate Auto Setup for TS/MS. The app searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated from the measurements taken.	405.00
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution	2,050.00
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.	1,020.00
836522	Machine Control application for TS16/MS60. Required for all Leica Machine Control Solutions.	2,950.00
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00

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839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	3,400.00

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847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.	2,050.00
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.	2,050.00
847952	Leica Captivate Inventory application for TS/MS. Survey, view and edit items that require nested attributes coding.	810.00
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.	545.00
854395	Captivate ASCII with format file (Custom) export for TS16/MS60. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
865037	Leica Captivate Pipeline application for TS/MS. Survey, view and edit items that require pipeline specific coding features.	1,090.00
865657	Leica Captivate TPS Compaction Control application for TS/MS. This app provides a control method to get the compaction objective and document the results	1,480.00
867331	Leica Captivate Stakeout Auto Points application for TS/MS. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.	885.00
869755	Leica Captivate TPS Structural Steel application for TS/MS. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.	1,620.00
870551	Leica Captivate Trig Levels application for TS/MS. Conventional trigonometric levelling from two faces measurements average.	205.00
870554	Leica Captivate Quick Ground application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.	175.00
873644	Leica Captivate TS Hidden Point+ application for TS/MS. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
903372	Leica Captivate ConX 1 year license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	615.00

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903373	Leica Captivate ConX 2 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903374	Leica Captivate ConX 3 years license TS/MS. Allows exchanging files via the Leica ConX service. To access documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00

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920741	Leica Captivate Resection Sets application for TS/MS instrument. This application allows setting up the instrument based on a resection calculated from measurement sets to several targets.	480.00
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.	2,200.00
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
939873	Leica Captivate Kahramaa application for TS16/MS60. Application to convert the measurement job in the specified format for the Captivate PTS exporter for TS16/MS60. Allows exporting scan data in PTS	480.00
939877	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field	1,020.00
944938	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	275.00
947160	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via	915.00
947163	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.	915.00
949839	Leica Captivate Quick Stake application for TS/MS. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	1,020.00
957606	Captivate Piles for TS/MS. Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	445.00
982370		1,160.00

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982375	Captivate Grid North for TS/MS Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
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985310	Captivate Nested Attributes for TS/MS Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
996548	Captivate Site Inspector for TS/MS This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
1026108	Captivate Resection Match for TS/MS Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

Captivate Packages for MS/TS

Article	Description	Market List Price
871522	Leica Captivate Survey+ TS/MS, includes Plane & Grid Scan, Traverse, Sets of Angles	1,360.00
871523	Leica Captivate Worksite+ TS/MS, includes Line-Measure & Stake, DTM Stakeout, Volume Calculation	1,830.00

Geocom

Article	Description	Market List Price
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)	2,935.00
827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)	935.00

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827665	GeoCom Video Streaming TS/MS License key which allows video streaming related GeoCom commands to be used. (Approval process is needed to order this article)	935.00
827666	Virtual GeoCom TS/MS License key which allows the virtual GeoCom port on a TS total station to be used. (Approval process is needed to order this article)	935.00
827667	GeoCom Scanning MS License key which allows scanning related GeoCom commands to be used. (Approval Process is needed to order this article)	935.00
951709	GeoCom Scanning Format MS License key which allows to select a different scanning data output format.	1,070.00
963881	Enables the external communication with the Leica AP20 Autopole.	945.00

Quick Guides



Article	Description	Market List Price
819177	Leica TS/MS60 QG, multil. 1	16.10
819178	Leica TS/MS60 QG, multil. 2	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6009390	1 yr Nova (TS/MS60) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6009391	2 yr Nova (TS/MS60) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00

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6009392	3 yr Nova (TS/MS60) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,920.00
6009393	5 yr Nova (TS/MS60) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,175.00
6009394	1 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	1,218.00
6009395	2 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,172.00
6009396	3 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	3,090.00
6009397	5 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	5,125.00

Blue CCP



Article	Description	Market List Price
6009398	1 yr Nova (TS/MS60) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	2,278.00
6009399	2 yr Nova (TS/MS60) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,097.00
6009400	3 yr Nova (TS/MS60) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	5,770.00
6009401	5 yr Nova (TS/MS60) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	9,625.00

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6009402	1 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	3,048.00
6009403	2 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	5,472.00

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6009404	3 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	7,790.00
6009405	5 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	12,925.00

Bronze CCP



Article	Description	Market List Price
6009406	2 yr Nova (TS/MS60) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00
6009407	3 yr Nova (TS/MS60) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	2,940.00
6009408	5 yr Nova (TS/MS60) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	5,775.00
6009409	1 yr Ext. Nova (TS/MS60) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,778.00
6009410	2 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	2,547.00
6009411	3 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	4,780.00
6009412	5 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,995.00

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6009413	1 yr Ext. Nova(TS/MS60+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,613.00
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Silver CCP



Article	Description	Market List Price
6009414	2 yr Nova (TS/MS60) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	4,097.00
6009415	3 yr Nova (TS/MS60) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	6,790.00
6009416	5 yr Nova (TS/MS60) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	12,225.00
6009417	1 yr Ext. Nova (TS/MS60) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	3,298.00
6009418	2 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	5,847.00
6009419	3 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	9,480.00
6009420	5 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	16,795.00
6009421	1 yr Ext. Nova(TS/MS60+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	4,443.00

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Gold CCP



Article	Description	Market List Price
6009422	3 yr Nova (TS/MS60) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.	8,740.00
6009423	5 yr Nova (TS/MS60) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	14,325.00
6009424	3 yr Nova (TS/MS60+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	11,530.00
6009425	5 yr Nova (TS/MS60+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 3 yr Extended Warranty.	19,045.00

Training



Article	Description	Market List Price
5003866	TS60/MS60/TM60 Full Day Workflow Trainin	1,640.00
5003867	TS60/MS60/TM60 Commissioning	760.00

MultiWorx CCP

MultiWorx CCP



Article	Description	Market List Price
6008007	MultiWorx AutoCAD CCP 1yr. Technical support by telephone/email. Software updates.	845.00
6008008	MultiWorx AutoCAD CCP 2yr. Technical support by telephone/email. Software updates.	1,515.00
6008009	MultiWorx AutoCAD CCP 3yr. Technical support by telephone/email. Software updates.	2,160.00

MultiWorx CCP Reactivation



Article	Description	Market List Price
5003400	MultiWorx AutoCAD CCP Reactivation Must be ordered with CCP if customer's previous CCP expired 6 or more months ago. CCP starts on new PO date.	425.00

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TS/MS Accessories & Add-On Packages

Reflectors

360° Reflectors



Article	Description	Market List Price
754384	GRZ122, 360° Reflector with 5/8" thread adapter for mounting of GPS antenna.	2,250.00



639985	GRZ4 360° Reflector.	1,540.00
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644327	GRZ101 360° Mini Prism with 1/4" thread fitting.	965.00
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Circular & Precision Reflectors



Article	Description	Market List Price
641617	Circular prism GPR121 PRO, with holder and target plate	530.00



362830	Circular prism GPR1, in container	320.00
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555631	Single-prism precision reflector GPH1P	1,900.00
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TS/MS Accessories & Add-On Packages

Mini Reflectors



Article	Description	Market List Price
641662	Mini prism GMP101, incl. bubble, target plate and spike, in bag, also suitable for GLS11 and GRT44 (same height as GPH1, additive constant +17.5mm)	360.00



641762	Mini prism GMP104, with L-bar, for fixed installations	190.00
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641615	Mini prism GMP111 BASIC, incl. bubble, with GLS115 and GHT111	375.00
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Tapes (Set à 20 pc.)

Article	Description	Market List Price
763532	GZM29, Reflective Tape 20x20mm for short range, pack of 20 pieces.	87.50
763533	GZM30, Reflective Tape 40x40mm for medium range, pack of 20 pieces.	114.00
763534	GZM31, Reflective Tape 60x60mm for long range, pack of 20 pieces.	139.00

Reflector Accessories



Article	Description	Market List Price
667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.	190.00

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TS/MS Accessories & Add-On Packages

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874838 SNLL321, Precision carrier, with plate level and zenith-nadir laser plummet.

1,810.00



428340 Carrier GZR3, with plate level and optical plummet, for Target plate.

1,690.00



981662 GZR104, Carrier, with plate level and optical plummet, for reflectors and GPS antennas, pale green.

440.00



667217 Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.

215.00



362820 Single-prism holder GPH1, for all TC

108.00



400080 Three-prism holder GPH3

270.00



362823 Target plate GZT4, for GPH1

87.00



742006 GAD103, Adapter for attaching the GRZ101 to all poles (except mini poles) and reflector carriers.

87.00



742329 GMP112, Hidden Point pole extension for GMP111. Includes miniprism with holder and 30cm adapter pole.








360.00

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Reflector Poles

	Article	Description	Market List Price
	754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.	375.00
	385500	Reflector pole GLS11, telescopic, with circular bubble, cm and ft graduation, extends to 2,15m	300.00
	766359	GLS31, Reflector carbon-fibre pole with circular bubble and twist lock. Snap-locks at 2,00m for GPS (GNSS) antennas with GAD31 Adapter or GRZ122 reflector.	730.00
	667309	Reflector pole GLS111 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 2.60m, with red/white 0.20m graduations	340.00
	667310	Reflector pole GLS112 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 3.65m, with red/white 0.20m graduations	385.00
	403427	Mini reflector pole (prism/target 20cm over point), with circular bubble	155.00
	754389	GLS12F, Reflector pole, telescopic to 2.00m with circular bubble, ft graduations.	375.00

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555720	Dual strut support GSR2 for GLS11/GLS11K plumbing pole	530.00
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667319	Dual-strut support GSR111, for all GLS	435.00
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403428	GZW12, pole extension 1m made of aluminium, with Leica pin, fitting to reflector pole GLS11/GLS12 or carriers.	174.00
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Tripods & Tribrachs



Article	Description	Market List Price
667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.	525.00



394752	Tripod GST20-9, telescopic, with accessories, without pouch	525.00
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296632	Tripod GST20, telescopic, with accessories.	570.00
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777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.	440.00
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777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.	660.00
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TS/MS Accessories & Add-On Packages

	6010179	Height meter GHM007 with holder GHT196	80.50
	667718	GHM007 Instruments height meter.	53.00
	722045	GHT196 Distance holder for height meter.	27.50

Power Supply








	Article	Description	Market List Price
	793973	GEB222, Lithium Ion battery, 7.4V/6Ah, chargeable.	380.00
	905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, multilingual, included	810.00
	799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00
	822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.	103.00

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	409678	Battery cable GEV52, 5-pole, for small battery GEB70 and large battery GEB71	215.00
	734698	GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.	530.00
	771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.	705.00
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.	260.00
	439038	Car battery cable 4m, to connects 12V car battery.	440.00
	971702	GEB223 Battery int Li-Ion 7.2V/6400mAh	395.00
	971703	GEB243 Battery int Li-Ion 14.4V/6400mAh	520.00
	948756	GEV243, Charger for GEB371/373 external battery or power supply for GR receiver, for indoor use only, input 100V-240VAC 50-60HZ, output 24VDC, cable with 5-pin Lemo to connect to receiver or battery.	340.00

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TS/MS Accessories & Add-On Packages

Data Storage & Transfer

	Article	Description	Market List Price
	767856	MSD1000, SD memory card 1GB	260.00
	789139	MSD8, SD memory card 8GB.	705.00
	765199	MS1, USB memory stick, 1GB.	215.00
	767895	MCR7 USB card reader for SD- and CF-cards.	885.00
	767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.	275.00
	733282	GEV162, 2.8m Data transfer cable, for RX port. Lemo to 9 pin RS232 connector. Connects GPS Receiver to PC for data transfer, firmware upload etc.	260.00
	733283	GEV163, 1.8m Controller cable connects RX1200 Controller series to GX1200 GPS Receiver.	260.00

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TS/MS Accessories & Add-On Packages

	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.	260.00
	772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.	260.00
	806093	cable Lemo to USB connector, 2.0m. Connects DNA and TPS except TM/TS30 to PC for data transfer.	260.00
	756367	GEV217, Data transfer cable, connects RX1250 to TPS1200, 1.8m.	260.00
	707525	Lemo Canon converter 30°, for PC	130.00
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.	44.50
	563625	Data transfer cable Lemo 0/RS232 (9-pin, female, 2m) for connecting PC, laptop etc.	174.00
	759257	GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.	530.00
	793364	GEV261, Y-cable, 1.8m, connects TS/MS60/ TM50/GS - Battery - USB or RS232.	705.00


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TS/MS Accessories & Add-On Packages

RadioHandles and TCPS-Modems

	Article	Description	Market List Price
	922840	RH18, RadioHandle with two integrated Bluetooth modules and radio antenna. Supports Bluetooth Low Energy for AP20 AutoPole with Tilt Compensation. Used as radio modem for Leica total stations running Leica Captivate field software. Establishes communication to field controller CS20/30/35 or external radio modem TCPS30. Frequency range 2402 - 2480 MHz. Fulfills EN 300 328 V.1.8.1.	1,800.00
	818469	TCPS30, external long range bluetooth radio modem with antenna. Used as external radio modem for Leica Viva TPS and Leica Nova instruments or PC. (frequency range 2402 - 2480MHz, fulfills EN 300 328 V.1.8.1).	1,800.00
	734697	GEV186, Y-cable, connects RX1200 or TCPS27 to TPS1200 and external battery, 1.8m.	530.00
	771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.	705.00
	747815	GAT15, Radio antenna for GFU23, frequency range 2400 - 2483 MHz.	144.00
	866928	Antenna for RCS-Handle, with LTE Filter	210.00

Optical Accessories

	Article	Description	Market List Price
	308838	Eyepiece FOK53, supplied from factory with new instrument instead of standard eyepiece	1,200.00

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793979 GFZ3, Diagonal eyepiece for all TPS with bayonet coupling, except T100 and TS02.

1,550.00



199899 Autocollimation eyepiece (for T..800...2003)

2,100.00



394787 Plug-in lamp, with cable for Autocollimation eyepiece

785.00



394792 Battery box GEB63 for autocollimation eyepiece and eyepiece lamp

1,310.00



743504 GVO13, Objective Solar Filter for TPS.

530.00

Pen & Screen Protection Foil



Article
813914 **Description**
GDZ71 Pen with tether clip interface for CS20 field controller and TS16/TS/MS60 instruments.

Market List Price
17.40

733303 GDZ56 Touchscreen Pen

4.10



813781 SPF05, Set of 2 display protection foils including micro fibre cleaning cloth for 5" WVGA displays used in CS20 field controller and TS10, TS13, TS16, TS60, MS60, ICT30 instruments.

42.50

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799658 SPF03 Screen protection foil for
TS30 / TM30 / TPS1200+ / TS12. 42.50



799660 SPF04, Set of 2 display protection foils including micro
fibre cleaning cloth for TS03, TS07, TS09+, TS11, TS12L,
TS15, CS10, CS15, LS10, LS15, ICR60, ICB60, Builder 100-500. 29.00



767907 SPF01, Screen protector foils for CS10
or CS15 field controller. 29.00

Container MS/TS



Article	Description	Market List Price
727589	GVP102, Soft bag with shoulder strap, for prism station, consist of tribrach, prism carrier or laser plummet and prism.	87.00



833516	GVP716 Backpack for Container	340.00
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833517	GVP717 Sidebag for container	131.00
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833518	GVP718 Basic backstraps for container	195.00
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833519	GVP719 Shoulderstrap for container	99.00
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817058 GVP725 Hard container for TS16 Total-station with large display and accessories.

300.00



817060 GVP727 Container for MS50/60. Providing space for a complete MS50/60 System with accessories.

660.00



762781 Case TPS200/600/900

157.00

GS05 Packages

Article	Description	Market List Price
6019211	GS05 UHF Rover Demo Package	16,010.50
6019215	GS05 UHF Base Demo Package	12,184.00
6019213	GS05 LTE Base/Rover Demo Package	16,010.50

GS05 Antenna



Article	Description	Market List Price
1003096	GS05 UHF Base Rover GNSS SmartAntenna Geodetic 184 channels GNSS receiver with integrated UHF RTK modem and IMU module. Includes Dual-frequency for GPS, Glonass, Galileo, BeiDou and QZSS, 10 Hz position rate, raw data logging, RTK Rover and Base station setup.	15,855.00
1003097	GS05 UHF Base GNSS SmartAntenna Geodetic 184 channels GNSS receiver with integrated UHF RTK modem and IMU module. Includes Dual-frequency for GPS, Glonass, Galileo, BeiDou and QZSS, 10 Hz position rate, raw data logging and Base station setup.	11,970.00
949991	GS05 LTE Rover GNSS SmartAntenna Geodetic 184 channels GNSS receiver with integrated LTE RTK modem and IMU module. Includes Dual-frequency for GPS, Glonass, Galileo, BeiDou and QZSS, 10 Hz position rate, raw data logging, RTK Rover and Network RTK setup.	15,855.00
949992	GS05 LTE SmartNet Rover GNSS SmartAntenna Geodetic 184 channels GNSS receiver with integrated LTE RTK modem and IMU module. Includes Dual-frequency for GPS, Glonass, Galileo, BeiDou and QZSS, 10 Hz position rate, raw data logging and Network RTK setup for HxGN SmartNet NRTK GS05 services.	11,550.00

GS05 Options

Article	Description	Market List Price
1006933	RTK Rover option for GS05 Base Enables RTK positions to be computed from a single base station and from an RTK network on a GS05 UHF Base receiver.	3,885.00
1006935	RTK Rover option for GS05 SmartNet Enables RTK positions to be computed from a single base station and from an RTK network on a GS05 LTE SmartNet Rover receiver.	4,305.00
1006937	RINEX option for GS05 Enables logging of RINEX data on a GS05 receiver.	470.00
1006938	NMEA out option for GS05 Enables NMEA data to be streamed out from a GS05 receiver.	470.00
1006940	Tilt compensation option for GS05 Enables tilt compensation up to 30° on a GS05 receiver.	1,860.00



GS05 SmartNet NRTK Service

Article	Description	Market List Price
5312575	SmartNet NRTK GS05 1 yr Yearly subscription to nationwide Network RTK corrections for GS05 Sensor only. The subscription includes Network RTK access through Sensor ID only and 500 hours of RINEX download.	2,835.00

TPS, GNSS & Dig.Level

GS05 GNSS

Accessories

	Article	Description	Market List Price
	956490	GAT36, External LTE Antenna for GS05, 700-960 & 1710-2200 MHz.	78.00
	981792	GAT35, External UHF Antenna for GS05 (frequency range 400-470Mhz)	78.00
	983714	GEV302 AC/DC Adapter 30W USB-C	41.50
	879372	GEV284 ,USB 3.1 Type A to C Cable 3A, length 1.5m	47.00
	879634	GEV278, USB C data transfer cable, length 1m	36.00
	938393	GEV288, USB C data transfer cable, length 1.5m	45.50
	945956	GAD54, Adapter for GS, 50mm length	58.50

TPS, GNSS & Dig.Level

GS05 GNSS



Enduser CCP

Basic CCP

Article	Description	Market List Price
6019062	1 yr GNSS GS05 Basic CCP, consisting of: 1 yr GNSS GS05 SW Maintenance, 1 yr GNSS Customer Support.	196.50
6019063	2 yr GNSS GS05 Basic CCP, consisting of: 2 yr GNSS GS05 SW Maintenance, 2 yr GNSS Customer Support.	331.00
6019064	3 yr GNSS GS05 Basic CCP, consisting of: 3 yr GNSS GS05 SW Maintenance, 3 yr GNSS Customer Support.	480.00
6019065	5 yr GNSS GS05 Basic CCP, consisting of: 5 yr GNSS GS05 SW Maintenance, 5 yr GNSS Customer Support.	750.00

Blue CCP

Article	Description	Market List Price
6019066	1 yr GNSS GS05 Blue CCP, consisting of: 1 yr GNSS GS05 Std. HW Maintenance, 1 yr GNSS GS05 SW Maintenance, 1 yr GNSS Customer Support.	536.50
6019067	2 yr GNSS GS05 Blue CCP, consisting of: 2 yr GNSS GS05 Std. HW Maintenance, 2 yr GNSS GS05 SW Maintenance, 2 yr GNSS Customer Support.	941.00
6019068	3 yr GNSS GS05 Blue CCP, consisting of: 3 yr GNSS GS05 Std. HW Maintenance, 3 yr GNSS GS05 SW Maintenance, 3 yr GNSS Customer Support.	1,340.00

TPS, GNSS & Dig.Level

GS05 GNSS



6019069	5 yr GNSS GS05 Blue CCP, consisting of: 5 yr GNSS GS05 Std. HW Maintenance, 5 yr GNSS GS05 SW Maintenance, 5 yr GNSS Customer Support.	2,190.00
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Bronze CCP

Article	Description	Market List Price
6019070	2 yr GNSS GS05 Bronze CCP, consisting of: 2 yr GNSS GS05 SW Maintenance, 1 yr GNSS GS05 Ext. Warranty, 2 yr GNSS Customer Support.	741.00
6019071	3 yr GNSS GS05 Bronze CCP, consisting of: 3 yr GNSS GS05 SW Maintenance, 2 yr GNSS GS05 Ext. Warranty, 3 yr GNSS Customer Support.	1,220.00
6019072	5 yr GNSS GS05 Bronze CCP, consisting of: 5 yr GNSS GS05 SW Maintenance, 4 yr GNSS GS05 Ext. Warranty, 5 yr GNSS Customer Support.	2,150.00
6019073	1 yr Ext. GNSS GS05 Bronze CCP, consisting of: 1 yr GNSS GS05 SW Maintenance, 1 yr Ext. GNSS GS05 Ext. Warranty, 1 yr GNSS Customer Support.	606.50

Silver CCP

Article	Description	Market List Price
6019074	2 yr GNSS GS05 Silver CCP2, consisting of: 2 yr GNSS GS05 Std. HW Maintenance, 2 yr GNSS GS05 SW Maintenance, 1 yr GNSS GS05 Ext. Warranty, 2 yr GNSS Customer Support.	1,351.00
6019075	3 yr GNSS GS05 Silver CCP, consisting of: 3 yr GNSS GS05 Std. HW Maintenance, 3 yr GNSS GS05 SW Maintenance, 2 yr GNSS GS05 Ext. Warranty, 3 yr GNSS Customer Support.	2,080.00

TPS, GNSS & Dig.Level

GS05 GNSS



6019076	5 yr GNSS GS05 Silver CCP, consisting of: 5 yr GNSS GS05 Std. HW Maintenance, 5 yr GNSS GS05 SW Maintenance, 4 yr GNSS GS05 Ext. Warranty, 5 yr GNSS Customer Support.	3,590.00
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Gold CCP

Article	Description	Market List Price
6019078	3 yr GNSS GS05 Gold CCP, consisting of: 3 yr GNSS GS05 Std. HW Maintenance, 3 yr GNSS GS05 SW Maintenance, 2 yr GNSS GS05 Ext. Warranty, 3 yr GNSS Customer Support.	2,080.00
6019079	5 yr GNSS GS05 Gold CCP, consisting of: 5 yr GNSS GS05 Std. HW Maintenance, 5 yr GNSS GS05 SW Maintenance, 4 yr GNSS GS05 Ext. Warranty, 5 yr GNSS Customer Support.	3,590.00

Distr. Partner CCP

Basic CCP

Article	Description	Market List Price
6019080	1 yr GNSS GS05 D. P. Basic CCP, consisting of: 1 yr GNSS GS05 SW Maintenance, 1 yr GNSS Distr. Partner Support.	122.50
6019081	2 yr GNSS GS05 D. P. Basic CCP, consisting of: 2 yr GNSS GS05 SW Maintenance, 2 yr GNSS Distr. Partner Support.	207.50

TPS, GNSS & Dig.Level

GS05 GNSS



6019082	3 yr GNSS GS05 D. P. Basic CCP, consisting of: 3 yr GNSS GS05 SW Maintenance, 3 yr GNSS Distr. Partner Support.	296.00
6019083	5 yr GNSS GS05 D. P. Basic CCP, consisting of: 5 yr GNSS GS05 SW Maintenance, 5 yr GNSS Distr. Partner Support.	450.50

Extd. CCP

Article	Description	Market List Price
6019084	2 yr GNSS GS05 D. P. Extd. CCP, consisting of: 2 yr GNSS GS05 SW Maintenance, 1 yr GNSS GS05 Ext. Warranty, 2 yr GNSS Distr. Partner Support.	617.50
6019085	3 yr GNSS GS05 D. P. Extd. CCP, consisting of: 3 yr GNSS GS05 SW Maintenance, 2 yr GNSS GS05 Ext. Warranty, 3 yr GNSS Distr. Partner Support.	1,036.00
6019086	5 yr GNSS GS05 D. P. Extd. CCP, consisting of: 5 yr GNSS GS05 SW Maintenance, 4 yr GNSS GS05 Ext. Warranty, 5 yr GNSS Distr. Partner Support.	1,850.50
6019087	1yr Ext. GNSS GS05 D.P. Extd. CCP, consisting of: 1 yr GNSS GS05 SW Maintenance, 1 yr Ext. GNSS GS05 Ext. Warranty, 1 yr GNSS Distr. Partner Support.	532.50

TPS, GNSS & Dig.Level

GS07 GNSS

GS07 Antenna



Article	Description	Market List Price
869374	GS07 SmartAntenna. Geodetic 320 channels GNSS receiver, includes GPS, QZSS/NavIC, multi-frequency, Network RTK and 5 Hz positions. Easily upgradeable to Glonass, Galileo and BeiDou.	7,400.00

GS07 options

Article	Description	Market List Price
869410	LOP74, GLONASS option, enables GLONASS tracking on a GS07	860.00
869412	LOP75, Galileo option, enables Galileo tracking on a GS07 receiver.	860.00
869413	LOP76, BeiDou option, enables BeiDou tracking on a GS07	860.00
869414	LOP77, 3rd party RTK Rover option, enables RTK on a GS07 receiver when	515.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00

Accessories

Power Supply Equipment








Article	Description	Market List Price
772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.	245.00






905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, multilingual, included	810.00
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TPS, GNSS & Dig.Level

GS07 GNSS

	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.	260.00
	439038	Car battery cable 4m, to connects 12V car battery.	440.00
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.	260.00
	774438	GEV243, Y Cable, 2.8m, GR Receiver to GR Power Supply and External Battery.	620.00
	756365	GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery.	530.00

Data Recording & Transfer

	Article	Description	Market List Price
	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.	260.00
	767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.	275.00
	772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.	260.00

TPS, GNSS & Dig.Level

GS07 GNSS



764700 GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.

44.50

Transport Container

Article	Description	Market List Price
817052	GVP720, Small-sized hard container for SmartAntenna, CS10/CS15/CS20 Field Controller and accessories for a Rover setup.	161.00
1012143	GVP773, GNSS Rover Container. Small-sized hard container for SmartAntenna, CS15, CS20, CS30 and CC180 field controller and accessories for a rover setup.	195.00






Set up on Pole



Article	Description	Market List Price
752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m	580.00
768226	GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas.	375.00
807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.	147.00
767880	GHT63, Pole holder clamp for CS10 and CS15 field controller for use with GLS13, GLS30 or GLS31 pole	190.00

TPS, GNSS & Dig.Level

GS07 GNSS

	560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.	605.00
	667319	Dual-strut support GSR111, for all GLS	435.00
	925664	GHT81 Holder for CS30/CC170 tablet	195.00
	998120	GHT89, Holder and cradle for attaching GKP100 Leica Captivate keypad and CS30 tablet to a pole. GHT63 is not included.	385.00
	972107	CMB16, Tablet Holder for CC200 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included).	510.00

Enduser CCP

Basic CCP

Article	Description	Market List Price
6011303	5 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,150.00
6011302	3 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,920.00
6011301	2 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00

TPS, GNSS & Dig.Level

GS07 GNSS



6011300	1 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6006736	1 yr Viva GNSS (GS08/12) Basic CCP, consisting of: 1 yr Customer Support.	101.00
6006737	2 yr GNSS (GS08/12) Basic CCP, consisting of: 2 yr Customer Support.	172.00
6006738	3 yr Viva GNSS (GS08/12) Basic CCP, consisting of: 3 yr Customer Support.	250.00
6011361	5 yr GNSS (GS0X) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	385.00

Blue CCP

Article	Description	Market List Price
6011307	5 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	5,200.00
6011306	3 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	3,150.00
6011305	2 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	2,212.00

TPS, GNSS & Dig.Level

GS07 GNSS



6011304	1 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	1,238.00
6006739	1 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support.	263.00
6006740	2 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support.	467.00
6006741	3 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support.	665.00
6011365	5 yr GNSS (GS0X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	1,030.00

Bronze CCP

Article	Description	Market List Price
6011325	1 yrExt. Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,333.00
6011324	5 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,100.00
6011323	3 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,950.00

TPS, GNSS & Dig.Level

GS07 GNSS

6011322	2 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,922.00
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Silver CCP

Article	Description	Market List Price
6011311	1 yr Ext. Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,813.00
6011310	5 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,150.00
6011309	3 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,180.00
6011308	2 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,787.00
6006745	2 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	792.00
6006746	3 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,250.00
6011373	5 yr GNSS (GS0X) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,120.00

TPS, GNSS & Dig.Level

GS07 GNSS



6006747	1 yr Ext. Viva GNSS (GS08/12) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	0.00
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Gold CCP

Article	Description	Market List Price
6011313	5 yr Viva GNSS (GS0X+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,150.00
6011312	3 yr Viva GNSS (GS0X+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,180.00
6006748	3 yr Viva GNSS (GS08/12) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,250.00
6011377	5 yr GNSS (GS0X) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,120.00

GS18 Packages

GS18/CS20 Packages NAFTA



Article	Description	Market List Price
6018471	GS18 I LTE Perform. Net-Rover R2M NAFTA	16,411.00
6018472	GS18 I LTE Unlimit. Net-Rover R2M NAFTA	11,522.00
6018473	GS18 T LTE Perform. Net-Rover R2M NAFTA	36,086.00
6018474	GS18 T LTE Unlimit. Net-Rover R2M NAFTA	31,197.00
6018475	GS18 LTE Performance Net-Rover R2M NAFTA	31,536.00
6018476	GS18 LTE Unlimited Net-Rover R2M NAFTA	10,657.00
6019427	GS18 LTE & UHF - NA Unlimited	20,130.00
6019428	GS18 T LTE & UHF - NA Unlimited	24,680.00
6019429	GS18 I LTE & UHF - NA Unlimited	27,410.00

GS18 Receiver & Options

GS18 I Receiver

GS18 I NAFTA



Article	Description	Market List Price
864384	GS18 I LTE&UHF Performance GNSS SmartAntenna for NAFTA. Geodetic 555 channels GNSS receiver with integrated LTE and UHF RTK modems, IMU module and camera. Includes multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS18 options (e.g. Glonass, Galileo).	23,230.00

GS18 I Spread-spectrum UHF radio

Article	Description	Market List Price
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TPS, GNSS & Dig.Level

GS16/GS18 GNSS



864385	GS18 I LTE&UHF Performance GNSS SmartAntenna. Geodetic 555 channels GNSS receiver with integrated LTE and 900 MHz UHF RTK modems, IMU module and camera. Includes multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS18 options (e.g. Glonass, Galileo).	25,800.00
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GS18 T Receiver

GS18 T NAFTA



Article	Description	Market List Price
855304	GS18 T LTE&UHF Performance GNSS SmartAntenna for NAFTA. Geodetic 555 channels GNSS receiver with integrated LTE and UHF RTK modems and IMU module. Includes multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS18 options (e.g. Glonass, Galileo).	20,500.00

GS18 T Spread-spectrum UHF radio



Article	Description	Market List Price
945113	GS18 T LTE&UHF Performance GNSS SmartAntenna. Geodetic 555 channels GNSS receiver with integrated LTE and 900 MHz UHF RTK modems and IMU module. Includes multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily	24,000.00

GS18 Receiver



GS18 NAFTA

Article	Description	Market List Price
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TPS, GNSS & Dig.Level

GS16/GS18 GNSS

- when it has to be **right**



939677 GS18 LTE&UHF Performance GNSS SmartAntenna for NAFTA. Geodetic 555 channels GNSS receiver with integrated LTE and UHF RTK modems. Includes GPS Multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS18 options (e.g. Glonass, Galileo, GS18 to GS18 T).

15,950.00

GS18 Spread-spectrum UHF radio



Article	Description	Market List Price
939678	GS18 LTE&UHF900 Performance GNSS SmartAntenna. Geodetic 555 channels GNSS receiver with integrated LTE and 900 MHz UHF RTK modems. Includes GPS Multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS18	19,000.00

GS18 Options

Article	Description	Market List Price
856074	LOP60, GLONASS option, enables GLONASS tracking on a GS18 receiver.	1,020.00
856075	LOP61, Galileo option, enables Galileo tracking on a GS18 receiver.	1,020.00
856076	LOP62, BeiDou option, enables BeiDou tracking on a GS18 receiver.	1,020.00
856077	LOP63, QZSS/NavIC option, enables QZSS tracking on a GS18 receiver.	640.00
856080	LOP65, RINEX option, allows logging of RINEX data on a GS18 receiver.	560.00

TPS, GNSS & Dig.Level

GS16/GS18 GNSS



856081	LOP66, NMEA out option, enables NMEA to be streamed from GS18 receivers.	560.00
856083	LOP68, Unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance on a GS18 receiver.	2,000.00
856084	LOP69, Unlimited RTK and Network RTK option, enables RTK position to be computed from a single base station and within a RTK network on a GS18 receiver.	2,850.00
856085	LOP70, Upgrade option, upgrades from RTK unlimited only to RTK unlimited including RTK Network on a GS18 receiver (LOP68 to LOP69).	1,340.00
856086	LOP71, RTK Reference station option, enables RTK data to be transmitted from a GS18 receiver.	2,300.00
856087	LOP72, OWI option, enables GS18 receiver to be controlled from 3rd Party software.	985.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS receiver.	970.00

GS18 Options Upgrade (US/CA)

Article	Description	Market List Price
6018520	GS18 Performance to Unlimited Upgrade package includes: <ul style="list-style-type: none"> • LOP60 GLONASS option • LOP61 Galileo option • LOP62 BeiDou option 	1,974.00

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TPS, GNSS & Dig.Level
GS16/GS18 GNSS

6018522	GS18 Performance to Unlimited Upgrade package includes: <ul style="list-style-type: none">• LOP60 GLONASS option• LOP61 Galileo option• LOP62 BeiDou option• LOP63 QZSS / NavIC option• LOP65 RINEX option• LOP66 NMEA out option	2,645.00
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TPS, GNSS & Dig.Level

GS16/GS18 GNSS

GS16 Receiver & Options

GS16 Worldwide



Article	Description	Market List Price
939767	GS16 UHF Performance. Geodetic 555 channels GNSS SmartAntenna with integrated UHF RTK radio. Includes GPS Multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS16 options.	17,000.00
939768	GS16 UHF Unlimited. Geodetic 555 channels GNSS SmartAntenna with integrated UHF RTK radio and all GS16 options.	16,905.00

GS16 Options



Article	Description	Market List Price
843513	LOP54, GLONASS option. Enables GLONASS tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
843514	LOP55, Galileo option. Enables Galileo tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
843515	LOP56, BeiDou option. Enables BeiDou tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
856090	LOP73, QZSS/NavIC option. Enables QZSS tracking on a GS10, GS15, GS16 or GS25 receiver.	635.00
767813	LOP10, unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance.	2,000.00
767815	LOP12, unlimited RTK unlimited and Network RTK, enables RTK position to be computed from a single base station and within a RTK network.	2,800.00
767817	LOP14, Upgrade option for GS10, GS15 sensors from RTK unlimited to RTK unlimited including RTK Network. (LOP10 to LOP12).	1,330.00
767816	LOP13, RTK Reference station option, allows a GS10, GS15 sensor to transmit RTK data.	2,250.00

TPS, GNSS & Dig.Level

GS16/GS18 GNSS

767818	LOP15, NMEA out option, enables NMEA to be streamed from the GS10, GS15 sensors.	560.00
771498	LOP17, OWI control for GS10 and GS15 sensor.	980.00
767811	LOP8, RINEX option, allows logging of RINEX data on GS10, GS15 sensor or on a CS field controller.	560.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00

GS16 Options Upgrade (US/CA)

Article	Description	Market List Price
6018524	GS16 Performance to Unlimited Upgrade package includes: <ul style="list-style-type: none"> • LOP54 GLONASS option • LOP55 Galileo option • LOP56 BeiDou option 	2,040.00
6018523	GS16 Performance to Unlimited Upgrade package includes: <ul style="list-style-type: none"> • LOP54 GLONASS option • LOP55 Galileo option • LOP56 BeiDou option • LOP73 QZSS / NavIC option • LOP8 RINEX option • LOP15 NMEA out option 	2,770.00

RTK Communication Devices

RTK Radios



Article	Description	Market List Price
828005	GFU30, Satellite TR4+ 403-473 MHz RX/TX radio in GFU housing. Transceiver UHF radio module. User manual and CE-Declaration of Conformity included.	2,500.00
979946	GFU31, 4G/LTE Cat. 1 module for global use in GFU housing. Provides full flexibility due to multi-band technology (700/800/850/900/1800/1900/2100/2300/2500/2600 Mhz) supporting all GSM GPRS EDGE UMTS and LTE FDD/TDD network providers.	1,650.00

TPS, GNSS & Dig.Level

GS16/GS18 GNSS

- when it has to be **right**



789636 HPR2, Satelline-EASY Pro 35W high power radio, 403-473 Mhz RX/TX radio.
Includes power cable for connecting to 12V battery.

4,300.00

TPS, GNSS & Dig.Level

GS16/GS18 GNSS

- when it has to be **right**



982340	HPR4, SATEL-EASy Pro+ 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery and programming cable.	4,450.00
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RTK Antennas for GS18T



Article	Description	Market List Price
834668	GAT27, Multiband Antenna for 700-2700 MHz GSM/UMTS/LTE mobile networks and 900 MHz radio.	172.00

849256	GAT28, UHF radio antenna, 403-473 MHz	80.00
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979949	GAT33 , Multiband (698–960MHz; 1710-2400MHz and 2496-2690MHz) Antenna for GSM/UMTS/LTE mobile networks & 900 MHz radio, with TNC connector.	191.00
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855149	CA41, RTK arm to mount external RTK antenna to iCG70/GS18 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle	325.00
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806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.	86.50
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806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.	86.50
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667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	130.00
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TPS, GNSS & Dig.Level

GS16/GS18 GNSS



667220 Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.

71.00



667236 Base with 5/8 inch screw, for setting up telescopic rod on tripod.

87.00

RTK Antennas for GS16



Article 639964 **Description** Gainflex radio antenna, frequency range 400-435MHz.

Market List Price 80.00



667243 Gainflex Radio antenna, frequency range 435-470MHz.

80.00



806099 GAT 23 UHF Antenna 430-450Mhz with NMO connector.

86.50



806100 GAT 24 UHF Antenna 450-470Mhz with NMO connector.

86.50



767790 GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.

215.00



767791 GAD109, transition adapter from external AIS15 UHF/GSM Antennaconnector to standard TNC connector. Allows to connect an external GSM/UHF Antenna via gainflex cable to the GS15 SmartAntenna using the sensor as a Reference Station.

111.00

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GS16/GS18 GNSS



667228 Telescopic rod with 5/8 inch screw. Fits
in minipack 667137. Fits in base 667236.

130.00

TPS, GNSS & Dig.Level

GS16/GS18 GNSS



667220 Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.

71.00



667236 Base with 5/8 inch screw, for setting up telescopic rod on tripod.

87.00

RTK Cables



Article **Description**
733297 GEV171, 1.8m cable to program, the Sateline 3AS radio modem inside the GFU14 housing.

Market List Price
605.00



799776 GEV266, 1.8m Cable to connect Sateline High Power Radio to GS14 GNSS Receiver.

310.00

811818 GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711.

440.00



636959 2.8m antenna cable.

139.00



667201 1.6m extension for antenna cable.

87.00

982338 GEV301, Programming cable that allows a Satel HPR radio to be programmed by a PC using the USB port.

340.00

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982339	GEV300, Power cable that allows powering Satel HPR4 from the GVP711 battery soft bag.	560.00
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RTK Accessories



Article	Description	Market List Price
790314	GVP703, Softbag for accessories or tablet computer CS25.	53.00



806097	GVP 712, container for Satel radio and accessories.	240.00
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806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.	360.00
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806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.	185.00
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748417	GHT58, Bracket to mount a radio built into the Leica GFU radio housing on a tripod.	87.00
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767896	GHT64 Holder for GFU Radios. Attaches to all GPS poles.	174.00
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855146	CRP15, Quick Snap Connector for construction GNSS antenna. Allows for the quick and simple mount and dismount of the GNSS antenna from a pole, vehicle or tripod	255.00
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GS16/GS18 GNSS

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Quick Guides



Article	Description	Market List Price
798190	Leica GS14/GS16 QG,en	16.10
798192	Leica GS14/GS16 QG,fr	16.10
851576	Leica GS18 QG,multil.1	16.10
851577	Leica GS18 QG,multil.2	16.10
851578	Leica GS18 QG,multil.3	16.10
851579	Leica GS18 QG,multil.4	16.10

GNSS Receiver & Options

GS25



Article	Description	Market List Price
843495	GS25 Performance. Geodetic 555 channels GNSS receiver with options: Multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS25 options. Event and PPS Output ports. USB port and internal battery.	17,400.00
838043	GS25 Unlimited. Geodetic 555 channels GNSS receiver with all GS25 options. Event and PPS Output ports. USB port and internal battery.	19,900.00

GS10



Article	Description	Market List Price
838030	GS10 Performance. Geodetic 555 channels GNSS receiver with options: Multi-frequency, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS10 options.	14,800.00
838032	GS10 Unlimited. Geodetic 555 channels GNSS receiver with all GS10 options.	17,300.00

GS10/25 Options



Article	Description	Market List Price
843513	LOP54, GLONASS option. Enables GLONASS tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
843514	LOP55, Galileo option. Enables Galileo tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
843515	LOP56, BeiDou option. Enables BeiDou tracking on a GS10, GS15, GS16 or GS25 receiver.	1,020.00
767813	LOP10, unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance.	2,000.00

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GS10/25 GNSS



767815	LOP12, unlimited RTK unlimited and Network RTK, enables RTK position to be computed from a single base station and within a RTK network.	2,800.00
767817	LOP14, Upgrade option for GS10, GS15 sensors from RTK unlimited to RTK unlimited including RTK Network. (LOP10 to LOP12).	1,330.00
767816	LOP13, RTK Reference station option, allows a GS10, GS15 sensor to transmit RTK data.	2,250.00
767818	LOP15, NMEA out option, enables NMEA to be streamed from the GS10, GS15 sensors.	560.00
771498	LOP17, OWI control for GS10 and GS15 sensor.	980.00
767811	LOP8, RINEX option, allows logging of RINEX data on GS10, GS15 sensor or on a CS field controller.	560.00
856090	LOP73, QZSS/NavIC option. Enables QZSS tracking on a GS10, GS15, GS16 or GS25 receiver.	635.00
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30/GS07/GS10/GS16/GS18/GS25 GNSS	970.00

GS10/25 Options Upgrade (US/CA)

Article	Description	Market List Price
6018521	GS10/GS25 Performance to Unlimited Upgrade package includes: <ul style="list-style-type: none"> • LOP54 GLONASS option • LOP55 Galileo option • LOP56 BeiDou option • LOP73 QZSS / NavIC option • LOP8 RINEX option • LOP15 NMEA out option 	2,770.00

GNSS Antennas & Cables

Antennas for GS10/25 Receiver

Article	Description	Market List Price
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892427 AS11, High precision multi-frequency GNSS antenna.

1,830.00

Antenna Cables

Article	Description	Market List Price
667200	1.2m antenna cable.	87.00
667201	1.6m extension for antenna cable.	87.00
724969	GEV194, 1.8m antenna cable, To be used for balanced all-on-the-pole setup.	130.00
636959	2.8m antenna cable.	139.00
632372	10m antenna cable.	174.00

RTK Communication Devices

for GS25



Article	Description	Market List Price
828007	SLR6-1, Sateline TR4+ 403-473 MHz RX/TX radio in SLR housing. Transceiver UHF radio module for GS25/GR50/GR30/GR25/GR10/GM30/GM10 sensors. User manual and CE-Declaration of Conformity included.	2,500.00

979947	SLG31, 4G/LTE Cat. 1 mobile modem for global use. Provides full flexibility due to multi-band technology (700/800/850/900/1800/1900/2100/2300/2500/2600 Mhz) supporting all GSM, GPRS, EDGE, UMTS and LTE FDD/TDD network providers. Can easily be plugged into the GS25 and GR/GM GNSS receivers.	1,540.00
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789636	HPR2, Sateline-EASY Pro 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery.	4,300.00
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982340	HPR4, SATEL-EASy Pro+ 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery and programming cable.	4,450.00
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for GS10



Article	Description	Market List Price
828005	GFU30, Sateline TR4+ 403-473 MHz RX/TX radio in GFU housing. Transceiver UHF radio module. User manual and CE-Declaration of Conformity included.	2,500.00

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979946 GFU31, 4G/LTE Cat. 1 module for global use in GFU housing. Provides full flexibility due to multi-band technology (700/800/850/900/1800/1900/2100/2300/2500/2600 Mhz) supporting all



789636 GSM, GPRS, EDGE, UMTS and LTE FDD/TDD network providers HPR2, Satellite-EASY Pro 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery.



982340 HPR4, SATEL-EASy Pro+ 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery and programming cable.

767861 GFU29, 5 band UMTS module for global use in GFU housing. Compatible with GSM, GPRS, EDGE, HSDPA networks.

RTK Antennas



Article	Description	Market List Price
639964	Gainflex radio antenna, frequency range 400-435MHz.	80.00



667243	Gainflex Radio antenna, frequency range 435-470MHz.	80.00
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806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.	86.50
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806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.	86.50
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979949	GAT33 , Multiband (698–960MHz; 1710-2400MHz and 2496-2690MHz) Antenna for GSM/UMTS/LTE mobile networks & 900 MHz radio, with TNC connector.	191.00
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	130.00
667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.	71.00
667236	Base with 5/8 inch screw, for setting up telescopic rod on tripod.	87.00

RTK Cables



Article	Description	Market List Price
733297	GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.	605.00
767898	GEV233, cable connects GS10/GS15 Port2 to System1200 GFU devices, length 0.8m	360.00
767897	GEV232, cable connects GS10/GS15 Port to System1200 GFU devices, length 2.8m	440.00
817713	GEV275 Datacable 1.8m, connects Satelline HPR UHF-radio with GS sensor.	400.00

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811818	GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711.	440.00
809029	GEV273, cable Lemo and RS232 connection, for programming a HPR2 Satel radio.	340.00
639968	1.8m Cable, 15 pin RS232 to 8 pin LEMO. Connects Sateline 2ASxm2 radio modem to GPS receiver. Only required if housing not used.	310.00
982338	GEV301, Programming cable that allows a Satel HPR radio to be programmed by a PC using the USB port.	340.00
982339	GEV300, Power cable that allows powering Satel HPR4 from the GVP711 battery soft bag.	560.00

RTK Accessories



Article	Description	Market List Price
790314	GVP703, Softbag for accessories or tablet computer CS25.	53.00
806097	GVP 712, container for Satel radio and accessories.	240.00
806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.	360.00

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806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.	185.00
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Quick Guides



Article	Description	Market List Price
793289	Leica Viva GS10 QuickGuide,en	16.10
793291	Leica Viva GS10 QuickGuide,fr	16.10
793316	Leica GS25 Quick Guide,en	16.10
793318	Leica GS25 Quick Guide,fr	16.10

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Power Supply







	Article	Description	Market List Price
	772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.	245.00
	905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, multilingual, included	810.00
	799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00
	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.	260.00
	439038	Car battery cable 4m, to connects 12V car battery.	440.00
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.	260.00

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	756365	GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery.	530.00
	807696	GEV270 Power supply unit for TPS/GPS/DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00
	954519	GEB364 Battery int Li-Ion 11.1V/7000mAh	450.00
	954518	GEB334 Battery int Li-Ion 10.8V/3450mAh	290.00
	971702	GEB223 Battery int Li-Ion 7.2V/6400mAh	395.00
	971703	GEB243 Battery int Li-Ion 14.4V/6400mAh	520.00
	948756	GEV243, Charger for GEB371/373 external battery or power supply for GR receiver, for indoor use only, input 100V-240VAC 50-60HZ, output 24VDC, cable with 5-pin Lemo to connect to receiver or battery.	340.00









Data Storage & Transfer

	Article	Description	Market List Price
	767856	MSD1000, SD memory card 1GB	260.00

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	795993	MMSD01 MicroSD Memory Card 1GB.	260.00
	767895	MCR7 USB card reader for SD- and CF-cards.	885.00
	733280	GEV160, 2.8m Data transfer cable, connects GPS1200 or RX1220 to PC (9-pin RS232 serial).	174.00
	733282	GEV162, 2.8m Data transfer cable, for RX port. Lemo to 9 pin RS232 connector. Connects GPS Receiver to PC for data transfer, firmware upload etc.	260.00
	806094	GEV268, Data transfer cable, converter cable Lemo to USB connector, 2.0m. connects GNSS receiver to PC.	260.00
	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.	260.00
	767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.	275.00
	772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.	260.00








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Transport Container

	Article	Description	Market List Price
	833516	GVP716 Backpack for Container	340.00
	833517	GVP717 Sidebag for container	131.00
			
	833518	GVP718 Basic backstraps for container	195.00
	833519	GVP719 Shoulderstrap for container	99.00
			
	770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.	240.00
	980903	GVP754, Hard container for 2 SmartAntennas, CS field controller and accessories for a base and rover setup.	300.00
	980901	GVP752, Hard container for GS10/GS25 receiver, CS field controller/tablet and accessories for a base or rover setup.	300.00

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1012143	GVP773, GNSS Rover Container. Small-sized hard container for SmartAntenna, CS15, CS20, CS30 and CC180 field controller and accessories for a rover setup.	195.00
1012145	GVP770 SmartPole/SmartStation Container. Hard container for SmartAntenna, CS15, CS20, CS30, C35, CC180 and CC200 Field Controller and accessories for a SmartPole and SmartStation setup.	300.00

Set up on Tripod






	Article	Description	Market List Price
	399244	Tripod GST05, telescopic, with polymer coating, with accessories.	350.00
	563630	Aluminium-Tripod GST05L, telescopic, with accessories.	270.00
	667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.	525.00
	777508	GDF321, Tribach without optical plummet, professional 5000 series, pale green.	440.00
	777509	GDF322, Tribach with optical plummet, professional 5000 series, pale green.	660.00
	770715	GRT247, Carrier with 5/8" screw for GS15.	174.00

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	667216	GRT146 Carrier with 5/8 inch screw, GPS antenna screws on directly.	174.00
	667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.	190.00
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	215.00
	667244	Height hook with integrated tape measure.	310.00
	842062	GDF312 Tribrach with optical plummet, professional 3000 series, green.	455.00

Set up on Pole

	Article	Description	Market List Price
	752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m	580.00
	768226	GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas.	375.00
	766359	GLS31, Reflector carbon-fibre pole with circular bubble and twist lock. Snap-locks at 2,00m for GPS (GNSS) antennas with GAD31 Adapter or GRZ122 reflector.	730.00










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	754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.	375.00
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	215.00
	855146	CRP15, Quick Snap Connector for construction GNSS antenna. Allows for the quick and simple mount and dismount of the GNSS antenna from a pole, vehicle or tripod	255.00
	733265	GHT40, Holder for GX1210 / GX1220 / GX1230 GPS Receiver for balanced all-on-the-pole setup.	260.00
	767880	GHT63, Pole holder clamp for CS10 and CS15 field controller for use with GLS13, GLS30 or GLS31 pole	190.00
	807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.	147.00
	770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.	240.00
	560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.	605.00
	667319	Dual-strut support GSR111, for all GLS	435.00

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	667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	130.00
	667219	Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm.	107.00
	767790	GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.	215.00
	855149	CA41, RTK arm to mount external RTK antenna to iCG70/GS18 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle	325.00
	667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.	71.00
	667200	1.2m antenna cable.	87.00
	667201	1.6m extension for antenna cable.	87.00
	636959	2.8m antenna cable.	139.00
	925664	GHT81 Holder for CS30/CC170 tablet	195.00


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	998120	GHT89, Holder and cradle for attaching GKP100 Leica Captivate keypad and CS30 tablet to a pole. GHT63 is not included.	385.00
	972107	CMB16, Tablet Holder for CC200 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included).	510.00

SmartStation Setup

	Article	Description	Market List Price
	767802	GAD110 SmartStation Adapter. Required to attach a SmartAntenna onto a total station for SmartStation Setup.	720.00

Active Customer Care

Enduser CCP

	Article	Description	Market List Price
	6003686	1 yr Viva GNSS (GS1X) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	205.00
	6003687	2 yr Viva GNSS (GS1X) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	347.00
	6003688	3 yr Viva GNSS (GS1X) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	505.00
	6009618	5 yr Viva GNSS (GS1X) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	780.00
	6003698	1 yr Viva GNSS (GS1X) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	530.00

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GNSS Accessories and Active Customer Care



6003699 2 yr Viva GNSS (GS1X) Blue CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.

932.00

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6003700	3 yr Viva GNSS (GS1X) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	1,320.00
6009631	5 yr Viva GNSS (GS1X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	2,140.00
6003710	2 yr Viva GNSS (GS1X) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	862.00
6003711	3 yr Viva GNSS (GS1X) Bronze CCP, , consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,420.00
6009640	5 yr Viva GNSS (GS1X) Bronze CCP consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,360.00
6003712	1 yr Ext. Viva GNSS (GS1X) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	720.00
6003722	2 yr Viva GNSS (GS1X) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,447.00
6003723	3 yr Viva GNSS (GS1X) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,235.00
6009651	5 yr Viva GNSS (GS1X) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	3,720.00

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6003724	1 yr Ext. Viva GNSS (GS1X) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,045.00
6003730	3 yr Viva GNSS (GS1X) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,235.00

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6009658	5 yr Viva GNSS (GS1X) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	3,720.00
6009614	1 yr Viva GNSS (GS1X+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	862.00
6009615	2 yr Viva GNSS (GS1X+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,522.00
6009616	3 yr Viva GNSS (GS1X+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	2,175.00
6009617	5 yr Viva GNSS (GS1X+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,545.00
6009627	1 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	1,342.00
6009628	2 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	2,387.00
6009629	3 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	3,405.00
6009630	5 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	5,595.00
6009636	2 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,402.00
6009637	3 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,755.00

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TPS, GNSS & Dig.Level

GNSS Accessories and Active Customer Care



6009638	5 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	6,545.00
6009639	1yrExt. Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,742.00

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GNSS Accessories and Active Customer Care



6009647	2 yr Viva GNSS (GS1X+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	3,267.00
6009648	3 yr Viva GNSS (GS1X+CS20) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,985.00
6009649	5 yr Viva GNSS (GS1X+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,595.00
6009650	1yrExt. Viva GNSS (GS1X+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	2,222.00
6009656	3 yr Viva GNSS (GS1X+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,755.00
6009657	5 yr Viva GNSS (GS1X+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	8,595.00
6011300	1 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	758.00
6011301	2 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	1,347.00
6011302	3 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	1,920.00
6011303	5 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	3,150.00

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GNSS Accessories and Active Customer Care



6011304	1 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	1,238.00
6011305	2 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	2,212.00

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GNSS Accessories and Active Customer Care

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6011306	3 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	3,150.00
6011307	5 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	5,200.00
6011322	2 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,922.00
6011323	3 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,950.00
6011324	5 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,100.00
6011325	1 yrExt. Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,333.00
6011308	2 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	2,787.00
6011309	3 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,180.00
6011310	5 yr Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,150.00

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GNSS Accessories and Active Customer Care



6011311	1 yr Ext. Viva GNSS (GS0X+CS20) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,813.00
6011312	3 yr Viva GNSS (GS0X+CS20) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	4,180.00

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GNSS Accessories and Active Customer Care

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6011313	5 yr Viva GNSS (GS0X+CS20) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	7,150.00
6006736	1 yr Viva GNSS (GS08/12) Basic CCP, consisting of: 1 yr Customer Support.	101.00
6006737	2 yr GNSS (GS08/12) Basic CCP, consisting of: 2 yr Customer Support.	172.00
6006738	3 yr Viva GNSS (GS08/12) Basic CCP, consisting of: 3 yr Customer Support.	250.00
6011361	5 yr GNSS (GS0X) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	385.00
6006739	1 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support.	263.00
6006740	2 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support.	467.00
6006741	3 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support.	665.00
6011365	5 yr GNSS (GS0X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	1,030.00
6006742	2 yr Viva GNSS (GS08/12) Bronze CCP	497.00
6006743	3 yr Viva GNSS (GS08/12) Bronze CCP	835.00
6011369	5 yr GNSS (GS0X) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	1,475.00
6006744	1 yr Ext. Viva GNSS (GS08/12) Bronze CCP	0.00

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GNSS Accessories and Active Customer Care



6006745	2 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	792.00
6006746	3 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,250.00

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GNSS Accessories and Active Customer Care



6011373	5 yr GNSS (GS0X) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,120.00
6006747	1 yr Ext. Viva GNSS (GS08/12) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	0.00
6006748	3 yr Viva GNSS (GS08/12) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,250.00
6011377	5 yr GNSS (GS0X) Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,120.00

Distr. Partner CCP



Article	Description	Market List Price
6003738	1 yr Viva GNSS (GS1X) D. P. Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Distribution Partner Support.	130.50
6003739	2 yr Viva GNSS (GS1X) D. P. Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Distribution Partner Support.	219.00
6003740	3 yr Viva GNSS (GS1X) D. P. Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Distribution Partner Support.	312.50

Training



Article	Description	Market List Price
5002248	GNSS Full Day Workflow Training	1,640.00
5002250	GNSS Commissioning	490.00

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CS20 Captivate Field Controller

Instruments CS20



Article	Description	Market List Price
876480	CS20 LTE Disto Field Controller (US/CA). Ruggedized field controller with 5" WVGA touch display, 4GB eMMC Flash Memory, 2GB SDRAM, SD card slot, 5MP camera and LED flash. Includes internal Bluetooth/WLAN module, 4G GSM/UMTS/LTE module, internal TS communication module, integrated Disto-Lasermeter, stylus, Onboard Charging, QWERTY keypad.	6,825.00
833039	Leica Captivate TS12 connection for CS20	0.01
971176	CS20 Field Controller. Ruggedized WinEC7 field controller with 5" WVGA touch display, 4GB eMMC Flash Memory, 1GB SDRAM, SD card slot, 5MP camera and LED flash. Includes internal Bluetooth/WLAN module, internal TS communication module, QWERTY keypad, stylus.	5,150.00
971178	CS20 LTE Field Controller US/CA. Ruggedized WinEC7 field controller with 5" WVGA touch display, 4GB eMMC Flash Memory, 1GB SDRAM, SD card slot, 5MP camera and LED flash. Includes internal Bluetooth/WLAN module, 4G GSM/UMTS/LTE module, Internal TS communication module, CGR4 & CTR20 module support, QWERTY keypad, stylus.	6,000.00

TPS specific HW



Article	Description	Market List Price
808038	CTR20, TS communication expansion pack with integrated radio module for CS20 3.75G & LTE Field controller variants. Used to establish long range radio connection between CS20 3.75G field controller and TS totalstations equipped with RH16. 812027 - GAT25 radio antenna is required but has to be ordered separately. (frequency range 2402 -	1,650.00
812027	GAT25, radio antenna for CTR20 long range TS communication module.(Frequency range 2402 - 2480MHz).	159.00

TPS, GNSS & Dig.Level

CS20 Captivate Field Controller



818469	TCPS30, external long range bluetooth radio modem with antenna. Used as external radio modem for Leica Viva TPS and Leica Nova instruments or PC. (frequency range 2402 - 2480MHz, fulfills EN 300 328 V.1.8.1).	1,800.00
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GNSS specific HW



Article	Description	Market List Price
798497	CGR4 UHF RTK radio expansion pack, 403-470 MHz radio Expansion Pack for all CS20 3.75G field controller variants. RTK receive only UHF radio to be easily attached to the CS20 expansion pack compartment. GAT26 RTK radio antenna not included.	2,750.00
817014	GAT26, CGR4 radio antenna, 400-470MHz, UHF radio antenna for CGR4 expansion pack.	185.00

Captivate for CS

Captivate Base License for CS20



Article	Description	Market List Price
827698	Leica Captivate Measure & Stakeout CS20. License key which allows the survey and stakeout apps to be used on a CS20 field controller connected to a total station or GNSS sensor.	1,220.00
971598	Leica Captivate Meas&Stake CS20 upgrade License key to be ordered as an upgrade from 965873. Allows the Survey and Stakeout apps to be used on a CS20 field controller connected to a total station or GNSS sensor	0.10
965873	Leica Captivate Meas&Stake CS20 time lim. Time limited license key which allows the survey and stakeout apps to be used on a CS20 field controller connected to a total station or GNSS sensor.	1,220.00
1003127	Leica Captivate Meas&Stake CS20 time lim extension Time limited extension for the time limited license key which allows the Survey and Stakeout apps to be used on a CS20 field controller connected to a total station or GNSS sensor	0.10

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CS20 Captivate Field Controller

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Captivate Apps for CS20



Article	Description	Market List Price
827699	Leica Captivate Measure Stake Line CS20. License key which allows the staking and measuring of points relative to a line, arc or polyline.	1,020.00
827704	Leica Captivate Road CS20. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827705	Leica Captivate Tunnel CS20. License key which allows the staking and measuring to a tunnel design.	1,620.00
827706	Leica Captivate Rail CS20. License key which allows the staking and measuring of points relative to a railway alignment.	1,480.00
827700	Leica Captivate Measure Plane Grid CS20. License key which allows the measuring of points relative to a plane.	610.00
827701	Leica Captivate Area Division CS20. License key which allows an area to be divided into sub-areas using a variety methods.	275.00
827702	Leica Captivate DTM Stakeout CS20. License key which allows a DTM to be staked.	405.00
827703	Leica Captivate Volume Calculation CS20. License key which allows a surface to be measured and volume to be computed.	405.00
827708	Leica Captivate TS Hidden Point CS20. License key which allows a 'hidden point' to be measured.	405.00
827709	Leica Captivate Traverse CS20. License key which allows a traverse to be measured and computed.	275.00
827711	Leica Captivate Sets of Angles CS20. License key which allows multiple rounds of total station measurements to be made.	480.00
827712	Leica Captivate QuickVolume CS20. License key which allows a volume to be computed from scanned data and/or measured points.	1,020.00
834295	Leica Captivate Offset+ app for CS20. Can be used with GS and TS instruments.	480.00
834296	Leica Captivate Athletics app for CS20. For use with TS instruments only.	480.00
834298	Leica Captivate Forward Intersection app for CS20.	405.00
834299	Leica Captivate Zenith Line app for CS20. Can be used with GS and TS instruments.	480.00
834303	Leica Captivate Quick Setup apps for CS20. Allows setup the instrument without having or enterig coordinates. Can be used with TS.	405.00
834305	Leica Captivate Auto Setup for CS20. The app searches and measures to all prisms that it can find. Without a previous identification of each measured point, a resection is calculated by the measurements taken.	405.00

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834310 Leica Captivate Seismic stakeout app for CS20.
For use with GS instruments only.

810.00

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CS20 Captivate Field Controller

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834322	Leica Captivate Forward Station for CS20. Used in Mining for the Australian market. To be used with TS.	1,020.00
834323	Leica Captivate Piling for CS20. Application for positioning and orientating piles. To be used with a TS.	1,020.00
834308	Leica Captivate GPSeismic Export for CS20. Exports SQLite data that can be read in GPSeismic.	205.00
834301	Leica Captivate Set Orientation app for CS20. Sets the orientation of the total station to 0 or to any user entered value. Can be used with TS instruments.	205.00
839679	Leica Captivate Inspect Surfaces for CS20. Allows to compare multiple scans or points against other scans or surfaces.	2,050.00
848370	Leica Captivate TPS Monitoring app for CS20. Supports effective field campaign functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.	2,050.00
848372	Leica Captivate Inspect Road for CS20. Allows to compare multiple scans or points against a Road surface.	2,050.00
848374	Captivate Inspect Tunnel for CS20. Allows to compare multiple scans or points against a Tunnel	2,050.00
846827	Leica Captivate TPS Survey Streaming app for CS20. Streams ASCII messages with EDM time stamp in different formats and for different conditions.	3,400.00
836670	Leica Captivate Tunnel Profile Generator for CS20. Allows scanning tunnel profiles if the tunnel app is loaded.	1,020.00
854396	Leica Captivate ASCII with format file (custom) export for CS20. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00
848368	Leica Captivate Inventory app for CS20. Survey, view and edit items that require nested attributes coding.	810.00
850623	Leica Captivate ESRI Shapfile Exporter app for CS20. Allows export the data to Shapefile format.	545.00
865658	Leica Captivate Compaction Control app for CS20. This app provides a control method to get the compaction objective and document the results	1,480.00
867334	Leica Captivate Stakeout Auto Points app for CS20. This app provides a method to stakeout the job points automatically using motorised TPS and reflectorless measurements.	885.00

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865038	Leica Captivate Pipeline application for CS20. Survey, view and edit items that require pipeline specific coding features. Supports barcoding.	1,090.00
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869756	Leica Captivate Structural Steel app for CS20. This app provides the methods to streamline the steel assembly workflow using a TPS instrument	1,620.00
873646	Leica Captivate TS Hidden Point+ app for CS20. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
878184	Leica Captivate Pulse app for CS20. Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events.	675.00
870552	Leica Captivate Trig Levels app for CS20. Conventional trigonometric levelling from two faces TS measurements average.	205.00
870555	Leica Captivate Quick Ground app for CS20. Create a ground coordinate system from an existing grid coordinate system.	175.00
903367	Leica Captivate ConX 1 year license CS20. Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903369	Leica Captivate ConX 2 years license CS20. Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903370	Leica Captivate ConX 3 years license CS20. Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920743	Leica Captivate Resection Sets application for CS20. This application allows to set up the instrument based on a resection calculated from measurement sets to several targets.	480.00
920746	Leica Captivate TS Mining application for CS20. This app provides the methods to work in underground mining.	2,200.00
923923	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files	480.00
923926	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923929	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
939874	Leica Captivate Kahramaa application for CS20. Application to convert	480.00

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939878	Captivate PTS exporter for CS20. Allows exporting scan data in PTS	1,020.00
944939	Leica Captivate Custom Field Data Export CS20. Allows exporting field	275.00
947161	Leica Captivate Orthogonale Punkte für CS20. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation	915.00

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947164	Leica Captivate Kleinpunktberechnung für CS20 - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via	915.00
949840	Leica Captivate Stakeout Trees application for CS20. Application to stake the position of trees or plants according to the planting pattern.	1,020.00
957604	Leica Captivate Quick Stake application for CS20. Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	445.00
982372	Captivate Piles for CS20. Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982376	Captivate Grid North for CS20 Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985311	Captivate Nested Attributes for CS20 Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
996550	Captivate Site Inspector for CS20 This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
1026109	Captivate Resection Match for CS20 Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

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CS20 Captivate Field Controller

Captivate Packages for CS20

Article	Description	Market List Price
953325	Set of Apps and Licenses to be ordered with CS20 for US. US set of Applications and Licenses containing 827698 Leica Captivate for CS20 827699 Line - Measure & Stake 827700 Plane & Grid Scan 827701 Area Division 827702 DTM Stakeout 827703 VolumeCalculation 827708 Hidden Point 827709 Traverse 827711 Sets of Angels 827712 QuickVolume 834301 Set Orientation 850623 ESRI Shapefile Exporter	3,050.00





Power Supply CS20

	Article	Description	Market List Price
	799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00
	822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.	103.00
	954518	GEB334 Battery int Li-Ion 10.8V/3450mAh	290.00



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CS20 Captivate Field Controller

Data Storage & Transfer

	Article	Description	Market List Price
	767856	MSD1000, SD memory card 1GB	260.00
	789139	MSD8, SD memory card 8GB.	705.00
	765199	MS1, USB memory stick, 1GB.	215.00
	767895	MCR7 USB card reader for SD- and CF-cards.	885.00

Pen & Screen Protection Foil CS20

	Article	Description	Market List Price
	813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/TS/MS60 instruments.	17.40
	813582	GHT76 Tether to connect GDZ71 Pen to CS20 field controller.	10.10

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CS20 Captivate Field Controller



813781	SPF05, Set of 2 display protection foils including micro fibre cleaning cloth for 5" WVGA displays used in CS20 field controller and TS10, TS13, TS16, TS60, MS60, ICT30 instruments.	42.50
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Holder/Carrying Accessories



Article	Description	Market List Price
807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.	147.00



767880	GHT63, Pole holder clamp for CS10 and CS15 field controller for use with GLS13, GLS30 or GLS31 pole	190.00
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807245	GHT68, Utility hook for CS20 field controller for attaching to belt or tripod.	37.00
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807158	GHT67 Hand strap for CS20 field controller.	44.50
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845832	GHT70, Holder to attach a CS10/15/20/35 with his designated controller holder to a tripod.	166.00
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Active Customer Care

Enduser CCP



Article	Description	Market List Price
6009619	1 yr CS20 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support	657.00

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CS20 Captivate Field Controller

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6009620	2 yr CS20 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support	1,175.00
6009621	3 yr CS20 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support	1,670.00
6009622	5 yr CS20 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support	2,765.00
6009632	1 yr CS20 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	982.00
6009633	2 yr CS20 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	1,760.00
6009634	3 yr CS20 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	2,485.00
6009635	5 yr CS20 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	4,125.00
6009641	2 yr CS20 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,550.00
6009642	3 yr CS20 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,340.00
6009643	5 yr CS20 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	4,035.00
6009644	1 yr Ext. CS20 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,032.00

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CS20 Captivate Field Controller



6009652	2 yr CS20 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Maintenance	2,135.00
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TPS, GNSS & Dig.Level

CS20 Captivate Field Controller



6009653	3 yr CS20 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Maintenance.	3,155.00
6009654	5 yr CS20 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Maintenance.	5,395.00
6009655	1 yr Ext. CS20 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Maintenance.	1,357.00
6009659	3 yr CS20 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,155.00
6009660	5 yr CS20 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	5,395.00

Quick Guides



Article	Description	Market List Price
896293	Leica CS20 GS Sensor QG,multil.1	0.00
896294	Leica CS20 GS Sensor QG,multil.2	0.00

TPS, GNSS & Dig.Level

CS30 Captivate Tablet Controller

- when it has to be **right**



Instruments CS30



Article	Description	Market List Price
925660	CS30 LTE, Ruggedized Win10 LTSC 64-bit Tablet Computer including: 7" touch-widescreen with screen protection foil, 64 GB eMMC hard drive, 4 GB RAM, WLAN 802.11 b/g/n/a/ac, 3G/4G Integrated Mobile Broadband module, Bluetooth v4.2, 8MP Rear camera with flash, 1x GEV288 Power Supply unit, CS30 1x GDZ80 Capacitive Stylus.	4,515.00
926415	CS30 LTE LRBT, Ruggedized Win10 LTSC 64-bit Tablet Computer including: 7" touch-widescreen with screen protection foil, 64 GB eMMC hard drive, 4 GB RAM, WLAN 802.11 b/g/n/a/ac, 3G/4G Integrated Mobile Broadband module, Bluetooth v4.2, 8MP Rear camera with flash, CTR30 Long-Range Bluetooth Module 1x GEV288 Power Supply unit, CS30 1x GDZ80 Capacitive Stylus. Captivate pre-loaded.	5,145.00

Accessories

Article	Description	Market List Price
925662	SPF10 Screen protection foil CS30/CC170	115.00



925666	GDZ80 Stylus for CS30/CC170	26.50
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CS30 Captivate Tablet Controller

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925665 CCS02 Docking Station for CS30/CC170

665.00



995129 GKP100, Leica Captivate keypad

825.00



925661 GEV288 Power supply unit, CS30/CC170

99.00



925663 GEB260 Battery int Li-Ion for CS30/CC170

285.00



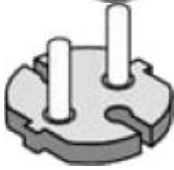
926459 GKL260 Multi-Bay Charger for GEB260

660.00



926054 AC Power cable C5 / Type_B: US/CAN

26.50



926055 AC Power cable C5 / Type_F: EU

26.50



926056 AC Power cable C5 / Type_G: UK/HK

26.50



926057 AC Power cable C5 / Type_I: AUS/NZ/CN

26.50

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CS30 Captivate Tablet Controller



926058	AC Power cable C5 / Type_J: CH	26.50
969622	AC Power Cable C5 / Type_B JP	23.00

Leica Captivate Permanent Licenses

Captivate Base License for CS30



Article	Description	Market List Price
827719	Leica Captivate Measure & Stakeout Allows measuring and staking out points, creating linework and coding measured points.	1,220.00
969187	Leica Captivate Measure & Stakeout CS3x/CCx upgrade License key to be ordered as an upgrade from 965871. Allows the survey and stakeout apps to be used on CS3x/CCx tablets connected to a total station or GNSS sensor.	0.10
965871	Leica Captivate Measure & Stakeout CS3x/CCx time limited Time limited license key which allows the survey and stakeout apps to be used on a CS3x/CCx tablets connected to a total station or	1,220.00

Captivate Options for CS30



Article	Description	Market List Price
827720	Leica Captivate Measure Stake Line Allows the staking and measuring of points relative to a line, arc or polyline. Additionally, a regular grid of points can be staked out.	1,020.00
827721	Leica Captivate Measure to Plane or Grid Allows the measuring of points relative to a plane with offsets being computed relative the plane. Also allows a regular grid of points on a plane surface to be measured automatically. Further, a grid of points can be measured automatically on any shape of surface.	610.00
827722	Leica Captivate Area Division Allows areas to be sub-divided using a number of different methods. The resulting points defining the sub-divided areas can then be staked out. Comprehensive and customisable reports can be generated relating to the area and sub-divided areas.	275.00
827723	Leica Captivate DTM Stakeout Allows a DTM surface to be staked out or checked. Comprehensive and customisable reports can be generated relating to the staked out or measured surface.	405.00

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827724	Leica Captivate Volume Calculation Allows surfaces to be measured using a total station. These surfaces can then be used to compute volumes. Comprehensive and customisable reports can be generated relating to the	405.00
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CS30 Captivate Tablet Controller

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827725	Leica Captivate Road Allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00
827726	Leica Captivate Tunnel Allows the staking and measuring of points relative to a tunnel	1,620.00
827727	Leica Captivate Rail Allows the staking and measuring of points relative to a railway alignment.	1,480.00
827728	Leica Captivate TS Hidden Point Allows measuring a point that is hidden from the field of view of the Total Station.	405.00
827729	Leica Captivate Traverse Allows a traverse to be measured and computed.	275.00
827730	Leica Captivate Sets of Angles Allows automation of repeated measurements to multiple targets, such as rounds of observations, to establish control points or contribute to a control network.	480.00
827731	Leica Captivate QuickVolume Allows a volume to be computed from scanned data and/or	1,020.00
834683	Captivate Athletics CS3x/CCx Allows a total station to be used for measuring distances related to various athletic disciplines. Includes high jump, long jump and throwing disciplines.	480.00
834685	Captivate Forwrd Intersection CS3x/CCx Allows the coordinate of points to be computed from angle only measurements, using more than two known points.	405.00
834686	Captivate Zenith Line CS3x/CCx Allows a reference point on the ground to be defined, which represents a vertical zenith line. The position of a reflector located at the top of a vertical structure can be compared to this zenith line to check for displacements. This check can be automated and results can be exported in reports or output via an instrument port.	480.00
834688	Captivate Set Orientation CS3x/CCx	205.00
834689	Captivate Quick Setup CS3x/CCx Allows setting up a Total Station without entering coordinates or the use of known points.	405.00
834691	Captivate Auto Setup CS3x/CCx This app uses PowerSearch to find and measure to all prisms in the area, analyzing which known control points fit the measurements and then calculate a resection, computing the location, orientation and elevation of the instrument. There is no need to choose the control points as the app will calculate this automatically.	405.00
834694	Captivate GPSeismic Export CS3x/CCx Exports data into an SQLite Database, which can be read by the GPSeismic office software.	205.00
834696	Captivate Seismic Stakeout CS3x/CCx Allows staking out a grid for measuring seismic informations using the GPSeismic office software. The app also allows exclusion zones to be defined which are then excluded from the grid stakeout.	810.00
836671	CPT Tunnel Profile Generator CS3x/CCx Allows scanning tunnel profiles within the Tunnel app.	1,020.00

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848369	Captivate Inventory for CS3x/CCx Survey, view and edit items that require nested attributes coding.	810.00
854397	CPT custom format file export CS3x/CCx Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00

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CS30 Captivate Tablet Controller

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839681	Captivate Inspect Surfaces CS3x/CCx Allows single or multiple scans or points to be compared against a reference surface. The reference surface can be another scan(s), a triangulation from existing points or a pre-defined plane or solid. The result is a thematic map showing the deviation to the surface for each individual point or pixel. It is possible to output various reports from each inspection.	2,050.00
846828	CPT TPS Survey Streaming for CS3x/CCx Streams measurement or point information as ASCII message in real-time. ASCII message can be streamed in different formats and include an EDM TimeStamp.	3,400.00
848371	Captivate TPS Monitoring for CS3x/CCx Allows the automatic data acquisition regarding monitoring prisms in a deformation area. The automatic measurement cycle offers various measurement modes and automatic quality checks for setup and monitoring points and a smooth integration into the GeoMoS cloud service for the visualization of trends and automatic reporting. Informed regarding deformation values is provided via the Web-	2,050.00
848373	Captivate Inspect Road CS3x/CCx Allows comparing multiple scans or measured points against a Road design.	2,050.00
848375	Captivate Inspect Tunnel CS3x/CCx Allows to compare multiple scans or measured points against a Tunnel surface.	2,050.00
850624	CPT ESRI Shapefile Exporter CS3x/CCx Allows exporting data to Shapefile format.	545.00
865659	Captivate Compaction Control CS3x/CCx Allows measuring the percentage of compaction of layers of material achieved during each turn of the Compaction machine. Also allows creating reports on the measured results.	1,480.00
867336	Captivate Stake Auto Points CS3x/CCx Allows automatically staking out points through the instrument iterating to the location of the point on the ground surface using a motorised Total Station and reflectorless measurements.	885.00
865039	Captivate Pipeline CS3x/CCx Allows surveying, viewing and editing items that require "pipeline" specific coding features. Handles special relationship between items like Joint and Weld. Computes depth of cover based on ground	1,090.00
869757	Captivate Structural Steel CS3x/CCx Provides methods for measuring and the checking structural steel elements during the construction of buildings, using a Total Station.	1,620.00
873647	Captivate TS Hidden Point+ CS3x/CCx Provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
878185	Captivate Pulse CS3x/CCx Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events. The application stores the event count and time (at nanosecond accuracy) in the point annotations which allows for easy data export.	675.00

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870550	Captivate Quick Ground CS3x/CCx Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	175.00
870553	Captivate Trig Levels CS3x/CCx Allows conventional trigonometric levelling from two-face TS measurement averages.	205.00
889053	Captivate ADSK BIM360 Docs CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	945.00

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889056	Captivate ADSK BIM360 1y Lic CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project. This license is limited to 1 year.	480.00
834707	Captivate Forward Station for CS3x/CCx Used in connection with a Total Station in mining and construction for coordinating stations and storing the results in a control job.	1,020.00
834708	Captivate Piling for CS3x/CCx Allows for specific workflows supporting the positioning and orientating of piles	1,020.00
903363	Leica Captivate ConX 1y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903365	Leica Captivate ConX 2y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903366	Leica Captivate ConX 3y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920744	Captivate Resection Sets CS3x/CCx Allows setting up the Total Station based on a resection calculated from measurement sets to several targets. App provides a pre-processing option to detect outliers.	480.00
920747	Leica Captivate TS Mining application for CS35. This app provides the methods to work in underground mining.	2,200.00
923924	Captivate Bricsys 24/7 1y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923927	Captivate Bricsys 24/7 2y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923932	Captivate Bricsys 24/7 3y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
937674	Captivate Inspect Layer CS3x/CCx Compares two or more scans to identify the thickness between the layers or surfaces of sprayed concrete. The scans can be measured using a BLK360 or RTC360 scanner.	4,050.00
939876	Captivate Kahramaa Converter CS3x/CCx Convert the data from a measurement job in the specified format of the Kahramaa company.	480.00
939879	Captivate PTS Exporter CS3x/CCx Allows exporting scan data in PTS format	1,020.00
944940	CPT Custom Field Data Export CS3x/CCx Allows exporting field data into Bentley RW5 and SSMC Civil3d	275.00
947162	Captivate Ortholinie für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunktttransformation, Helmert-Transformation und Affine Transformation	915.00

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947165	Captivate Kleinpunkte für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via Kleinpunkttransformation	915.00
949841	Stakeout Trees for CS3x/CCx Application to stake the position of trees or plants according to planting patterns.	1,020.00

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957605	Captivate Quick Stake for CS3x/CCx Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake	445.00
982374	Captivate Piles for CS3x/CCx Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982377	Captivate Grid North for CS3x/CCx Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985314	Captivate Nested Attributes CS3x/CCx Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
996552	Captivate Site Inspector for CS3x This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
1026111	Captivate Resection Match for CS3x/CCx Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

Captivate Packages for CS30

Article	Description	Market List Price
953324	Captivate Software Set (US) CS3x/CCx Set of Apps and Licenses to be ordered with CS3x/CCx for US containing 827719 Leica Captivate for CS3x 827720 Line - Measure & Stake 827721 Plane & Grid Scan 827722 Area Division 827723 DTM Stakeout 827724 VolumeCalculation 827728 Hidden Point 827729 Traverse 827730 Sets of Angels 827731 QuickVolume 834688 Set Orientation SetOrientation.axx free of charge	3,050.00

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871520	Leica Captivate Survey+ for CS3x/CCx Includes Plane & Grid Scan, Traverse, Sets of Angles.	1,360.00
871521	Leica Captivate Worksite+ for CS3x/CCx Includes Line-Measure & Stake, DTM Stakeout, Volume Calculation.	1,830.00

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Leica Captivate Subscriptions

Base Subscription

Article	Description	Market List Price
5310149	Leica Captivate Measure & Stakeout Subscription 1y Allows Leica Captivate to be used on a PC or tablet and the survey and stakeout apps to be used.	875.00

Subscription Options

Article	Description	Market List Price
5310648	Leica Captivate Measure Stake Line Subscription 1y Allows the staking and measuring of points relative to a line, arc or polyline.	250.00
5310649	Leica Captivate Measure Plane Grid Subscription 1y Allows the measuring of points relative to a plane.	150.00
5310650	Leica Captivate Area Division Subscription 1y Allows an area to be divided into sub-areas using a variety methods.	68.00
5310651	Leica Captivate DTM Stakeout Subscription 1y Allows stakeout of DTM heights.	99.50
5310652	Leica Captivate Volume Calculation Subscription 1y Allows a surface to be measured and volume to be computed.	99.50

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5310653	Leica Captivate Road Subscription 1y Allows the staking and measuring of points relative to a road or other complex alignment.	315.00
5310654	Leica Captivate Rail Subscription 1y Allows the staking and measuring of points relative to a railway or other complex alignment.	315.00
5310655	Leica Captivate Tunnel Subscription 1y Allows the staking and measuring of points relative to a tunnel design.	315.00
5310755	Leica Captivate Profile Generator Subscription 1y Allows scanning tunnel profiles if the tunnel app is loaded.	250.00
5310656	Leica Captivate TS Hidden Point Subscription 1y Allows measuring a point that is not in view of the Total Station.	99.50
5310657	Leica Captivate Traverse Subscription 1y Allows a traverse to be measured and computed.	68.00
5310658	Leica Captivate Sets of Angles Subscription 1y Allows multiple rounds of total station measurements to be made.	120.00
5310659	Leica Captivate Quick Volume Subscr 1y Allows a volume to be computed from scanned data and/or measured points.	250.00
5310663	Leica Captivate ADSK BIM360 Docs Subscription 1y Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	188.00

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5310664	Leica Captivate ConX Subscription 1y Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	220.00
5310665	Leica Captivate Bricsys 24/7 Subscription 1y Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	188.00
5310679	Captivate TPS Survey Streaming Subscription 1y Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	870.00
5310680	Leica Captivate NEN Subscription 1y Allows TS and GS measurement according requirements from the Dutch cadastre.	120.00
5310681	Captivate Inspect Surfaces Subscription 1y Allows comparing multiple scans or points against other scans or surfaces.	500.00
5310756	Captivate Inspect Road Subscription 1y Allows comparing multiple scans or points against a Road surface.	500.00
5310757	Captivate Inspect Tunnel Subscription 1y Allows comparing multiple scans or points against a Tunnel surface.	500.00
5311021	Captivate ESRI Shapfile Exporter Subscription 1y Allows exporting data to Shapefile format.	137.00
5311379	Captivate Quick Stake Subscription 1y Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	113.00

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5311483	Captivate Quick Setup Subscription 1y Used to allows setup the instrument without having or enterig coordinates.	99.50
5311884	Captivate Stakeout Auto Points Subscription 1y Provides a method to stake out the job points automatically using motorised TPS and reflectorless measurements.	225.00
5312116	Captivate Auto Setup Subscription 1y Allows automatically setting up a Total Station. The app searches and measures to all prisms that can be found in the surrounding. With automatic identification of each measured point, a resection is calculated by the measurements taken.	99.50
5312117	Captivate TPS Monitoring Subscription 1y Supports effectiv field campaing functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.	500.00
5312118	Captivate Offset Subscription 1y Allows the measurement of points with a total station taking into account the prism offset in all directions. It is also possible to project points on lines and measure points perpendicular to lines using this application.	120.00
5312119	Captivate Compaction Control Subscription 1y This app provides a control method to get the compaction objective and generate a documentation of the results.	375.00
5312625	Captivate Quick Ground Subscription 1y Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	42.50
5312347	Captivate Site Inspector Subscr 1y Allows interfacing with the Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	26.00

Subscription Package US

Article Description

Market List Price
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CS30 Captivate Tablet Controller

6017711 Captivate Subscription Bundle

1,796.50

Power Supply CS30



Article	Description	Market List Price
925663	GEB260 Battery int Li-Ion for CS30/CC170	285.00

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925661 GEV288 Power supply unit, CS30/CC170

99.00



926459 GKL260 Multi-Bay Charger for GEB260

660.00



926054 AC Power cable C5 / Type_B: US/CAN

26.50



926055 AC Power cable C5 / Type_F: EU

26.50



926056 AC Power cable C5 / Type_G: UK/HK

26.50



926057 AC Power cable C5 / Type_I: AUS/NZ/CN

26.50



926058 AC Power cable C5 / Type_J: CH

26.50



925665 CCS02 Docking Station for CS30/CC170

665.00

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Holder/Carrying Accessories

Article	Description	Market List Price
995129	GKP100, Leica Captivate keypad	825.00
998120	GHT89, Holder and cradle for attaching GKP100 Leica Captivate keypad and CS30 tablet to a pole. GHT63 is not included.	385.00
925664	GHT81 Holder for CS30/CC170 tablet	195.00
767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole	190.00

Active Customer Care

Enduser CCP



Article	Description	Market List Price
6018902	1 yr Leica Captivate Tablet Basic CCP	647.00
6018903	2 yr Leica Captivate Tablet Basic CCP	1,150.00
6018904	3 yr Leica Captivate Tablet Basic CCP	1,640.00
6018905	5 yr Leica Captivate Tablet Basic CCP	2,725.00

Distr. Partner CCP



Article	Description	Market List Price
6018908	1yr Leica Captiv. Tab. D.P. Basic CCP	450.00
6018909	2yr Leica Captiv. Tab. D.P. Basic CCP	876.50
6018910	3yr Leica Captiv. Tab. D.P. Basic CCP	1,255.00
6018941	5yr Leica Captiv. Tab. D.P. Basic CCP	2,049.00

Quick Guides



Article	Description	Market List Price
924349	CS30 Quick Guide Multilingual Volume 1	0.00
924350	CS30 Quick Guide Multilingual Volume 2	0.00






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CC200 Captivate Tablet Controller

Instruments

Article	Description	Market List Price
996658	CC200-1-Cap, Ruggedized Win10 Tablet PC with 10" screen, US/CA/MX version, 10-point capacitive multi-touch daylight-readable screen with screen protection foil, Intel Core i5-10310U vPro 1.7 GHz with Turbo Boost up to 4.46Hz, 500 GB SSD hard drive, 16 GB SDRAM, Intel® Wi-Fi6 AX201, Bluetooth v5.1, integrated 4G module, Integrated L1 GPS, extended battery (6300 mAh), up to 8MP camera with autofocus with LED flash, Stylus, AC/DC adaptor and pre-loaded with Captivate.	6,510.00

Accessories

Article	Description	Market List Price
995129	GKP100, Leica Captivate keypad	825.00
		
972099	CBA4, Li-Ion Battery for CC200 Tablet PC. Chargeable.	385.00
		
972102	CBC15, 4-bay Battery Charger for Batteries CBA4 for CC200. AC/DC adapter not included, please order CBC14 separately.	595.00
		
972103	CBC17, Vehicle Adapter for CC200 Tablet PC. Can be used to power and charge the CC200 directly from a cigarette lighter	385.00
		
972104	CBC16, Docking Station for CC200 tablet. AC/DC Adapter not included, the adapter delivered together with the CC200 tablet can be used. Otherwise please order CBC14 and power cord CA35/36/37/38/39 separately.	645.00
		

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CC200 Captivate Tablet Controller



972106 CA55, Hand strap for CC200 Tablet PC





158.00

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CC200 Captivate Tablet Controller

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	972107	CMB16, Tablet Holder for CC200 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included).	510.00
	972108	CA57, Display Protection Foil for CC200 Tablet PC	129.00
	972110	CA54, Stylus for CC200 Tablet PC.	129.00
	767880	GHT63, Pole holder clamp for CS10 and CS15 field controller for use with GLS13, GLS30 or GLS31 pole	190.00
	834382	CA38, Power cord (CH) for AC/DC Adapter with 3-prong plug, e.g. CBC7, CBC12, ...	22.50
	834380	CA36, Power cord (US) for AC/DC Adapter with 3-prong plug, e.g. CBC5, CBC12, ...	21.50
	834379	CA35, Power cord (UK) for AC/DC Adapter with 3-prong plug, e.g. CBC4, CBC12, ...	21.50
	972101	CBC14, AC/DC Adapter for 4-bay Charger CBC15 and Docking station CBC16. Power cord is not included, please order CA35/36/37/38/39 separately.	215.00
	1008402	GHT92, Cradle for attaching GKP100 Leica Captivate keypad to GHT90 CC180 tablet holder or GHT91 CC200 tablet holder. GHT63 is not included.	165.00

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1014801	GHT93, Conversion kit for mounting a GHT92 cradle to an existing CMB16 (CC200) or CMB18 (CC180) controller holder.	124.00
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Leica Captivate Permanent Licenses

Captivate Base License for CC200



Article	Description	Market List Price
827719	Leica Captivate Measure & Stakeout Allows measuring and staking out points, creating linework and coding measured points.	1,220.00
969187	Leica Captivate Measure & Stakeout CS3x/CCx upgrade License key to be ordered as an upgrade from 965871. Allows the survey and stakeout apps to be used on CS3x/CCx tablets connected to a total station or GNSS sensor.	0.10
965871	Leica Captivate Measure & Stakeout CS3x/CCx time limited Time limited license key which allows the survey and stakeout apps to be used on a CS3x/CCx tablets connected to a total station or	1,220.00

Captivate Options for CC200



Article	Description	Market List Price
827720	Leica Captivate Measure Stake Line Allows the staking and measuring of points relative to a line, arc or polyline. Additionally, a regular grid of points can be staked out.	1,020.00
827721	Leica Captivate Measure to Plane or Grid Allows the measuring of points relative to a plane with offsets being computed relative the plane. Also allows a regular grid of points on a plane surface to be measured automatically. Further, a grid of points can be measured automatically on any shape of surface.	610.00
827722	Leica Captivate Area Division Allows areas to be sub-divided using a number of different methods. The resulting points defining the sub-divided areas can then be staked out. Comprehensive and customisable reports can be generated relating to the area and sub-divided areas.	275.00
827723	Leica Captivate DTM Stakeout Allows a DTM surface to be staked out or checked. Comprehensive and customisable reports can be generated relating to the staked out or measured surface.	405.00
827724	Leica Captivate Volume Calculation Allows surfaces to be measured using a total station. These surfaces can then be used to compute volumes. Comprehensive and customisable reports can be generated relating to the	405.00
827725	Leica Captivate Road Allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00

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827726	Leica Captivate Tunnel Allows the staking and measuring of points relative to a tunnel	1,620.00
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827727	Leica Captivate Rail Allows the staking and measuring of points relative to a railway alignment.	1,480.00
827728	Leica Captivate TS Hidden Point Allows measuring a point that is hidden from the field of view of the Total Station.	405.00
827729	Leica Captivate Traverse Allows a traverse to be measured and computed.	275.00
827730	Leica Captivate Sets of Angles Allows automation of repeated measurements to multiple targets, such as rounds of observations, to establish control points or contribute to a control network.	480.00
827731	Leica Captivate QuickVolume Allows a volume to be computed from scanned data and/or	1,020.00
834683	Captivate Athletics CS3x/CCx Allows a total station to be used for measuring distances related to various athletic disciplines. Includes high jump, long jump and throwing disciplines.	480.00
834685	Captivate Forwrd Intersection CS3x/CCx Allows the coordinate of points to be computed from angle only measurements, using more than two known points.	405.00
834686	Captivate Zenith Line CS3x/CCx Allows a reference point on the ground to be defined, which represents a vertical zenith line. The position of a reflector located at the top of a vertical structure can be compared to this zenith line to check for displacements. This check can be automated and results can be exported in reports or output via an instrument port.	480.00
834688	Captivate Set Orientation CS3x/CCx	205.00
834689	Captivate Quick Setup CS3x/CCx Allows setting up a Total Station without entering coordinates or the use of known points.	405.00
834691	Captivate Auto Setup CS3x/CCx This app uses PowerSearch to find and measure to all prisms in the area, analyzing which known control points fit the measurements and then calculate a resection, computing the location, orientation and elevation of the instrument. There is no need to choose the control points as the app will calculate this automatically.	405.00
834694	Captivate GPSeismic Export CS3x/CCx Exports data into an SQLite Database, which can be read by the GPSeismic office software.	205.00
834696	Captivate Seismic Stakeout CS3x/CCx Allows staking out a grid for measuring seismic informations using the GPSeismic office software. The app also allows exclusion zones to be defined which are then excluded from the grid stakeout.	810.00
836671	CPT Tunnel Profile Generator CS3x/CCx Allows scanning tunnel profiles within the Tunnel app.	1,020.00
848369	Captivate Inventory for CS3x/CCx Survey, view and edit items that require nested attributes coding.	810.00
854397	CPT custom format file export CS3x/CCx Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00

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839681	Captivate Inspect Surfaces CS3x/CCx Allows single or multiple scans or points to be compared against a reference surface. The reference surface can be another scan(s), a triangulation from existing points or a pre-defined plane or solid. The result is a thematic map showing the deviation to the surface for each individual point or pixel. It is possible to output various reports from each inspection.	2,050.00
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846828	CPT TPS Survey Streaming for CS3x/CCx Streams measurement or point information as ASCII message in real-time. ASCII message can be streamed in different formats and include an EDM TimeStamp.	3,400.00
848371	Captivate TPS Monitoring for CS3x/CCx Allows the automatic data acquisition regarding monitoring prisms in a deformation area. The automatic measurement cycle offers various measurement modes and automatic quality checks for setup and monitoring points and a smooth integration into the GeoMoS cloud service for the visualization of trends and automatic reporting. Informed regarding deformation values is provided via the Web-	2,050.00
848373	Captivate Inspect Road CS3x/CCx Allows comparing multiple scans or measured points against a Road design.	2,050.00
848375	Captivate Inspect Tunnel CS3x/CCx Allows to compare multiple scans or measured points against a Tunnel surface.	2,050.00
850624	CPT ESRI Shapefile Exporter CS3x/CCx Allows exporting data to Shapefile format.	545.00
865659	Captivate Compaction Control CS3x/CCx Allows measuring the percentage of compaction of layers of material achieved during each turn of the Compaction machine. Also allows creating reports on the measured results.	1,480.00
867336	Captivate Stake Auto Points CS3x/CCx Allows automatically staking out points through the instrument iterating to the location of the point on the ground surface using a motorised Total Station and reflectorless measurements.	885.00
865039	Captivate Pipeline CS3x/CCx Allows surveying, viewing and editing items that require "pipeline" specific coding features. Handles special relationship between items like Joint and Weld. Computes depth of cover based on ground	1,090.00
869757	Captivate Structural Steel CS3x/CCx Provides methods for measuring and the checking structural steel elements during the construction of buildings, using a Total Station.	1,620.00
873647	Captivate TS Hidden Point+ CS3x/CCx Provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
878185	Captivate Pulse CS3x/CCx Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events. The application stores the event count and time (at nanosecond accuracy) in the point annotations which allows for easy data export.	675.00
870550	Captivate Quick Ground CS3x/CCx Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	175.00
870553	Captivate Trig Levels CS3x/CCx Allows conventional trigonometric levelling from two-face TS measurement averages.	205.00

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889053	Captivate ADSK BIM360 Docs CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	945.00
889056	Captivate ADSK BIM360 1y Lic CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project. This license is limited to 1 year.	480.00

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834707	Captivate Forward Station for CS3x/CCx Used in connection with a Total Station in mining and construction for coordinating stations and storing the results in a control job.	1,020.00
834708	Captivate Piling for CS3x/CCx Allows for specific workflows supporting the positioning and orientating of piles	1,020.00
903363	Leica Captivate ConX 1y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903365	Leica Captivate ConX 2y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903366	Leica Captivate ConX 3y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920744	Captivate Resection Sets CS3x/CCx Allows setting up the Total Station based on a resection calculated from measurement sets to several targets. App provides a pre-processing option to detect outliers.	480.00
920747	Leica Captivate TS Mining application for CS35. This app provides the methods to work in underground mining.	2,200.00
923924	Captivate Bricsys 24/7 1y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923927	Captivate Bricsys 24/7 2y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923932	Captivate Bricsys 24/7 3y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
937674	Captivate Inspect Layer CS3x/CCx Compares two or more scans to identify the thickness between the layers or surfaces of sprayed concrete. The scans can be measured using a BLK360 or RTC360 scanner.	4,050.00
939876	Captivate Kahramaa Converter CS3x/CCx Convert the data from a measurement job in the specified format of the Kahramaa company.	480.00
939879	Captivate PTS Exporter CS3x/CCx Allows exporting scan data in PTS format	1,020.00
944940	CPT Custom Field Data Export CS3x/CCx Allows exporting field data into Bentley RW5 and SSMC Civil3d	275.00
947162	Captivate Ortholinie für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation und Affine Transformation	915.00
947165	Captivate Kleinpunkte für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via Kleinpunkttransformation	915.00

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949841	Stakeout Trees for CS3x/CCx Application to stake the position of trees or plants according to planting patterns.	1,020.00
957605	Captivate Quick Stake for CS3x/CCx Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake	445.00

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982374	Captivate Piles for CS3x/CCx Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982377	Captivate Grid North for CS3x/CCx Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985314	Captivate Nested Attributes CS3x/CCx Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
996552	Captivate Site Inspector for CS3x This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
1026111	Captivate Resection Match for CS3x/CCx Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

Captivate Package for CC200

Article	Description	Market List Price
953324	Captivate Software Set (US) CS3x/CCx Set of Apps and Licenses to be ordered with CS3x/CCx for US containing 827719 Leica Captivate for CS3x 827720 Line - Measure & Stake 827721 Plane & Grid Scan 827722 Area Division 827723 DTM Stakeout 827724 VolumeCalculation 827728 Hidden Point 827729 Traverse 827730 Sets of Angles 827731 QuickVolume 834688 Set Orientation SetOrientation.axx free of charge	3,050.00
871520	Leica Captivate Survey+ for CS3x/CCx Includes Plane & Grid Scan, Traverse, Sets of Angles.	1,360.00

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871521	Leica Captivate Worksite+ for CS3x/CCx Includes Line-Measure & Stake, DTM Stakeout, Volume Calculation.	1,830.00
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CC200 Captivate Tablet Controller



Leica Captivate Subscriptions

Base Subscription

Article	Description	Market List Price
5310149	Leica Captivate Measure & Stakeout Subscription 1y Allows Leica Captivate to be used on a PC or tablet and the survey and stakeout apps to be used.	875.00

Subscription Options

Article	Description	Market List Price
5310648	Leica Captivate Measure Stake Line Subscription 1y Allows the staking and measuring of points relative to a line, arc or polyline.	250.00
5310649	Leica Captivate Measure Plane Grid Subscription 1y Allows the measuring of points relative to a plane.	150.00
5310650	Leica Captivate Area Division Subscription 1y Allows an area to be divided into sub-areas using a variety methods.	68.00
5310651	Leica Captivate DTM Stakeout Subscription 1y Allows stakeout of DTM heights.	99.50
5310652	Leica Captivate Volume Calculation Subscription 1y Allows a surface to be measured and volume to be computed.	99.50

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5310653	Leica Captivate Road Subscription 1y Allows the staking and measuring of points relative to a road or other complex alignment.	315.00
5310654	Leica Captivate Rail Subscription 1y Allows the staking and measuring of points relative to a railway or other complex alignment.	315.00
5310655	Leica Captivate Tunnel Subscription 1y Allows the staking and measuring of points relative to a tunnel design.	315.00
5310755	Leica Captivate Profile Generator Subscription 1y Allows scanning tunnel profiles if the tunnel app is loaded.	250.00
5310656	Leica Captivate TS Hidden Point Subscription 1y Allows measuring a point that is not in view of the Total Station.	99.50
5310657	Leica Captivate Traverse Subscription 1y Allows a traverse to be measured and computed.	68.00
5310658	Leica Captivate Sets of Angles Subscription 1y Allows multiple rounds of total station measurements to be made.	120.00
5310659	Leica Captivate Quick Volume Subscr 1y Allows a volume to be computed from scanned data and/or measured points.	250.00
5310663	Leica Captivate ADSK BIM360 Docs Subscription 1y Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	188.00

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5310664	Leica Captivate ConX Subscription 1y Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	220.00
5310665	Leica Captivate Bricsys 24/7 Subscription 1y Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	188.00
5310679	Captivate TPS Survey Streaming Subscription 1y Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	870.00
5310680	Leica Captivate NEN Subscription 1y Allows TS and GS measurement according requirements from the Dutch cadastre.	120.00
5310681	Captivate Inspect Surfaces Subscription 1y Allows comparing multiple scans or points against other scans or surfaces.	500.00
5310756	Captivate Inspect Road Subscription 1y Allows comparing multiple scans or points against a Road surface.	500.00
5310757	Captivate Inspect Tunnel Subscription 1y Allows comparing multiple scans or points against a Tunnel surface.	500.00
5311021	Captivate ESRI Shapfile Exporter Subscription 1y Allows exporting data to Shapefile format.	137.00
5311379	Captivate Quick Stake Subscription 1y Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	113.00

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5311483	Captivate Quick Setup Subscription 1y Used to allows setup the instrument without having or enterig coordinates.	99.50
5311884	Captivate Stakeout Auto Points Subscription 1y Provides a method to stake out the job points automatically using motorised TPS and reflectorless measurements.	225.00
5312116	Captivate Auto Setup Subscription 1y Allows automatically setting up a Total Station. The app searches and measures to all prisms that can be found in the surrounding. With automatic identification of each measured point, a resection is calculated by the measurements taken.	99.50
5312117	Captivate TPS Monitoring Subscription 1y Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.	500.00
5312118	Captivate Offset Subscription 1y Allows the measurement of points with a total station taking into account the prism offset in all directions. It is also possible to project points on lines and measure points perpendicular to lines using this application.	120.00
5312119	Captivate Compaction Control Subscription 1y This app provides a control method to get the compaction objective and generate a documentation of the results.	375.00
5312625	Captivate Quick Ground Subscription 1y Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	42.50
5312347	Captivate Site Inspector Subscr 1y Allows interfacing with the Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	26.00

Subscription Package US

Article Description

Market List Price
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6017711 Captivate Subscription Bundle

1,796.50

Active Customer Care

Enduser CCP



Article	Description	Market List Price
6018902	1 yr Leica Captivate Tablet Basic CCP	647.00
6018903	2 yr Leica Captivate Tablet Basic CCP	1,150.00
6018904	3 yr Leica Captivate Tablet Basic CCP	1,640.00
6018905	5 yr Leica Captivate Tablet Basic CCP	2,725.00

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Distr. Partner CCP



Article	Description	Market List Price
6018908	1yr Leica Captiv. Tab. D.P. Basic CCP	450.00
6018909	2yr Leica Captiv. Tab. D.P. Basic CCP	876.50
6018910	3yr Leica Captiv. Tab. D.P. Basic CCP	1,255.00
6018941	5yr Leica Captiv. Tab. D.P. Basic CCP	2,049.00

Quick Guides



Article	Description	Market List Price
833978	Leica Geomatics License Activation Guide	16.10






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CC180 Captivate Tablet Controller

Instruments

Article	Description	Market List Price
1008048	CC180-1 Capt, Tablet, Win10, AUS/CA Ruggedized Win10 Tablet PC with 8" screen, daylight-readable screen 800 nits with screen protection foil, Intel(R) Pentium(R) Gold 8500 1.00 Ghz, 128 GB NVMe PCIe SSD, 8 GB SDRAM, Intel® Wi-Fi 6 AX211, Bluetooth v5.3, USB Type C (Support DP), Multicarrier 4G LTE Mobile Broadband & GPS Combo, extended battery (7200 mAh), 2.0 MP front-facing camera & 8.0 MP auto-focus rear camera with flash, Stylus and AC/DC adaptor.	5,880.00

Accessories






Article	Description	Market List Price
999246	CBA5, Li-Ion Battery for CC180 Tablet PC. Chargeable.	390.00
		
999248	CBC20, 2-bay Battery Charger for Batteries CBA5 for CC180. AC/DC adapter not included, please order CBC19 separately.	550.00
		
999249	CBC22, Vehicle Adaptor and Charger for CC180 Tablet PC. Can be used to power and charge the CC180 directly from a cigarette lighter.	345.00
		
999250	CBC21, Docking Station for CC180 tablet. AC/DC Adapter not included, the adapter delivered together with the CC180 tablet can be used. Otherwise please order CBC19 and power cord CA35/36/37/38/39 separately.	595.00
		
999251	CA61, Hand strap for CC180 Tablet	158.00
		

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CC180 Captivate Tablet Controller

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	999252	CMB18, Tablet Holder for CC180 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included).	465.00
	1008402	GHT92, Cradle for attaching GKP100 Leica Captivate keypad to GHT90 CC180 tablet holder or GHT91 CC200 tablet holder. GHT63 is not included.	165.00
	1014801	GHT93, Conversion kit for mounting a GHT92 cradle to an existing CMB16 (CC200) or CMB18 (CC180) controller holder.	124.00
	999253	CA63, Display protection foil for CC180 Tablet PC. Incl. iCON branding. Required for CC180	122.00
	999254	CA62, Stylus for CC180 Tablet PC.	73.50
	995129	GKP100, Leica Captivate keypad	825.00
	999247	CBC19, AC/DC Adapter for 2-bay Charger CBC20 and Docking station CBC21. Power cord is not included, please order CA35/36/37/38/39 separately.	153.00
	834382	CA38, Power cord (CH) for AC/DC Adapter with 3-prong plug, e.g. CBC7, CBC12, ...	22.50
	834379	CA35, Power cord (UK) for AC/DC Adapter with 3-prong plug, e.g. CBC4, CBC12, ...	21.50

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CC180 Captivate Tablet Controller



834380	CA36, Power cord (US) for AC/DC Adapter with 3-prong plug, e.g. CBC5, CBC12, ...	21.50
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Leica Captivate Permanent Licenses

Captivate Base License for CC180



Article	Description	Market List Price
827719	Leica Captivate Measure & Stakeout Allows measuring and staking out points, creating linework and coding measured points.	1,220.00
965871	Leica Captivate Measure & Stakeout CS3x/CCx time limited Time limited license key which allows the survey and stakeout apps to be used on a CS3x/CCx tablets connected to a total station or	1,220.00
969187	Leica Captivate Measure & Stakeout CS3x/CCx upgrade License key to be ordered as an upgrade from 965871. Allows the survey and stakeout apps to be used on CS3x/CCx tablets connected to a total station or GNSS sensor.	0.10

Captivate Options for CC180



Article	Description	Market List Price
827720	Leica Captivate Measure Stake Line Allows the staking and measuring of points relative to a line, arc or polyline. Additionally, a regular grid of points can be staked out.	1,020.00
827721	Leica Captivate Measure to Plane or Grid Allows the measuring of points relative to a plane with offsets being computed relative the plane. Also allows a regular grid of points on a plane surface to be measured automatically. Further, a grid of points can be measured automatically on any shape of surface.	610.00
827722	Leica Captivate Area Division Allows areas to be sub-divided using a number of different methods. The resulting points defining the sub-divided areas can then be staked out. Comprehensive and customisable reports can be generated relating to the area and sub-divided areas.	275.00
827723	Leica Captivate DTM Stakeout Allows a DTM surface to be staked out or checked. Comprehensive and customisable reports can be generated relating to the staked out or measured surface.	405.00
827724	Leica Captivate Volume Calculation Allows surfaces to be measured using a total station. These surfaces can then be used to compute volumes. Comprehensive and customisable reports can be generated relating to the	405.00
827725	Leica Captivate Road Allows the staking and measuring of points relative to a road alignment, or other complex alignment.	1,220.00

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CC180 Captivate Tablet Controller



827726	Leica Captivate Tunnel Allows the staking and measuring of points relative to a tunnel	1,620.00
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CC180 Captivate Tablet Controller

- when it has to be right



827727	Leica Captivate Rail Allows the staking and measuring of points relative to a railway alignment.	1,480.00
827728	Leica Captivate TS Hidden Point Allows measuring a point that is hidden from the field of view of the Total Station.	405.00
827729	Leica Captivate Traverse Allows a traverse to be measured and computed.	275.00
827730	Leica Captivate Sets of Angles Allows automation of repeated measurements to multiple targets, such as rounds of observations, to establish control points or contribute to a control network.	480.00
827731	Leica Captivate QuickVolume Allows a volume to be computed from scanned data and/or	1,020.00
834683	Captivate Athletics CS3x/CCx Allows a total station to be used for measuring distances related to various athletic disciplines. Includes high jump, long jump and throwing disciplines.	480.00
834685	Captivate Forwrd Intersection CS3x/CCx Allows the coordinate of points to be computed from angle only measurements, using more than two known points.	405.00
834686	Captivate Zenith Line CS3x/CCx Allows a reference point on the ground to be defined, which represents a vertical zenith line. The position of a reflector located at the top of a vertical structure can be compared to this zenith line to check for displacements. This check can be automated and results can be exported in reports or output via an instrument port.	480.00
834688	Captivate Set Orientation CS3x/CCx	205.00
834689	Captivate Quick Setup CS3x/CCx Allows setting up a Total Station without entering coordinates or the use of known points.	405.00
834691	Captivate Auto Setup CS3x/CCx This app uses PowerSearch to find and measure to all prisms in the area, analyzing which known control points fit the measurements and then calculate a resection, computing the location, orientation and elevation of the instrument. There is no need to choose the control points as the app will calculate this automatically.	405.00
834694	Captivate GPSeismic Export CS3x/CCx Exports data into an SQLite Database, which can be read by the GPSeismic office software.	205.00
834696	Captivate Seismic Stakeout CS3x/CCx Allows staking out a grid for measuring seismic informations using the GPSeismic office software. The app also allows exclusion zones to be defined which are then excluded from the grid stakeout.	810.00
836671	CPT Tunnel Profile Generator CS3x/CCx Allows scanning tunnel profiles within the Tunnel app.	1,020.00
848369	Captivate Inventory for CS3x/CCx Survey, view and edit items that require nested attributes coding.	810.00
854397	CPT custom format file export CS3x/CCx Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.	510.00

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839681	Captivate Inspect Surfaces CS3x/CCx Allows single or multiple scans or points to be compared against a reference surface. The reference surface can be another scan(s), a triangulation from existing points or a pre-defined plane or solid. The result is a thematic map showing the deviation to the surface for each individual point or pixel. It is possible to output various reports from each inspection.	2,050.00
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846828	CPT TPS Survey Streaming for CS3x/CCx Streams measurement or point information as ASCII message in real-time. ASCII message can be streamed in different formats and include an EDM TimeStamp.	3,400.00
848371	Captivate TPS Monitoring for CS3x/CCx Allows the automatic data acquisition regarding monitoring prisms in a deformation area. The automatic measurement cycle offers various measurement modes and automatic quality checks for setup and monitoring points and a smooth integration into the GeoMoS cloud service for the visualization of trends and automatic reporting. Informed regarding deformation values is provided via the Web-	2,050.00
848373	Captivate Inspect Road CS3x/CCx Allows comparing multiple scans or measured points against a Road design.	2,050.00
848375	Captivate Inspect Tunnel CS3x/CCx Allows to compare multiple scans or measured points against a Tunnel surface.	2,050.00
850624	CPT ESRI Shapefile Exporter CS3x/CCx Allows exporting data to Shapefile format.	545.00
865659	Captivate Compaction Control CS3x/CCx Allows measuring the percentage of compaction of layers of material achieved during each turn of the Compaction machine. Also allows creating reports on the measured results.	1,480.00
867336	Captivate Stake Auto Points CS3x/CCx Allows automatically staking out points through the instrument iterating to the location of the point on the ground surface using a motorised Total Station and reflectorless measurements.	885.00
865039	Captivate Pipeline CS3x/CCx Allows surveying, viewing and editing items that require "pipeline" specific coding features. Handles special relationship between items like Joint and Weld. Computes depth of cover based on ground	1,090.00
869757	Captivate Structural Steel CS3x/CCx Provides methods for measuring and the checking structural steel elements during the construction of buildings, using a Total Station.	1,620.00
873647	Captivate TS Hidden Point+ CS3x/CCx Provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.	610.00
878185	Captivate Pulse CS3x/CCx Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events. The application stores the event count and time (at nanosecond accuracy) in the point annotations which allows for easy data export.	675.00
870550	Captivate Quick Ground CS3x/CCx Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	175.00
870553	Captivate Trig Levels CS3x/CCx Allows conventional trigonometric levelling from two-face TS measurement averages.	205.00

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889053	Captivate ADSK BIM360 Docs CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	945.00
889056	Captivate ADSK BIM360 1y Lic CS3x/CCx Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project. This license is limited to 1 year.	480.00

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834707	Captivate Forward Station for CS3x/CCx Used in connection with a Total Station in mining and construction for coordinating stations and storing the results in a control job.	1,020.00
834708	Captivate Piling for CS3x/CCx Allows for specific workflows supporting the positioning and orientating of piles	1,020.00
903363	Leica Captivate ConX 1y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	615.00
903365	Leica Captivate ConX 2y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,040.00
903366	Leica Captivate ConX 3y Lic CS3x/CCx Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	1,340.00
920744	Captivate Resection Sets CS3x/CCx Allows setting up the Total Station based on a resection calculated from measurement sets to several targets. App provides a pre-processing option to detect outliers.	480.00
920747	Leica Captivate TS Mining application for CS35. This app provides the methods to work in underground mining.	2,200.00
923924	Captivate Bricsys 24/7 1y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	480.00
923927	Captivate Bricsys 24/7 2y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	810.00
923932	Captivate Bricsys 24/7 3y CS3x/CCx Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	1,040.00
937674	Captivate Inspect Layer CS3x/CCx Compares two or more scans to identify the thickness between the layers or surfaces of sprayed concrete. The scans can be measured using a BLK360 or RTC360 scanner.	4,050.00
939876	Captivate Kahramaa Converter CS3x/CCx Convert the data from a measurement job in the specified format of the Kahramaa company.	480.00
939879	Captivate PTS Exporter CS3x/CCx Allows exporting scan data in PTS format	1,020.00
944940	CPT Custom Field Data Export CS3x/CCx Allows exporting field data into Bentley RW5 and SSMC Civil3d	275.00
947162	Captivate Ortholinie für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation und Affine Transformation	915.00
947165	Captivate Kleinpunkte für CS3x/CCx Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via Kleinpunkttransformation	915.00

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949841	Stakeout Trees for CS3x/CCx Application to stake the position of trees or plants according to planting patterns.	1,020.00
957605	Captivate Quick Stake for CS3x/CCx Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake	445.00

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982374	Captivate Piles for CS3x/CCx Allows staking out and verifying the position and inclination of piles and other vertical elements. The app offers different methods for inclination checks, taking into account the shape of the vertical element. It can be used with piling machines to check if the inclination of the drill is correct.	1,160.00
982377	Captivate Grid North for CS3x/CCx Allows Setup routines to be used with true north or magnetic north entry. The app is created for military use. Setup routines known backsight, set orientation and resection are available. Convergence and grid azimuth are calculated after true or magnetic north entry. The app also includes the COGO inverse calculation.	710.00
985314	Captivate Nested Attributes CS3x/CCx Allows measuring and coding points, using a codelist and a predefined attribute logic. The attribute logic means that the selection of one attribute values determines the attribute values available for subsequent attributes.	810.00
996552	Captivate Site Inspector for CS3x This application is built to interface with Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	62.50
1026111	Captivate Resection Match for CS3x/CCx Allows calculating a setup position by performing resections, considering the deformation of bridges during construction. The app groups control point coordinates by epochs, sorts them by accuracy, and allows selecting the best group for setup position calculation.	705.00

Captivate Package for CC180

Article	Description	Market List Price
953324	Captivate Software Set (US) CS3x/CCx Set of Apps and Licenses to be ordered with CS3x/CCx for US containing 827719 Leica Captivate for CS3x 827720 Line - Measure & Stake 827721 Plane & Grid Scan 827722 Area Division 827723 DTM Stakeout 827724 VolumeCalculation 827728 Hidden Point 827729 Traverse 827730 Sets of Angels 827731 QuickVolume 834688 Set Orientation SetOrientation.axx free of charge	3,050.00
871520	Leica Captivate Survey+ for CS3x/CCx Includes Plane & Grid Scan, Traverse, Sets of Angles.	1,360.00

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871521	Leica Captivate Worksite+ for CS3x/CCx Includes Line-Measure & Stake, DTM Stakeout, Volume Calculation.	1,830.00
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Leica Captivate Subscriptions

Base Subscription

Article	Description	Market List Price
5310149	Leica Captivate Measure & Stakeout Subscription 1y Allows Leica Captivate to be used on a PC or tablet and the survey and stakeout apps to be used.	875.00

Subscription Options

Article	Description	Market List Price
5310648	Leica Captivate Measure Stake Line Subscription 1y Allows the staking and measuring of points relative to a line, arc or polyline.	250.00
5310649	Leica Captivate Measure Plane Grid Subscription 1y Allows the measuring of points relative to a plane.	150.00
5310650	Leica Captivate Area Division Subscription 1y Allows an area to be divided into sub-areas using a variety methods.	68.00
5310651	Leica Captivate DTM Stakeout Subscription 1y Allows stakeout of DTM heights.	99.50
5310652	Leica Captivate Volume Calculation Subscription 1y Allows a surface to be measured and volume to be computed.	99.50

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5310653	Leica Captivate Road Subscription 1y Allows the staking and measuring of points relative to a road or other complex alignment.	315.00
5310654	Leica Captivate Rail Subscription 1y Allows the staking and measuring of points relative to a railway or other complex alignment.	315.00
5310655	Leica Captivate Tunnel Subscription 1y Allows the staking and measuring of points relative to a tunnel design.	315.00
5310755	Leica Captivate Profile Generator Subscription 1y Allows scanning tunnel profiles if the tunnel app is loaded.	250.00
5310656	Leica Captivate TS Hidden Point Subscription 1y Allows measuring a point that is not in view of the Total Station.	99.50
5310657	Leica Captivate Traverse Subscription 1y Allows a traverse to be measured and computed.	68.00
5310658	Leica Captivate Sets of Angles Subscription 1y Allows multiple rounds of total station measurements to be made.	120.00
5310659	Leica Captivate Quick Volume Subscr 1y Allows a volume to be computed from scanned data and/or measured points.	250.00
5310663	Leica Captivate ADSK BIM360 Docs Subscription 1y Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	188.00

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5310664	Leica Captivate ConX Subscription 1y Allows exchanging files via the Leica ConX service. To access to the documents on the server, the device needs to be paired with a Leica ConX project.	220.00
5310665	Leica Captivate Bricsys 24/7 Subscription 1y Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.	188.00
5310679	Captivate TPS Survey Streaming Subscription 1y Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.	870.00
5310680	Leica Captivate NEN Subscription 1y Allows TS and GS measurement according requirements from the Dutch cadastre.	120.00
5310681	Captivate Inspect Surfaces Subscription 1y Allows comparing multiple scans or points against other scans or surfaces.	500.00
5310756	Captivate Inspect Road Subscription 1y Allows comparing multiple scans or points against a Road surface.	500.00
5310757	Captivate Inspect Tunnel Subscription 1y Allows comparing multiple scans or points against a Tunnel surface.	500.00
5311021	Captivate ESRI Shapfile Exporter Subscription 1y Allows exporting data to Shapefile format.	137.00
5311379	Captivate Quick Stake Subscription 1y Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	113.00

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5311483	Captivate Quick Setup Subscription 1y Used to allows setup the instrument without having or enterig coordinates.	99.50
5311884	Captivate Stakeout Auto Points Subscription 1y Provides a method to stake out the job points automatically using motorised TPS and reflectorless measurements.	225.00
5312116	Captivate Auto Setup Subscription 1y Allows automatically setting up a Total Station. The app searches and measures to all prisms that can be found in the surrounding. With automatic identification of each measured point, a resection is calculated by the measurements taken.	99.50
5312117	Captivate TPS Monitoring Subscription 1y Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.	500.00
5312118	Captivate Offset Subscription 1y Allows the measurement of points with a total station taking into account the prism offset in all directions. It is also possible to project points on lines and measure points perpendicular to lines using this application.	120.00
5312119	Captivate Compaction Control Subscription 1y This app provides a control method to get the compaction objective and generate a documentation of the results.	375.00
5312347	Captivate Site Inspector Subscr 1y Allows interfacing with the Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	26.00
5312625	Captivate Quick Ground Subscription 1y Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	42.50

Subscription Package US

Article	Description	Market List Price
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6017711 Captivate Subscription Bundle

1,796.50

Active Customer Care

Enduser CCP



Article	Description	Market List Price
6018902	1 yr Leica Captivate Tablet Basic CCP	647.00
6018903	2 yr Leica Captivate Tablet Basic CCP	1,150.00
6018904	3 yr Leica Captivate Tablet Basic CCP	1,640.00
6018905	5 yr Leica Captivate Tablet Basic CCP	2,725.00

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Distr. Partner CCP



Article	Description	Market List Price
6018908	1yr Leica Captiv. Tab. D.P. Basic CCP	450.00
6018909	2yr Leica Captiv. Tab. D.P. Basic CCP	876.50
6018910	3yr Leica Captiv. Tab. D.P. Basic CCP	1,255.00
6018941	5yr Leica Captiv. Tab. D.P. Basic CCP	2,049.00

Quick Guides



Article	Description	Market List Price
833978	Leica Geomatics License Activation Guide	16.10

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Leica Captivate Subscriptions



Base Subscription

Article	Description	Market List Price
5310149	Leica Captivate Measure & Stakeout Subscription 1y Allows Leica Captivate to be used on a PC or tablet and the survey and stakeout apps to be used.	875.00

Subscription Options

Article	Description	Market List Price
5310648	Leica Captivate Measure Stake Line Subscription 1y Allows the staking and measuring of points relative to a line, arc or polyline.	250.00
5310649	Leica Captivate Measure Plane Grid Subscription 1y Allows the measuring of points relative to a plane.	150.00
5310650	Leica Captivate Area Division Subscription 1y Allows an area to be divided into sub-areas using a variety methods.	68.00
5310651	Leica Captivate DTM Stakeout Subscription 1y Allows stakeout of DTM heights.	99.50
5310652	Leica Captivate Volume Calculation Subscription 1y Allows a surface to be measured and volume to be computed.	99.50

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5310653	Leica Captivate Road Subscription 1y Allows the staking and measuring of points relative to a road or other complex alignment.	315.00
5310654	Leica Captivate Rail Subscription 1y Allows the staking and measuring of points relative to a railway or other complex alignment.	315.00
5310655	Leica Captivate Tunnel Subscription 1y Allows the staking and measuring of points relative to a tunnel design.	315.00
5310755	Leica Captivate Profile Generator Subscription 1y Allows scanning tunnel profiles if the tunnel app is loaded.	250.00
5310656	Leica Captivate TS Hidden Point Subscription 1y Allows measuring a point that is not in view of the Total Station.	99.50
5310657	Leica Captivate Traverse Subscription 1y Allows a traverse to be measured and computed.	68.00
5310658	Leica Captivate Sets of Angles Subscription 1y Allows multiple rounds of total station measurements to be made.	120.00
5310659	Leica Captivate Quick Volume Subscr 1y Allows a volume to be computed from scanned data and/or measured points.	250.00
5310663	Leica Captivate ADSK BIM360 Docs Subscription 1y Allows exchanging files with an Autodesk BIM 360 Docs project. An Autodesk ID with access rights is needed in order to log in to the BIM 360 project.	188.00

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5310680	Leica Captivate NEN Subscription 1y Allows TS and GS measurement according requirements from the Dutch cadastre.	120.00
5310681	Captivate Inspect Surfaces Subscription 1y Allows comparing multiple scans or points against other scans or surfaces.	500.00
5310756	Captivate Inspect Road Subscription 1y Allows comparing multiple scans or points against a Road surface.	500.00
5310757	Captivate Inspect Tunnel Subscription 1y Allows comparing multiple scans or points against a Tunnel surface.	500.00
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5311483	Captivate Quick Setup Subscription 1y Used to allows setup the instrument without having or enterig coordinates.	99.50

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Leica Captivate Subscriptions

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5311884	Captivate Stakeout Auto Points Subscription 1y Provides a method to stake out the job points automatically using motorised TPS and reflectorless measurements.	225.00
5311379	Captivate Quick Stake Subscription 1y Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	113.00
5312116	Captivate Auto Setup Subscription 1y Allows automatically setting up a Total Station. The app searches and measures to all prisms that can be found in the surrounding. With automatic identification of each measured point, a resection is calculated by the measurements taken.	99.50
5312117	Captivate TPS Monitoring Subscription 1y Supports effective field campaigning functionality for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.	500.00
5312118	Captivate Offset Subscription 1y Allows the measurement of points with a total station taking into account the prism offset in all directions. It is also possible to project points on lines and measure points perpendicular to lines using this application.	120.00
5312119	Captivate Compaction Control Subscription 1y This app provides a control method to get the compaction objective and generate a documentation of the results.	375.00
5312347	Captivate Site Inspector Subscr 1y Allows interfacing with the Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	26.00
5312625	Captivate Quick Ground Subscription 1y Allows creating a ground coordinate system from an existing grid coordinate system. The user must enter the project ground scale factor or the known scale point coordinates. An option to shift ground coordinates is included.	42.50

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Leica Captivate Subscriptions



Article	Description	Market List Price
6017711	Captivate Subscription Bundle	1,796.50

Subscription Options US

Article	Description	Market List Price
5311379	Captivate Quick Stake Subscription 1y Provides an optimized workflow to stake points, lines and arcs. Uses smart input field commands to quickly define point range, line and arc. Includes point by direction and customizable stake description features.	113.00
5312347	Captivate Site Inspector Subscr 1y Allows interfacing with the Mobile Inspector® web app (InfoTech). It provides an integrated request manager with a seamless workflow to measure inspection data (point, line, area and volume). The request results are automatically computed including the road alignment stations.	26.00

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Mobile Inspector



Perpetual

Article	Description	Market List Price
996138	Perpetual License to be used with Site Inspector App for server access to Mobile Inspector	1,500.00

Subscription

Article	Description	Market List Price
5312268	Subscription (1yr) License to be used with Site Inspector App for server access to Mobile Inspector	490.00

TimeLimited

Article	Description	Market List Price
996139	Time Limited (Wkly) License to be used with Site Inspector App for server access to Mobile Inspector	150.00

Demo/Eval

Article	Description	Market List Price
808798	Infinity Demo Licence 1y License key which allows use of all Leica Infinity functionality for a 1 year period for demo purposes	0.05
808799	Infinity Evaluation 30 days License which allows a trial of Leica Infinity for 30 days.	0.05

Permanent Licenses



Core

Article	Description	Market List Price
969678	Infinity Core Allows access to a core set of features within Leica Infinity. Enables all tools, all available data importers and exporters, access to all Cloud and Map services, COGO tools, Survey, Feature Coding and Stakeout including application reports.	770.00

Options



Article	Description	Market List Price
969679	Infinity Survey Allows access to the standard Survey related workflows within Leica Infinity. Enables data processing for Total Stations, Digital Levels, and L1 GNSS post processing. Includes measuring points in images.	885.00
969682	Infinity Advanced Survey Allows access to advanced survey related capabilities. Enables multifrequency multi constellation GNSS data post processing and Full 3D Network Adjustments.	3,050.00
969684	Infinity Engineering Allows access to Surfaces and basic tools for editing point clouds. Enables creating, editing and using surfaces to compute volumes, create comparisons with other project data and cut fill differences.	1,110.00
969686	Infinity Point Clouds from Images Allows photogrammetry processing, and measuring points in images. Enables the processing of image groups to create point clouds, digital surface models and orthophotos.	3,850.00

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969687	Infinity Point Cloud Registration Allows point cloud registration. Enables importing of Leica scanners, registering scans setups, alignment of point clouds using targets and creating unified point clouds.	2,100.00
980824	Infinity Infrastructure Allows creating alignments, cross sections and profiles. Enables preparing road and tunnel data to be used in Leica Captivate, importing application results and generating detailed as-built reports.	1,110.00

Upgrade

The Infinity Additional Users article is a flexible article which allows adding users and options. Prices are calculated based on the overall number of options (included or added), multiplied by the overall number of users (included or added) in the order. Prices below do therefore not reflect the final prices when adding this option to you order.

Article	Description	Market List Price
986283	Infinity Additional Users Allows adding users to an existing Infinity license. Enables additional seats on all options contained in the license.	750.00

Time limited Licenses



Core

Article	Description	Market List Price
976642	Infinity Core time limited Allows access to a core set of features within Leica Infinity. Enables all tools, all available data importers and exporters, access to all Cloud and Map services, COGO tools, Survey, Feature Coding and Stakeout including application reports.	33.50

Subscriptions



Core Subscription

Article	Description	Market List Price
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Infinity Office Software

- when it has to be right



5312076	Infinity Core Subscription 1 yr Yearly subscription that allows access to a core set of features within Leica Infinity. Enables all tools, all available data importers and exporters, access to all Cloud and Map services, COGO tools, Survey, Feature Coding and Stakeout including application reports.	330.00
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Options for Subscription

Article	Description	Market List Price
5312077	Infinity Survey Subscription 1yr Yearly subscription that allows access to the standard Survey related workflows within Leica Infinity. Enables data processing for Total Stations, Digital Levels, and L1 GNSS post processing. Includes measuring points in images.	390.00
5312078	Infinity Advanced Survey Subscription 1yr Yearly subscription that allows access to advanced survey related capabilities. Enables multifrequency multi constellation GNSS data post processing and Full 3D Network Adjustments.	1,220.00
5312079	Infinity Engineering Subscription 1yr Yearly subscription that allows access to Surfaces and basic tools for editing point clouds. Enables creating, editing and using surfaces to compute volumes, create comparisons with other project data and cut fill differences.	500.00
5312080	Infinity Point Clouds from Images Subscription 1yr Yearly subscription that allows photogrammetry processing and measuring points in images. Enables the processing of image groups to create point clouds, digital surface models and orthophotos.	830.00
5312081	Infinity Point Cloud Registration Subscription 1yr Yearly subscription that allows point cloud registration. Enables importing of Leica scanners, registering scans setups, alignment of point clouds using targets and creating unified point clouds.	885.00
5312082	Infinity Infrastructure Subscription 1yr Yearly subscription that allows creating alignments, cross sections and profiles. Enables preparing road and tunnel data to be used in Leica Captivate, importing application results and generating detailed as-built reports.	500.00

Active Customer Care

All Infinity CCPs are flexible CCPs. Prices are calculated based on the extend of the Infinity order. Prices shown below do therefore not reflect the final price of a CCP.

Enduser CCP



Article	Description	Market List Price
6017905	1 yr Infinity CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	2,262.00
6017906	2 yr Infinity CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	4,072.00
6017907	3 yr Infinity CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	5,760.00
6017908	5 yr Infinity CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	9,585.00

Distr. Partner CCP



Article	Description	Market List Price
6017909	1 yr Infinity D.P. CCP, consisting of: 1 yr SW Maintenance, 1 yr Distribution Partner Support.	2,035.50
6017910	2 yr Infinity D.P. CCP, consisting of: 2 yr SW Maintenance, 2 yr Distribution Partner Support.	3,660.00
6017911	3 yr Infinity D.P. CCP, consisting of: 3 yr SW Maintenance, 3 yr Distribution Partner Support.	5,184.00
6017912	5 yr Infinity D.P. CCP, consisting of: 5 yr SW Maintenance, 5 yr Distribution Partner Support.	8,635.00

EDU SW Packages

Infinity Perpetual



The prices shown for EDU software are list-prices and hence do not include the Educational Discount. The Floating license list-price does not include the multi-license Discount.

The multi-license Discount is applied during order/quote creation. Order requires approval from PM including documentation of the Institution, agreed price and length of CCP contract.

Article	Description	Market List Price
983529	Leica Infinity Education License to be used for education or research focused institutions. Allows access to all Infinity functionality for none-commercial use. Default license includes 10 users.	1.00

Infinity Subscription

Article	Description	Market List Price
5310691	Leica Infinity Education Subscription 1yr License to be used for education or research focused institutions. Allows access to all Infinity functionality for none-commercial use. Default license includes 10 users.	56.50

TPS, GNSS & Dig.Level

LS10/15 Digital Level

Instruments



Article	Description	Market List Price
804548	LS15 0.2mm, precision digital level with magnetically damped compensator, auto focus, wide-angle camera, internal memory, communication interfaces (RS232, USB host, USB device, Bluetooth) and levelling application programs, with Calibration Certificate Silver, Quick Guide and container.	13,800.00
804549	LS15 0.3mm, precision digital level with magnetically damped compensator, auto focus, wide-angle camera, internal memory, communication interfaces (RS232, USB host, USB device, Bluetooth) and levelling application programs, with Quick Guide and container.	9,650.00
804550	LS10 0.3mm, precision digital level with magnetically damped compensator, internal memory, communication interfaces (USB host, USB device, Bluetooth) and levelling application programs, with Quick Guide and container.	7,950.00

Power Supplies



Article	Description	Market List Price
799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00



TPS, GNSS & Dig.Level

LS10/15 Digital Level

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954518 GEB334 Battery int Li-Ion 10.8V/3450mAh

290.00

Levelling Staffs

Professional 5000

Article	Description	Market List Price
563659	Invar bar code levelling staff GPCL2, 2m, with circular level	1,330.00
560271	Invar bar code levelling staff GPCL3, 3m, with circular level	1,690.00
560274	Invar bar code levelling staff GPCL3, 3m, with circular level, with expansion coefficient certificate and length calibration certificate	2,800.00
632313	Industrial bar code levelling staff GWCL92, 92 cm, invar staff with circular bubble and 2 interchangeable bases.	1,040.00
563733	Invar bar code scale GWCL60, 60 cm	315.00

Professional 3000

Article	Description	Market List Price
757761	GTL4M Telescopic levelling staff, 4m, fibreglass, bar code/mm-graduation, with bull's-eye bubble, in transport bag.	385.00
667113	Telescopic levelling staff GTL4C, 4m, aluminium, bar code/mm-graduation, with bull's-eye bubble, in transport bag	191.00
522794	Dual face levelling staff GKNL4M, 4m, 3 sections, code/cm-graduation, with handles and circular bubble, in transport bag	455.00
522793	Dual face levelling staff GKNL4F, 13.3ft, 3 sections, code/ft graduation, with handles and circular bubble, in transport bag	455.00

Accessories for Levelling Staffs

Article	Description	Market List Price
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TPS, GNSS & Dig.Level

LS10/15 Digital Level

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197000 Ground plate

120.00

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LS10/15 Digital Level

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555638 Pair of struts for GPCL3/GPLE3N staff

2,200.00



555642 Transport case for 2 GPLE3N/GPCL3 staffs

1,200.00



555641 Transport case for 2 GPLE2N/GPCL2 staffs

1,080.00

Data & Power Cables



Article
439038 **Description**
Car battery cable 4m, to connects 12V car battery.

Market List Price
440.00



733282 GEV162, 2.8m Data transfer cable, for RX port. Lemo to 9 pin RS232 connector. Connects GPS Receiver to PC for data transfer, firmware upload etc.

260.00



758469 GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.

260.00



759257 GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.

530.00



767899 GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.

275.00



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	771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.	705.00
	793364	GEV261, Y-cable, 1.8m, connects TS/MS60/ TM50/GS - Battery - USB or RS232.	705.00
	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.	260.00
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.	44.50

Accessories

	Article	Description	Market List Price
	833391	Leica LS Digital Level USB-Card	52.50
	636977	Sunshade for digital level	30.50
	799660	SPF04, Set of 2 display protection foils including micro fibre cleaning cloth for TS03, TS07, TS09+, TS11, TS12L, TS15, CS10, CS15, LS10, LS15, ICR60, ICB60, Builder 100-500.	29.00
	813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/ TS/MS60 instruments.	17.40

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TPS, GNSS & Dig.Level

LS10/15 Digital Level

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Quick Guides



Article	Description	Market List Price
837281	Leica LS10/15 Quick Guide multilanguage Languages:en,cs,da,de,el,es,fi,fr,it, ja,nl,no,pl,br,ru,sv,tk,zh.	16.10

Enduser CCP

Basic CCP



Article	Description	Market List Price
6009914	1 yr LS10/15 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.	276.00
6009915	2 yr LS10/15 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.	495.00
6009916	3 yr LS10/15 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.	705.00
6011261	5 yr LS10/15 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.	780.00

Blue CCP



Article	Description	Market List Price
6009917	1 yr LS10/15 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.	676.00
6009918	2 yr LS10/15 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.	1,210.00

TPS, GNSS & Dig.Level

LS10/15 Digital Level

6009919	3 yr LS10/15 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.	1,725.00
6011262	5 yr LS10/15 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.	2,380.00

Bronze CCP



Article	Description	Market List Price
6009920	2 yr LS10/15 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,185.00
6009921	3 yr LS10/15 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	1,945.00
6011263	5 yr LS10/15 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	2,330.00
6009922	1 yr Ext. LS10/15 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	966.00

Silver CCP



Article	Description	Market List Price
6009927	2 yr LS10/15 Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.	1,900.00
6009928	3 yr LS10/15 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	2,965.00

TPS, GNSS & Dig.Level

LS10/15 Digital Level



6011264 5 yr LS10/15 Silver CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

3,930.00

TPS, GNSS & Dig.Level

LS10/15 Digital Level

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6009929	1 yr Ext. LS10/15 Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.	1,366.00
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Gold CCP



Article	Description	Market List Price
6009930	3 yr LS10/15 Gold CCP, consisting of: 3 yr HW Maintenance (year 3 = Extended Maintenance), 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.	3,810.00
6011265	5 yr LS10/15 Gold CCP, consisting of: 5 yr HW Maintenance (year 5 = Extended Maintenance), 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.	4,875.00

Training



Article	Description	Market List Price
5003734	LS10/15 Half Day Workflow Training.	820.00
5003735	LS10/15 Commissioning.	490.00

Tripods

Professional 5000



Article	Description	Market List Price
296632	Tripod GST20, telescopic, with accessories.	570.00



667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.	525.00
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394752	Tripod GST20-9, telescopic, with accessories, without pouch	525.00
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328422	Tripod GST40, with rigid legs, with accessories	895.00
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Professional 3000



Article	Description	Market List Price
399244	Tripod GST05, telescopic, with polymer coating, with accessories.	350.00



563630	Aluminium-Tripod GST05L, telescopic, with accessories.	270.00
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Professional 1000



Article	Description	Market List Price
726831	CTP101, Wooden tripod with shoulder strap and side clamp screws, heavy duty.	175.00



726833	CTP103, Aluminium tripod with shoulder strap and side clamp screws, medium weight.	129.00
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Accessories for Tripods



Article	Description	Market List Price
332200	Tripod-star GST4, for setting up tripods on hard and slippery surfaces	300.00



748417	GHT58, Bracket to mount a radio built into the Leica GFU radio housing on a tripod.	87.00
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871825	GST20/120 Centralscrew Set	52.50
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Tribrachs

Professional 5000

Article	Description	Market List Price
777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.	440.00



777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.	660.00
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Professional 3000

Article	Description	Market List Price
842061	GDF311 Tribrach without optical plummet, professional 3000 series, green.	275.00



842062	GDF312 Tribrach with optical plummet, professional 3000 series, green.	455.00
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Professional 1000

Article	Description	Market List Price
842063	GDF301 Tribrach without optical plummet, professional 1000 series, black.	190.00



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Accessories Geomatics

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842064 GDF302 Tribrach with optical plummet,
professional 1000 series, black.

360.00

Accessories for Tribrachs



Article **Description**
667718 GHM007 Instruments height meter.

Market List Price
53.00



722045 GHT196 Distance holder for height meter.

27.50

Carriers

Professional 5000



Article **Description**
428340 Carrier GZR3, with plate level and
optical plummet, for Target plate.

Market List Price
1,690.00



360532 Carrier GZR2, with plate level, without
optical plummet, for target plate

1,050.00



874838 SNLL321, Precision carrier, with plate
level and zenith-nadir laser plummet.

1,810.00

Professional 3000



Article	Description	Market List Price
667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.	190.00



667216	GRT146 Carrier with 5/8 inch screw, GPS antenna screws on directly.	174.00
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981662	GZR104, Carrier, with plate level and optical plummet, for reflectors and GPS antennas, pale green.	440.00
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770715	GRT247, Carrier with 5/8 inch screw for GS15.	174.00
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Accessories for Carriers



Article	Description	Market List Price
667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.	215.00



667244	Height hook with integrated tape measure.	310.00
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Standard Reflectors

Professional 5000



Article	Description	Market List Price
641617	Circular prism GPR121 PRO, with holder and target plate	530.00



362830	Circular prism GPR1, in container	320.00
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639985	GRZ4 360° Reflector.	1,540.00
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Professional 3000






Article	Description	Market List Price
641618	Circular prism GPR111 BASIC, with holder and target plate	320.00

Professional 1000






Article	Description	Market List Price
753492	GPR113 Circular prism, with red holder.	260.00

Accessories for Standard Reflectors

	Article	Description	Market List Price
	362820	Single-prism holder GPH1, for all TC	108.00
	400080	Three-prism holder GPH3	270.00
	362823	Target plate GZT4, for GPH1	87.00

Special Reflectors

Professional 5000

	Article	Description	Market List Price
	555631	Single-prism precision reflector GPH1P	1,900.00
	754384	GRZ122, 360° Reflector with 5/8" thread adapter for mounting of GPS antenna.	2,250.00
	756637	MPR122, 360° Reflector PRO with locking Collar.	2,150.00



641762 Mini prism GMP104, with L-bar, for fixed installations

190.00

Professional 3000



Article
726295 **Description**
GPR112 Monitoring-Ming Prism, with M8 internal thread in the back for direct mounting and 5/8" adapter.

Market List Price
165.00



763532 GZM29, Reflective Tape 20x20mm for short range, pack of 20 pieces.

87.50



763533 GZM30, Reflective Tape 40x40mm for medium range, pack of 20 pieces.

114.00



763534 GZM31, Reflective Tape 60x60mm for long range, pack of 20 pieces.

139.00

Professional 1000



Article
731346 **Description**
CPR105, Flat prism with double sided reflector.

Market List Price
130.00



962427 GMP004 Mini Prism with L bar (20pcs)

1,620.00

Accessories for Special Reflectors



Article	Description	Market List Price
726296	GHT112 Mounting set for GPR112 with M8 and 5/8" internal thread adapters, suitable for direct fixing systems on nearly every surface, prism is adjustable and fixable in two axes.	74.50



727406	GDZ112, rain shelter for Monitoring Mining Prism GPR112. Full availability of the prism even in rainy conditions. The rain shelter protects the prism front against rain drops and dust which is washed out from of the air by rain.	38.00
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Mini Reflectors

Professional 5000



Article	Description	Market List Price
641662	Mini prism GMP101, incl. bubble, target plate and spike, in bag, also suitable for GLS11 and GRT44 (same height as GPH1, additive constant +17.5mm)	360.00
644327	GRZ101 360° Mini Prism with 1/4" thread fitting.	965.00

Professional 3000







Article	Description	Market List Price
641615	Mini prism GMP111 BASIC, incl. bubble, with GLS115 and GHT111	375.00



642534	Mini prism 0-Constante GMP111-0 BASIC, incl. bubble, with GLS115 and GHT111.	385.00
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Accessories for Mini Reflectors

	Article	Description	Market List Price
	742006	GAD103, Adapter for attaching the GRZ101 to all poles (except mini poles) and reflector carriers.	87.00
	743503	GAD105, Adapter for GMP111 Mini prism to pole.	87.00
	742329	GMP112, Hidden Point pole extension for GMP111. Includes miniprism with holder and 30cm adapter pole.	360.00
	642344	Soft bag GVP608 for Mini prism GMP111 BASIC	44.50

Containers & Bags

Hard-Top Cases

	Article	Description	Market List Price
	817061	GVP728, Hard container (red) for FlexLine TS03, TS07 and TS10 total station and accessories.	330.00
	1012143	GVP773, GNSS Rover Container. Small-sized hard container for SmartAntenna, CS15, CS20, CS30 and CC180 field controller and accessories for a rover setup.	195.00

TPS, GNSS & Dig.Level

Accessories Geomatics



980903 GVP754, Hard container for 2 SmartAntennas, CS field controller and accessories for a base and rover setup. 300.00



914930 GVP738, Hard container for 2 prisms, 2 carriers/ laser plummets, 2 tribrachs, CS10, CS15, CS20, CS30, CS35 and a AP20. All CS fits with attached holder. 305.00



980901 GVP752, Hard container for GS10/GS25 receiver, CS field controller/tablet and accessories for a base or rover setup. 300.00



985945 GVP759 Small-sized hard container for AP20, 360° prism, CS30, CC80 and CS170 field cttablet. Red container color. 265.00





985946 GVP760 Small-sized hard container for AP20, 360° prism and CS30, CC80 and CS170 field tablet, Yellow container color. 265.00

1012147 GVP771, TS Robotic Container. Small-sized hard container for 360° prism and CS15, CS20, CS30 and CC180 controller for TS Robotic Pole set-up. 195.00



1012145 GVP770 SmartPole/SmartStation Container. Hard container for SmartAntenna, CS15, CS20, CS30, C35, CC180 and CC200 Field Controller and accessories for a SmartPole and SmartStation setup. 300.00

1012148 GVP765, AP20 Robotic Container. Hard container, for CS15, CC70/80 and CS30/CC170, CS20, CS35, CC180 and CC200 field controller including attached holders, 360° prisms and AP20. 340.00

Backpacks & Bags

	Article	Description	Market List Price
	790314	GVP703, Softbag for accessories or tablet computer CS25.	53.00
	770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.	240.00
	727589	GVP102, Soft bag with shoulder strap, for prism station, consist of tribrach, prism carrier or laser plummet and prism.	87.00
	6014870	GVP711, softbag for holding a battery, waterproof material with GEV283 Cable for ext. Battery	64.00

Accessories for Containers





	Article	Description	Market List Price
	833516	GVP716 Backpack for Container	340.00
	833518	GVP718 Basic backstraps for container	195.00

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Accessories Geomatics




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	833517	GVP717 Sidebag for container	131.00
	744501	GDZ66, Back strap (2), for container.	53.00
	833519	GVP719 Shoulderstrap for container	99.00
	632249	Back strap for transport container, for each container two are needed (for T..1100...2003)	119.00

Reflector Poles

Professional 5000

	Article	Description	Market List Price
	754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.	375.00
	754389	GLS12F, Reflector pole, telescopic to 2.00m with circular bubble, ft graduations.	375.00
	403427	Mini reflector pole (prism/target 20cm over point), with circular bubble	155.00

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Professional 3000



Article	Description	Market List Price
385500	Reflector pole GLS111, telescopic, with circular bubble, cm and ft graduation, extends to 2,15m	300.00



667309	Reflector pole GLS111 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 2.60m, with red/white 0.20m graduations	340.00
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667310	Reflector pole GLS112 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 3.65m, with red/white 0.20m graduations	385.00
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Professional 1000



Article	Description	Market List Price
865472	GLS101, TPS carbon/aluminum pole, height 2m, Professional 1000 series.	265.00



642106	Mini reflector pole GLS115 BASIC, four screw-together sections, extends to 1.30m, for GHT111 EASY	130.00
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GNSS Poles

Professional 5000

Article	Description	Market List Price
752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m	580.00
766359	GLS31, Reflector carbon-fibre pole with circular bubble and twist lock. Snap-locks at 2,00m for GPS (GNSS) antennas with GAD31 Adapter or GRZ122 reflector.	730.00

Professional 3000

Article	Description	Market List Price
754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.	375.00
768226	GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas.	375.00

Professional 1000

Article	Description	Market List Price
865473	GLS102, GNSS carbon/alu pole, hight 2m, Professional 1000 series.	300.00



Accessories for GNSS Poles



Article	Description	Market List Price
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	130.00
876271	Topo shoe for attaching to a GLS30/31	99.00

Accessories for Ext. Antenna



Article	Description	Market List Price
767790	GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.	215.00



667219	Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm.	107.00
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855149	CA41, RTK arm to mount external RTK antenna to iCG70/GS18 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle	325.00
667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.	71.00



734388 GAD46, Double arm adapter, screws on telescopic rod. Allows to connect up to 2 mobile phone/radio antennas and up to 2 antenna cables on arm.

107.00

AP20 Poles



Article 913901 **Description** GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm

Market List Price
1,060.00



913902 GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends to target height 7.0 Ft, printed scale both on extendable tube and lower tube, graduation in Ft decimal

1,060.00



913899 CRP4, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 1.37 m, extends to target height 2.20 m, printed scale both on extendable tube and lower tube, graduation in cm

1,060.00



913900 CRP5, telescopic pole with 5/8 inch thread interface to reflector, supports AutoPole product, carbon/glass fibre, with upright circular bubble and upside-down circular bubble, minimum length 4 Ft 6.6 Inch, extends to target height 7 Ft 0 Inch, printed scale both on extendable tube and lower tube, graduation in Ft

1,060.00



977379 GLS52, Carbon pole extension 1m

147.00



977380 GLS53, Mini Pole for AP20, with 5/8" thread connector

225.00



979523 GLS54, Mini Pole for AP20, with Leica stub connector

225.00

Accessories for Reflector Poles

Accessories for Reflector Poles and GNSS Poles




Article	Description	Market List Price
767880	GHT63, Pole holder clamp for CS10 and CS15 field controller for use with GLS13, GLS30 or GLS31 pole	190.00



667236	Base with 5/8 inch screw, for setting up telescopic rod on tripod.	87.00
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TPS, GNSS & Dig.Level

Accessories Geomatics

	767896	GHT64 Holder for GFU Radios. Attaches to all GPS poles.	174.00
	807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.	147.00
	832127	GHT78, Holder for attaching a CS35 with a GHT63 clamp to a pole. GHT63 is not included.	595.00
	925664	GHT81 Holder for CS30/CC170 tablet	195.00
	555720	Dual strut support GSR2 for GLS11/GLS11K plumbing pole	530.00
	667319	Dual-strut support GSR111, for all GLS	435.00
	560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.	605.00
	403428	GZW12, pole extension 1m made of aluminium, with Leica pin, fitting to reflector pole GLS11/GLS12 or carriers.	174.00
	667222	GLS18, pole extension 1m made of aluminium, 5/8" thread on both sides.	174.00

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845832 GHT70, Holder to attach a CS10/15/20/35 with his designated controller holder to a tripod. 166.00



747895 GLI115, Clip-on bubble, for GLS115. 44.50

876271 Topo shoe for attaching to a GLS30/31 99.00



667217 Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub. 215.00

964869 GAD20 sleeve for attaching an AP20 ID to a GLS12 pole. 70.00



855146 CRP15, Quick Snap Connector for construction GNSS antenna. Allows for the quick and simple mount and dismount of the GNSS antenna from a pole, vehicle or tripod 255.00



972107 CMB16, Tablet Holder for CC200 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included). 510.00



999252 CMB18, Tablet Holder for CC180 Tablet. Can be attached to a pole with a GHT63 clamp (not included), or in a vehicle with a 6010273, Vehicle holder package (not included). 465.00

998120 GHT89, Holder and cradle for attaching GKP100 Leica Captivate keypad and CS30 tablet to a pole. GHT63 is not included. 385.00

1008402	GHT92, Cradle for attaching GKP100 Leica Captivate keypad to GHT90 CC180 tablet holder or GHT91 CC200 tablet holder. GHT63 is not included.	165.00
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1014801	GHT93, Conversion kit for mounting a GHT92 cradle to an existing CMB16 (CC200) or CMB18 (CC180) controller holder.	124.00
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Data Storage

MemoryCards & Card Readers

Article	Description	Market List Price
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767856	MSD1000, SD memory card 1GB	260.00
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789139	MSD8, SD memory card 8GB.	705.00
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795993	MMSD01 MicroSD Memory Card 1GB.	260.00
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733257	MCF256, CompactFlash card 256MB.	260.00
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733256	MCF32, CompactFlash card 32MB.	260.00
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745995	MCF1000, CompactFlash card 1GB.	440.00
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733258 MCFAD1, CompactFlash PC Card adapter. 95.50



765199 MS1, USB memory stick, 1GB. 215.00



767895 MCR7 USB card reader for SD- and CF-cards. 885.00

Radio Accessories

Accessories for HPR Radios



Article	Description	Market List Price
806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.	360.00



806097	GVP 712, container for Satel radio and accessories.	240.00
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806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.	185.00
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806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.	86.50
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806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.	86.50
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TPS, GNSS & Dig.Level

Accessories Geomatics



667219 Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm. 107.00

791829 GAD113, adapter for fitting the GAD33 antenna arm to the GS08plus. 71.00



667220 Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm. 71.00



734388 GAD46, Double arm adapter, screws on telescopic rod. Allows to connect up to 2 mobile phone/radio antennas and up to 2 antenna cables on arm. 107.00

Controller & Total Station Accessories

Accessories for Controller & Total Stations



Article	Description	Market List Price
813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/TS/MS60 instruments.	17.40



813582	GHT76 Tether to connect GDZ71 Pen to CS20 field controller.	10.10
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851539	GDZ76 Digitiser Pen for CS35, for MK4 models 848130, 848131, 848134.	165.00
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925665	CCS02 Docking Station for CS30/CC170	665.00
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Accessories Geomatics

- when it has to be **right**



   	807245	GHT68, Utility hook for CS20 field controller for attaching to belt or tripod.	37.00
	832122	GHT77, Tether to tie Digitiser Pen GDZ76 to CS35.	29.00
	767877	GHT61, Hand strap for CS10 and CS15 field controller with utility hook for attaching to belt or tripod.	28.50
	807158	GHT67 Hand strap for CS20 field controller.	44.50
	944821	GSK3, RainCover for TS16I, TS16P, TS13, ICR70, ICR80 and IC80S total stations.	73.50
	944820	GSK2, RainCover for TM60, TS60, MS60	73.50

Screen Protection Foils






Article	Description	Market List Price
767907	SPF01, Screen protector foils for CS10 or CS15 field controller.	29.00
799658	SPF03 Screen protection foil for TS30 / TM30 / TPS1200+ / TS12.	42.50

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	799660	SPF04, Set of 2 display protection foils including micro fibre cleaning cloth for TS03, TS07, TS09+, TS11, TS12L, TS15, CS10, CS15, LS10, LS15, ICR60, ICB60, Builder 100-500.	29.00
	813781	SPF05, Set of 2 display protection foils including micro fibre cleaning cloth for 5" WVGA displays used in CS20 field controller and TS10, TS13, TS16, TS60, MS60, ICT30 instruments.	42.50
	832126	SPF06, CS35 Display protection foil, protects Display from scratches.	170.00
	925662	SPF10 Screen protection foil CS30/CC170	115.00
	971980	SPF11 Screen Protection Foil CSX8.	129.00

Eyepieces






Diagonal Eyepieces & Ancillary Lenses

	Article	Description	Market List Price
	793979	GFZ3, Diagonal eyepiece for all TPS with bayonet coupling, except T100 and TS02.	1,550.00
	743504	GVO13, Objective Solar Filter for TPS.	530.00
	199899	Autocollimation eyepiece (for T..800...2003)	2,100.00

Leica Geosystems Inc
555 North Point Center East
Suite 700
ALPHARETTA GA 30022
USA




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	377802	Eyepiece FOK53, additional eyepiece (modification in a workshop necessary)	1,050.00
	799220	GSK1, Set cover for eyepiece and lens. Fits to all TPS Instruments.	53.00
	636977	Sunshade for digital level	30.50
	394787	Plug-in lamp, with cable for Autocollimation eyepiece	785.00
	394792	Battery box GEB63 for autocollimation eyepiece and eyepiece lamp	1,310.00




Chargers

Professional 5000





	Article	Description	Market List Price
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222/223/321, GEB241/242/243, GEB331/333/334 and GEB361/363/364, Power cable included.	1,250.00
	731439	AC power cable EU to charger for Rugby/ Javelin.	44.50
	731440	AC power cable US to charger for Rugby/ Javelin.	42.50

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	731441	AC power cable UK to charger for Rugby/Javelin.	44.50
	731442	AC power cable AUS to charger for Rugby/Javelin.	42.50
	796922	AC power cable 2-pole CN, to charger.	44.50
	957291	Powercable 2-pin JP, to Charger	42.50

Professional 3000

	Article	Description	Market List Price
	799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.	330.00
	734753	GKL112, Charger BASIC, for Ni-Mh batteries GEB121 and GEB111, car adapter cable and net adapter included.	215.00
	785703	GKL32, Charger, 230V, 50/60Hz, charges one battery with 5-pin charging socket.	365.00
	832118	GKL235, Charger for CS35 batteries GEB235 & GEB236, AC/DC adaptor GEV280-x not included.	490.00

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Accessories Geomatics



926459	GKL260 Multi-Bay Charger for GEB260	660.00
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948756	GEV243, Charger for GEB371/373 external battery or power supply for GR receiver, for indoor use only, input 100V-240VAC 50-60HZ, output 24VDC, cable with 5-pin Lemo to connect to receiver or battery.	340.00
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Professional 1000



Article	Description	Market List Price
822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.	103.00



832115	GEV280-3, AC/DC Adaptor, US, Power Supply for CS35 Tablet.	188.00
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AC/DC-Adapter



Article	Description	Market List Price
733254	AC/DC-Adapter for GKL211, GKL112, EU.	39.50



733272	AC/DC-Adapter for GKL211, GKL112, US.	39.50
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733273	AC/DC-Adapter for GKL211, GKL112, UK.	39.50
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Accessories Geomatics



733274 AC/DC-Adapter for GKL211, GKL112, AUS.

39.50

Batteries

Internal Batteries





	Article	Description	Market List Price
	733270	GEB221, Lithium-Ion battery, 4Ah, rechargeable. To be used with TPS1200 and GPS1200 series.	365.00
	772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.	245.00
	954518	GEB334 Battery int Li-Ion 10.8V/3450mAh	290.00
	954519	GEB364 Battery int Li-Ion 11.1V/7000mAh	450.00
	832119	GEB235, Lithium-Ion battery, 10.8V/4.1Ah, chargeable for CS35.	370.00
	832120	GEB236, Lithium-Ion battery, 10.8V/8.7Ah, chargeable for CS35. High corner guards attached for mounting to a GHT78.	460.00
	667123	Plug-in Camcorder battery GEB121, NiMH, 6V/3.6Ah, rechargeable (for TPS1100 / RCS1100 and GPS500/GS50).	300.00

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	667318	Plug-in Camcorder battery GEB111, NiMH, 6V/1.8Ah, rechargeable (for T100,TPS300 RCS1100)	210.00
	925663	GEB260 Battery int Li-Ion for CS30/CC170	285.00
	971702	GEB223 Battery int Li-Ion 7.2V/6400mAh	395.00
	971703	GEB243 Battery int Li-Ion 14.4V/6400mAh	520.00

External Power Supply

	Article	Description	Market List Price
	905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, multilingual, included	810.00
	807696	GEV270 Power supply unit for TPS/GPS/ DNA, for indoor use only. Input 90-264 VAC to output 13.2VDC 40W, with Lemo connection for power cables.	360.00
	439038	Car battery cable 4m, to connects 12V car battery.	440.00

Cables

External Battery

	Article	Description	Market List Price
	409678	Battery cable GEV52, 5-pole, for small battery GEB70 and large battery GEB71	215.00
	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.	260.00
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.	260.00
	733298	GEV172, 2.8m Y-cable, connects GPS Receiver with two external power supplies.	340.00
	756365	GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery.	530.00
	748418	GEV205, 1.8m Y-Cable for GPS900 reference station. Connects ATX900 GPS antenna with a GEB171 external battery and a radio in a Leica GFU radio housing.	530.00
	796492	GEV264, 1.8m Y-cable for RTK reference setup, connects GS14 receiver and GFU modem with external battery GEB371.	530.00
	793364	GEV261, Y-cable, 1.8m, connects TS/MS60/ TM50/GS - Battery - USB or RS232.	705.00

Car Battery

Article	Description	Market List Price
439038	Car battery cable 4m, to connects 12V car battery.	440.00



PC-RS232 Port

Article	Description	Market List Price
563625	Data transfer cable Lemo 0/RS232 (9-pin, female, 2m) for connecting PC, laptop etc.	174.00



734698	GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.	530.00
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733280	GEV160, 2.8m Data transfer cable, connects GPS1200 or RX1220 to PC (9-pin RS232 serial).	174.00
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733282	GEV162, 2.8m Data transfer cable, for RX port. Lemo to 9 pin RS232 connector. Connects GPS Receiver to PC for data transfer, firmware upload etc.	260.00
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733297	GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.	605.00
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	767803	GEV231, cable to configure the SLR radio modules (Satellite and Pacific Crest). Connects radio module to PC (RS232) and to GEB171 battery.	705.00
	759257	GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.	530.00
	793364	GEV261, Y-cable, 1.8m, connects TS/MS60/ TM50/GS - Battery - USB or RS232.	705.00

PC-USB Port

	Article	Description	Market List Price
	806093	cable Lemo to USB connector, 2.0m. Connects DNA and TPS except TM/TS30 to PC for data transfer.	260.00
	806094	GEV268, Data transfer cable, converter cable Lemo to USB connector, 2.0m. connects GNSS receiver to PC.	260.00
	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.	260.00
	767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.	275.00
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.	44.50

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Accessories Geomatics



793364	GEV261, Y-cable, 1.8m, connects TS/MS60/ TM50/GS - Battery - USB or RS232.	705.00
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879372	GEV284 ,USB 3.1 Type A to C Cable 3A, length 1.5m	47.00
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CS10/15/20



Article	Description	Market List Price
756367	GEV217, Data transfer cable, connects RX1250 to TPS1200, 1.8m.	260.00



767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.	275.00
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772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.	260.00
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External Antenna



Article	Description	Market List Price
772002	1.2m external antenna cable connects GS05 or GS06 to the external antenna AS05.	174.00

TCPS



Article	Description	Market List Price
771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.	705.00

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734697	GEV186, Y-cable, connects RX1200 or TCPS27 to TPS1200 and external battery, 1.8m.	530.00
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Satellite 3AS



Article	Description	Market List Price
639968	1.8m Cable, 15 pin RS232 to 8 pin LEMO. Connects Satellite 2ASxm2 radio modem to GPS receiver. Only required if housing not used.	310.00



817713	GEV275 Datacable 1.8m, connects Satellite HPR UHF-radio with GS sensor.	400.00
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811818	GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711.	440.00
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809028	GEV272, connects HPR2 Satel radio to GVP711 battery softbag with SAE connector.	360.00
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982339	GEV300, Power cable that allows powering Satel HPR4 from the GVP711 battery soft bag.	560.00
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982338	GEV301, Programming cable that allows a Satel HPR radio to be programmed by a PC using the USB port.	340.00
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809029	GEV273, cable Lemo and RS232 connection, for programming a HPR2 Satel radio.	340.00
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762026	GEV221, Y-cable, connects Satelline 3AS Epic Pro radio to System 1200 GPS receiver and 12V car battery.	530.00
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799776	GEV266, 1.8m Cable to connect Satelline High Power Radio to GS14 GNSS Receiver.	310.00
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GFU Modem

Article	Description	Market List Price
748418	GEV205, 1.8m Y-Cable for GPS900 reference station. Connects ATX900 GPS antenna with a GEB171 external battery and a radio in a Leica GFU radio housing.	530.00
767898	GEV233, cable connects GS10/GS15 Port2 to System1200 GFU devices, length 0.8m	360.00
767897	GEV232, cable connects GS10/GS15 Port to System1200 GFU devices, length 2.8m	440.00
796492	GEV264, 1.8m Y-cable for RTK reference setup, connects GS14 receiver and GFU modem with external battery GEB371.	530.00



External Modem

Article	Description	Market List Price
563809	Cable for connecting CR344 GPS Controller to a radio modem for DGPS operations. Lemo 8 pin to 9 pin RS232.	167.00



PPS/Event

Article	Description	Market List Price
667744	PPS output cable for GPS System 500, SR530/MC500/RS500, 2m long, connects GPS sensor time mark output to another device.	174.00
403448	2m cable, connects GPS sensor time mark output or event input to another device, connects EDM frequency Sensor to frequency meter.	174.00
789061	Event cable for GR25 with Lemo.	275.00





External GNSS Antenna

Article	Description	Market List Price
667200	1.2m antenna cable.	87.00
724969	GEV194, 1.8m antenna cable, To be used for balanced all-on-the-pole setup.	130.00
636959	2.8m antenna cable.	139.00




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	632372	10m antenna cable.	174.00
	632390	30m antenna cable.	525.00
	664813	50m antenna cable.	890.00
	667201	1.6m extension for antenna cable.	87.00

Other Cables

	Article	Description	Market List Price
	722411	ASSEMBLY, CABLE, +12 VDC POWER, 5 PIN LE	163.00
	743389	GEV197, 2.8m Y-cable. Connects ATX antenna to PC for data transfer (Lemo 8 pin to RS232 9 pin female), and to external power supply (Lemo 5 pin).	640.00
	750073	GEV212, Interface Cable, 5m, TruRover unterminated, connects TruRover to a custom installation.	156.00
	808333	Y-cable for Leica ComGate, 2m, connects Leica MS50/TS50/TM50/MS60/TS60 to USB port on ComGate with open ended wires for power supply and RS232	395.00



833864 GEV277, cable for using a GEB371 as Uninterruptible Power Supply (UPS).

505.00

HxGN SmartNet Global



SmartNet+

Article	Description	Market List Price
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.	4,090.00

SmartNet+ State/Region

Article	Description	Market List Price
5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.	2,730.00

SmartNet+ PNA State/Sub-Reg/Area

Article	Description	Market List Price
5311542	1yr HxGNSmartNet+ PNA State/Sub-Reg/Area	1,770.00

SmartNet Pro

Article	Description	Market List Price
5310899	1year HxGN SmartNet Pro Includes access to Network RTK correction services, RTK bridging to fill interruptions and global PPP with no dependency on RTK coverage.	4,995.00

SmartNet PPP

Article	Description	Market List Price
5310900	Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.	1,420.00

SmartNet PPP Trial

Article	Description	Market List Price
5311280	1month HxGN SmartNet PPP Trial	275.00

HxGN SmartNet US/CA



NRTK Nationwide

Article	Description	Market List Price
5305427	1mth SmartNet NRTK Nationwide	955.00
5303420	3mth SmartNet NRTK Nationwide	2,075.00
5303421	6mth SmartNet NRTK Nationwide	3,165.00
5303302	1yr SmartNet NRTK Nationwide	4,995.00
5303910	2yr SmartNet NRTK Nationwide	8,690.00
5303911	3yr SmartNet NRTK Nationwide	12,465.00
5307734	5yr SmartNet NRTK Nationwide	17,975.00

NRTK Regional

Article	Description	Market List Price
5306220	1yr SmartNet NRTK Regional	4,090.00
5306222	1mth SmartNet NRTK Regional	820.00
5306223	3mth SmartNet NRTK Regional	1,800.00
5306224	6mth SmartNet NRTK Regional	2,705.00
5306225	2yr SmartNet NRTK Regional	7,410.00
5306226	3yr SmartNet NRTK Regional	10,220.00

NRTK State/Sub-Reg/Area

Article	Description	Market List Price
5005256	1wk SmartNet NRTK State/Sub-Reg/Area	295.00
5303425	1yr SmartNet NRTK State/Sub-Reg/Area	2,730.00
5303426	3mth SmartNet NRTK State/Sub-Reg/Area	1,200.00
5303427	6mth SmartNet NRTK State/Sub-Reg/Area	1,800.00
5305442	1 yr SmartNet NRTK Texas	1,420.00
5305445	1 mth SmartNet NRTK State/Region.	545.00
5307928	1yr SmartNet NRTK PNA State/Sub-Reg	1,420.00
5308200	1yr SmartNet NRTK CNA State/Sub-Reg	2,050.00
5308549	3yr SmartNet NRTK State/Sub-Reg/Area	6,815.00
5308551	5yr SmartNet NRTK State/Sub-Reg/Area	10,210.00
5311447	2yr SmartNet NRTK State/Sub-Reg/Area	4,940.00
5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.	2,730.00

GS05 NRTK

Article	Description	Market List Price
5312575	SmartNet NRTK GS05 1 yr Yearly subscription to nationwide Network RTK corrections for GS05 Sensor only. The subscription includes Network RTK access through Sensor ID only and 500 hours of RINEX download.	2,835.00

RINEX

Article	Description	Market List Price
5310834	1 yr SmartNet RINEX 100h	545.00
5310835	1 yr SmartNet RINEX 500h	1,420.00
5310836	1 yr SmartNet RINEX 1000h	2,620.00
5310837	1 yr SmartNet RINEX 2500h	6,415.00
5310838	1 yr SmartNet RINEX 5000h	13,060.00
5310902	1 yr SmartNet RINEX 10000h	24,570.00

Asset Collection

Article	Description	Market List Price
5303312	1 yr SmartNet DGNSS Unlimited	1,275.00
5306967	1yr SmartNet GIS Nationwide	5,000.00
5307053	1yr SmartNet GIS State/Sub-Reg/Area	2,730.00

Zeno

Article	Description	Market List Price
5307099	1yr SmartNet Zeno Nationwide	3,275.00
5307100	1yr SmartNet Zeno State/Sub-Reg/Area	2,180.00

Subscription

Core



Article	Description	Market List Price
5311646	GeoCloud Drive Subscription 1yr Yearly subscription for cloud storage within the HxGN GeoCloud portal. The subscription includes 25GB storage and 1 user.	168.00

Options

Article	Description	Market List Price
5311647	GeoCloud Drive add User Subscription 1yr Yearly subscription to extend a cloud storage within the HxGN GeoCloud portal by 1 user and 25GB storage.	168.00
5311648	GeoCloud Drive add Data Subscription 1yr Yearly subscription to extend a cloud storage within the HxGN GeoCloud portal by 100GB.	335.00

TPS, GNSS & Dig.Level

Various Trade Products



Local Products US/CA

Training Articles

Article	Description	Market List Price
5002280	Geomatics training and/or installation first day (Includes expenses).	4,200.00
5002281	Geomatics training and/or installation additional day (includes expenses).	1,500.00
5004581	Online Class - Infinity - General Surveying (2 hrs).	375.00
5004582	Virtual Classroom – Leica Infinity Level Processing	375.00
5004583	Online Class - Field to Office Workflow with the MultiStation (2hours)	375.00
5004585	Virtual Classroom – Captive Road Stakeout	375.00

TPS, GNSS & Dig.Level

Various Trade Products



5004590	Virtual Classroom – Field-to-Office Workflow (C3D).	375.00
5005101	Geomatics Online hourly rate is minimum 2 hours	225.00
5005102	Geomatics Training	2,495.00
5005108	Virtual Classroom Field-To-Office Work Flow for Bentley Systems	375.00
5005109	Virtual Classroom Infinity – GNSS Post Processing	375.00

LA1ZO (Rail)

Article	Description	Market List Price
867022	TRT Complete Assembly, incl. base & arm section, 3 quick connect and 1 magnetic ref. target and carrying case.	3,700.00
867032	TRT Base Section only (does not include reference targets).	1,680.00
867033	TRT Arm Section only (does not include reference target).	1,055.00

TPS, GNSS & Dig.Level

Various Trade Products

- when it has to be **right**



867035	Reference Target assembly with quick connect pin base (connects to TRT base and arm sections).	115.00
867036	Reference Target assembly with magnetic base (attaches to rail car).	130.00
867038	TRT Carry Case, black, with molded foam insert.	360.00
867107	SafeLoad® Plus Software (For use with laser or manual measurements).	18,900.00
867112	Tripod mounting bracket for Panasonic Toughpad or CS35	315.00
867113	Carry case for Panasonic Toughpad or CS35 plus Compact Reference Target (CRT) kit.	125.00
878930	Upgrade from Core V1 to Core V2/System	3,950.00
878931	V2 Profile Plotting, Auto Mirror	750.00
5309674	Annual Maint. Profile Plot, Auto Mirror	590.00

TPS, GNSS & Dig.Level

Various Trade Products



5309677	Annual Maintenace for Core V2	495.00
8249505	Track Prism Adapter/ Leica Tip	210.00
8249831	21601 Amberg IMS Survey Add-On	5,775.00
8249839	11051 Amberg Rail System Training - 5	8,400.00
8249840	10502 Amberg Mobilization/Expenses	1.00
8249896	21135 Tad TPS Adapter for Total Station	755.00
8249898	11202 TAC GS14/15/16/18 Adapter Power	295.00
8249906	Annual Maintenace for Core V2	520.00
8249907	V2 Profile Plotting, Auto Mirror	4,150.00

TPS, GNSS & Dig.Level

Various Trade Products



8249908	Annual Maint. Profile Plot, Auto Mirro	830.00
8249975	20015 CF-19-20 Power Plug US	7.30
8249976	16826 Flip lid for Lemo socket 0B	11.55
8249981	Cable Mantle 125cm TGS FX	30.00
8249982	Brake Cable for TGS FX	20.00
8249983	30mm Gauge Wheel Kit, PET, TGS FX	350.00
8249984	40mm Gauge Wheel Kit, Steel, TGS FX	410.00
8249985	Isolation Foil for TGS FX Mounting Joint	25.00
8250006	21603 Amberg Survey IMS3000 Package	245,595.00

TPS, GNSS & Dig.Level

Various Trade Products



8250018	20880 Profiler 6012M-2D Laser System	90,930.00
8250022	20879 Profiler 6012 2D Laser Scanner Sys	83,370.00
8250026	20477 Tamping GRP3000 System	84,650.00
8250029	20478 Tamping GRP1000 Systems PKG	63,230.00
8250041	20474 Slab Track GRP1000 System	57,875.00
8250042	21144 Survey TGR GRP1000 Sys	50,420.00
8250045	21952 Amberg Survey Relative TGR	48,300.00
8250047	21015 GRP TSC+ Tachymeter Trolley Sys	43,785.00
8250098	21436 KNL1010/3010 Charger Set	255.00

TPS, GNSS & Dig.Level

Various Trade Products



8250134	21342 USB Software Dongle-Green	295.00
8250135	11033 Amberg Survey Basic	2,510.00
8250136	11022 Upgrade SEN&ProcControl GRP1000	6,720.00
8250137	21988 ProControl IMS	13,390.00
8250138	21893 Amberg IMS GNSS Add On	10,500.00
8250147	Amberg Clearance Plus	33,495.00
8250148	Amberg GRP TSC Tachymeter Trolley Sys	29,085.00
8250149	Profiller 110 FX incl Accessories	23,415.00
8250150	Sen&ProControl IMS	26,775.00

TPS, GNSS & Dig.Level

Various Trade Products



8250151	UPG. Clearance Basic to Plus	18,900.00
8250152	AMU 1030 Service and Adjustment	12,600.00
8250153	Amberg Clearance Basic	16,275.00
8250156	10473 GRP GF1 Gauging frame	2,920.00
8250158	Upgrade Sen&ProcControl Grp3000 to 5000	14,070.00
8250159	Amberg Clearance Basic Add on Tamping	13,965.00
8250160	GBS5010 Battery System	11,130.00
8250161	20131 GAD 12 KIT	11,445.00
8250164	TGS FX Modification Kit for 200m Track	9,610.00

TPS, GNSS & Dig.Level

Various Trade Products



8250180	Amberg TGR Add-on	6,510.00
8250184	21616 GBS1010 Battery w/Charger	755.00
8250193	10431 USB TGS-OC USB Cable to GRP	55.00
8250194	20882 PWC GEBTGS POWER CABLE	190.00
8250195	20883 PWC GEBCF19/20 Power Cable	190.00
8250196	21030 TAC TS15P110 Pwr Data Cable	190.00
8250212	10755 Amberg "Pay per Inspection Credit"	1,050.00
8250229	CF-20 Panasonic Notebook Set	6,290.00
8250230	TGS-FX Laptop Mounting Tray for CF-20	180.00

TPS, GNSS & Dig.Level

Various Trade Products



8250231	21902 CGW 030 TGS Gauge Wheel PET	235.00
8250232	ProControl IMS Additional License	4,015.00
8250233	Amber IMS Survey Add-on Additional Lic.	1,735.00
8250234	TGR Add-on Additonal License Survey/CLR	1,930.00
8250235	Amberg Rail 3.0 M&S Contract	3,505.00
8250309	TGS FX Guage Wheel Bracket 14mm ToR	190.00
8250522	11219 Gas Spring 150 N for TGS FX	110.00
8250523	21470 Lever Gauge retraction	110.00
8250525	21150 Mod. TGS FX to TGS FX v2014	3,215.00

TPS, GNSS & Dig.Level

Various Trade Products



8250526	21773 Upg. GRP 5000 to IMS 5000	166,425.00
8250578	Amberg Training-- 3 Day work shop	5,040.00
8250599	10986 30mm gauge wheel kit, steel	410.00
8250655	20483 GTB TGS GRP Box 200 mm	4,315.00
8250757	10463 Complete set of PET wheels TGS FX	1,700.00
8250759	10985 40 mm gauge wheel kit	350.00
8250760	10646 Brake cable set for TGS FX	85.00
8250761	10642 TGS FX brake lever	45.00
8250763	10466 CTW 03S TGS - Steel wheel set	3,855.00

TPS, GNSS & Dig.Level

Various Trade Products



8250764	21976 CF-20 Extended Power Pack	1,500.00
8250765	10456 CBR TGS Brake Rubbers Flange Set	175.00
8250766	20735 Brake bracket set for TGS FX	400.00
8250767	21877 Rocker - TGS FX - v2017	945.00
8250768	21718 Guide wheel rockers ceramics v2017	75.00
8250769	10636 Latching knob for TGS FX push bar	70.00
8250857	21245 PET wheel set for TGS FX w rocker	1,700.00
8250938	Amberg Slab Track Plus	10,580.00
8250940	21090 Amber TGR Add-on SlabTrack/Tamping	875.00

TPS, GNSS & Dig.Level

Various Trade Products



8250942	10414 GPC100 Prism Column	2,050.00
8250943	10771 Adapter Cable Long	190.00
8250945	21246 Steel Wheel Set with Rocker	2,805.00
8250947	10464 PET Wheel w/Flange	610.00
8250959	11035 Replacement Dongle	230.00
8251048	10630 TGS FX Internal batt.cable w/plug	115.00
8251138	Amberg Clearance IMS5000 excl scanner	237,195.00
8251139	TGE 1668 TGS FX Gauge Extension	1,405.00
8251140	GBS3010 Battery System w/charger v.2016	4,830.00

TPS, GNSS & Dig.Level

Various Trade Products



8251141	TGTAC TS50 Power Data Cable Leica	210.00
8251142	TCC100 Profiler 100/110 PWR DATA Cable	190.00
8251185	Amberg Rail Individual Training Day	1,680.00
8251192	10634 Odometer sensor for TGS FX	195.00
8251288	GTB TGS - GRP Transport box, yellow	2,835.00
8251308	21894 IMS GNSS Add On Add License	3,150.00
8251335	11006 GRP1000 Sys. Service and Adj. PKG	3,215.00
8251336	21296 Sys. Service and Adj. PKG	4,955.00
8251337	21810 IMS5000 Sys. Service and Adj. PKG	6,470.00

TPS, GNSS & Dig.Level

Various Trade Products



8251410	10413 TCC100 PFR100/110 FX-TGS Cable	190.00
8251412	10415 10415 GPA100 Prism Adapter	105.00
8251413	10419 TGE 1435 TGS FX Gauge EXT 1435mm	1,405.00
8251414	10425 GTB P100-Profiler 100/110 Case	0.01
8251415	10647 Allen Driver 6mm TGS FX	25.00
8251416	10649 Circlip Pliers for TGS FX	45.00
8251429	10689 Brass Adapter, Standard	25.00
8251432	15604 LED Working Light GLT100 TGS FX	500.00
8251433	16507 Cylinder Screw M4x12	0.01

TPS, GNSS & Dig.Level

Various Trade Products



8251443	17203 GWP030 Gauge Wheel Prot. 30mm	65.00
8251445	21282 PET Wheel w/o Flange TGS FX v2	665.00
8251446	21290 PWC TGSAMU PWR CableTGS FX	195.00
8251447	21291 TAC AMUCF19/20 Data Cable	190.00
8251448	21292 TAC TGSAMU-Data Cable TGS FX	295.00
8251449	21886 TGS Adapter Plate Two Wheel	0.01
8251452	21895 IMS GNSS Acc. Set for GRP	5,725.00
8251453	21907 TGS FX Two-Wheel-Part Base 1100mm	0.01
8251454	21937 GAP GNSS Ant Pole V2017	2,805.00

TPS, GNSS & Dig.Level

Various Trade Products



8251455	22039 AMU 2030	0.01
8251457	10991 Amberg Fidelity Power User Set	6,125.00
8251479	21539 CBR TGS Brake Rubbers Rocker Set	175.00
8251480	21295 1000/3000 System Adjustment	4,555.00
8251485	22045 PWR Cable TGS FX AMU2020/30	280.00
8251486	22046 Data Cable TGS FX AMU2020/30	280.00
8251695	21403 GNSS Accessory set for GRP System	5,725.00
8251696	22334 Rail System Training Web 2hr	650.00
8251809	20105 Amberg Tamping Plus Add. Lic.	4,870.00

TPS, GNSS & Dig.Level

Various Trade Products



8251810	20102 Amberg Slab Track Plus Add. Lic.	2,770.00
8251811	21390 USB Software Dongle Black	410.00
8251813	10628 USB Socket for TGS FX	140.00
8251826	10467 Cyl. Wheel with Flange TGS SS	1,460.00
8252134	Amberg Rail 3.0 M&S Reinstatement	2,100.00
8252151	20897 TGS FX Sensor Board	2,165.00
8252152	22300 USB Cable to GRP System FX	285.00
8252153	22299 USB Connection Socket Type B	165.00
8252157	21095 Amberg Rail - Additional License	1,995.00

TPS, GNSS & Dig.Level

Various Trade Products



8252178	21571 GBS 1010 Battery System	545.00
8252179	20100 Amberg Clearance Basic Add. Lic.	4,870.00
8252204	16941 Contact strip 6pole, Odometer	15.00
8252264	SafeLoad Sync License Module	2,050.00
8252265	SafeLoad Sync Opt. Annual Software Mnt	410.00
8252386	21247 Brake Bracket Set	400.00
8252388	17405 CGW-0195 TGS Gauge Wheel Steel	75.00
8252481	20693 Amberg Add-on Track Geometry Rec	2,940.00
8252482	22286 SenControl IMS Absolute software	3,350.00

TPS, GNSS & Dig.Level

Various Trade Products



8252514	3-Day Safeload Training At Customer	7,875.00
8252515	2-Hour Safeload Virtual Training	390.00
8252768	LGS Rail Technician Hourly Rate	210.00
8252769	LGS Rail Amberg Specialist Hourly Rate	315.00
8252770	LGS Amberg Training-Support Remote 2hr	650.00
8252771	LGS Amberg Training-Support Onsite Daily	1,890.00
8252836	22057 Amberg Tamping IMS3000 Package	256,620.00
8252837	21647 GEB3010 Battery Module	3,100.00
8252838	21847 Amberg Rail Add. Lic IMS1000/3000	5,775.00

TPS, GNSS & Dig.Level

Various Trade Products



8252839	Amberg M&S 3 Year Extension (3 Dongle)	16,630.00
8252840	Amberg M&S 2 Year Extension (1 Dongle)	6,235.00
8252841	Amberg M&S 3 Year Extension (1 Dongle)	8,315.00
8252842	Amberg M&S 4 Year Extension (1 Dongle)	10,050.00
8252843	Amberg M&S 5 Year Extension (1 Dongle)	11,435.00
8252844	Amberg M&S 1 Year Extension (2 Dongle)	5,200.00
8252845	Amberg M&S 2 Year Extension (2 Dongle)	9,355.00
8252846	Amberg M&S 3 Year Extension (2 Dongle)	12,475.00
8252847	Amberg M&S 4 Year Extension (2 Dongle)	15,075.00

TPS, GNSS & Dig.Level

Various Trade Products



8252848	Amberg M&S 5 Year Extension (2 Dongle)	17,150.00
8252849	Amberg M&S 1 Year Extension (3 Dongle)	6,930.00
8252850	Amberg M&S 2 Year Extension (3 Dongle)	12,390.00
8252851	Amberg M&S 4 Year Extension (3 Dongle)	20,095.00
8252852	Amberg M&S 5 Year Extension (3 Dongle)	22,870.00
8252952	21971 Amberg Field Softkey License	295.00
8252953	10586 Amberg GRP1000 1 yr Warranty Ext	4,200.00
8252954	10588 Amberg GRP3000 1 yr Warranty Ext	5,605.00
8252955	10590 Amberg GRP5000 1 yr Warranty Ext	4,905.00

TPS, GNSS & Dig.Level

Various Trade Products



8252956	21945 Amberg IMU 1 yr Warranty Ext	7,875.00
8252957	22199 Amberg Survey IMS 1000-2010 SYS	96,390.00
8252958	22200 Amberg Survey IMS 3000-2010 SYS	112,770.00
8252959	22201 Amberg Tamping IMS 1000-2010 SYS	104,055.00
8252960	22202 Amberg Tamping IMS 3000-2010 SYS	120,435.00
8252961	22054 Amberg Survey IMS 1000-2030 SYS	215,145.00
8252962	22056 Amberg Tamping IMS 1000-2030 SYS	223,915.00
8252963	22055 Amberg Survey IMS 3000-2030 SYS	236,145.00
8252964	21243 CTW 01-2 PET Wheel W/O Flange	665.00

TPS, GNSS & Dig.Level

Various Trade Products



8253006	10258 Profiler Holder for Prism Adapter	105.00
8249897	20728 AT Hardware	1,285.00
8254433	21018 Extra Costs GRP Steel Wheel Config	2,155.00
8254435	GTB TGS 200 - GRP Transport box Sub	1,305.00
8254437	22399 TGS adapter plate for GRP/IMS GNSS	675.00
8254440	Amberg Tamping GRP3000 System Modified	84,650.00
8255068	Amberg M&S 5 year, 5 dongle	34,305.00
8252405	11079 Antenna Cable TNC Plug for TGS FX	170.00
8255342	22094 Amberg Survey GRP 3000 System Pk.	65,625.00

TPS, GNSS & Dig.Level

Various Trade Products



8255341	CTW 01 TGS-PET Wheel w/o Flange for TGS	665.00
8255590	22384 Amberg AMU 2030 Accessories Kit	134,925.00
8255605	20891 AS P6012 - GRP/IMS 5000 Accessory	1,850.00
8255606	10420 Gauge extension 1520mm	1,830.00
8255602	21411 Power switch for GBS 3010 batt.Sys	65.00
8250939	10966 Amberg Tamping Plus	16,275.00
8255797	22344 Amberg Tamping IMS 3000-2000 PKG	256,620.00
8255972	20979 VMS/IMS 3000-RT Target	125.00
8255006	22293 SenControl IMS absolute	8,700.00

TPS, GNSS & Dig.Level

Various Trade Products



8255939	23003 - GCB 200 System acc. backpack	65.00
8255940	Mains adapter for CF-19 / CF-20	125.00
8255941	Battery Charger for CF-19 and CF-29/30/3	310.00
8255942	21369 Lettering "GRP 3000 IMS"	10.40
8255943	21435 Battery Charger KNL 1010/3010	185.00
8255944	Amberg Rail Base software license	0.10
8255945	Amberg IMS Survey Add-on software lic	4,330.00
8255947	21648 GBC 3010 Battery column	1,695.00
8255948	21885 Micro SD Card (microSDXC 256GB)	105.00

TPS, GNSS & Dig.Level

Various Trade Products



8255949	20796 USB Memory Stick, AT labelled incl	15.00
8255950	20019 SenControl GRP 3000 - Sensor soft	5,630.00
8255951	10426 TGS adapter base plate for TGS two	875.00
8255952	22686 Panasonic FZ-G2-AR1 Notebook Set	5,660.00
8255953	Panasonic 4-bay battery charger for FZ-G	475.00
8255954	Panasonic Car Charger Adaptor for FZ-G2	255.00
8255955	Panasonic Battey 6'300mAh for Toughbook	280.00
8255956	Panasonic Display protector Toughbook	160.00
8255957	Panasonic Stylus Pen for FZ-G2	70.00

TPS, GNSS & Dig.Level

Various Trade Products



8255958	Panasonic Tether Bungee cable Stylus	50.00
8256477	10629 TGS FX Battery compartment plate	345.00
8256458	17240 Protection Bracket for GEB3010	75.00
8256459	16727 Bow type Handle for GEB3010	30.00
8256460	17247 TGS FX Dovetail Plate GBC 5000/GBC	115.00
8255946	22886 Amberg Clearance IMS 5000-2030	190,890.00
8256292	22876 Amberg Profiler 6020	77,585.00
8256293	22883 AS P6020-GRP/IMS Accessory	3,085.00
8256852	20773 GEB 5010 Battery for GBC 5000	4,965.00

TPS, GNSS & Dig.Level

Various Trade Products



8256853	22220 CGW 040C TGS Gauge Wheel	1,070.00
8255729	10426 TGS adapter base plate Eccentric	1,345.00
8230642	FG4607+ 7db antenna 10" HT	650.00
8252387	15620 TGS FX Gauge Wheel Grooved	1,230.00
8252925	21826 Panasonic battery charger CF-20	0.00
8252926	10190 Panasonic 12v car charger	0.00
8255007	10421 TGE 1600 - TGS FX Gauge extension	1,405.00
8255974	10983 CTW 03T14 Steel Wheels TGS	3,855.00
8255975	10996 Brass Adapter	105.00

TPS, GNSS & Dig.Level

Various Trade Products



8255976	21519 Geometrical Inspection	640.00
8255995	21611 TGS FX Brake return lever inside	125.00
8255996	10643 Cable mantle 47cm with 2 end caps	30.00
8255997	16859 Brake cable for TGS FX - single	20.00
8256205	Programming Adapter EPIC, NARS-1F-4A	130.00
8256946	22463-TGS FX Spacer Brake Bracket for 20	60.00
8256956	22957-TGS Brake Pad Holder Set	195.00
8256957	22405-TGS FX Brake Bracket for 200mm	605.00
8257274	22929 CTW-02P-TGS-PET Wheel for Std Rail	630.00

TPS, GNSS & Dig.Level

Various Trade Products



8257315	21566 Fuse type 10A F / 250 VAC, 5 x 20	3.15
8257316	20866 Fuse Type 4A F / 250 V AC 5x20mm,	3.15
8257317	20867 Fuse Type 16A F / 250 V AC 5x20mm	5.78
8257333	23502 Amberg Profiler 6020-2 - 2D Laser	79,340.00
8257334	23504 -Upg mberg Profiler 6020 to 6020-2	2,215.00
8252531	10650 Amberg Clamping Wedge	210.00
8257358	20948 Power cable GEB5010 to Profiler	285.00
8257357	20951 KNL 5010 Charger Set for GEB 5010	340.00
8257453	22961 3D MAD Rotation Adapter kit	19,437.00

TPS, GNSS & Dig.Level

Various Trade Products



8257454	23058 GRP-IMS 5000 GHA 200 Stabilization	14,553.00
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8257455	20101 Amberg Clearance Plus - Additional	10,560.00
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LA1ZN

Article	Description	Market List Price
8201249	COMPOSITE BIPOD	400.00

8201641	CABLE ASSY, BAT, SAE, 6'	30.00
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8201642	BATTERY, GEL, FOR BASE STATION	370.00
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8201647	A00454 PDL HPB CABLE	240.00
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8206775	SECO Aluminum Bipod-(105695)	190.00
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8211945	CARRYING BAG, CABLE KIT , FUSE, MANUAL	175.00
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TPS, GNSS & Dig.Level

Various Trade Products



8213894	C02549 PDL Trans. Elevated Feed Antenna	110.00
8215382	CARBON FIBER ROB.POLE 11.81' (5129-72)	455.00
8216459	5191-00 TOPO SHOE	125.00
8216491	Carbon Fiber Pole 5.0 - 8.4 ft w/CH Tip	350.00
8216522	Intuicom 2.5 dB Omni Antenna	55.00
8218019	Orange Tripod Bag	80.00
8219313	Tripod Bracket For Collector	55.00
8219808	TNC M to TNC F Right Angle Adapter	15.00
8219921	Stainless Steel adapter 5/8 to stub	55.00

TPS, GNSS & Dig.Level

Various Trade Products



8223796	TOPO Shoe and Point Combo	105.00
8226383	6402-10 Flo Orange Prism Assembly	130.00
8227489	Carbon Fiber Tripod w/Thumb Release	530.00
8231810	SmartNet NRTK Dealer Demo & Rental Lic.	2,370.00
8232671	SmartNet NRTK Host License	0.01
8238942	Battery Charger	170.00
8238945	Power Cable 4pin ODU to SAE w/Leads	255.00
8239111	ADL Data Power Cable	130.00
8239112	Range Pole Mount	105.00

TPS, GNSS & Dig.Level

Various Trade Products



8239113	ADL Transport Case	240.00
8239114	A01509 ADL Charger	205.00
8240080	900MHZ 5DB Antenna Kit w/20' cable	535.00
8240958	HxGN LIVE 2025 Registration	915.00
8240967	Power Supply--PACCrest	265.00
8242014	TRIPOD W/TELESCOPING MAST & BAG SATEL	610.00
8242247	16 foot, BNC to NMO antenna cable	175.00
8251832	Lumiscale Battery Package	550.00
8249916	5111-04 Quick Release 60mm Anti-Rotation	160.00

TPS, GNSS & Dig.Level

Various Trade Products



8250016	20971 GRP5000 System ex. Scanner	114,450.00
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8250702	Lumiscale Charger	108.10
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8201362	ADAPTER CH PRISM-US POLE	30.00
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TS13AutomatedTPS

Article	Description	Market List Price
6010409	Robotic Accessory Kit w/Hard Case	0.00

6010410	Robotic Acc. Kit w/Case+Tripod(SmarPole)	0.00
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CS20 Captivate Field Controller

Article	Description	Market List Price
6017711	Captivate Subscription Bundle	1,796.50

CS20 ext. Warranty

Article	Description	Market List Price
5306309	4 yr CS20 Ext. Warranty	1,270.00

TPS, GNSS & Dig.Level

Various Trade Products



Captivate Apps for CS3x

Article	Description	Market List Price
962396	Captivate TS12 connection for CS3x/CCx	0.01

MS NOVA ext. Warranty

Article	Description	Market List Price
5306305	3 yr Nova (TS/MS60) Extd. Warranty	2,600.00

5306306	1 yr Ext. Nova (TS/MS60) Extd. Warranty	1,020.00
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GNSS ext. Warranty

Article	Description	Market List Price
5306424	4 yr Viva GNSS (GS1X) Ext. Warranty	1,580.00

LS10/15 ext. Warranty

Article	Description	Market List Price
5307139	4 years LS10/15 Extended Warranty.	1,550.00

Leica TS16

Data sheet



Leica TS16 robotic total station is a self-learning hard worker, just like yourself. It combines the engaging **Leica Captivate field software**, **ATRplus** for a robust targeting performance, **PowerSearch** for prism fast search, a **camera** for image-assisted surveying and documentation. You can keep your instrument safe by adding **LOC8**, our theft deterrence and location solution. **AutoHeight** and the optional **DynamicLock** feature can make your work even more efficient. The TS16 is the key to absolute control over any surveying situation or environmental condition.

LEICA TS16 ROBOTIC TOTAL STATION: SURVEY IT.

- **Best-in-class automated total station for the widest variety of measurement tasks and applications:** including one-person or two-person instrument operation for surveying and stakeout.
- **Topographic surveying to create digital reality for mapping:** control point measurements, adjustments, computations, and data collection with powerful coding and line work routines.
- **Highest efficiency and productivity for stakeout and construction measurements:** stakeout design data, as-built checks, BIM and clearance checks.
- **Site preparation and machine guidance in heavy construction projects:** site control, surveying, layout of design data, as-built checks, machine guidance, and road, rail and tunnel focused workflows.
- **Quick and reliable monitoring of locations, buildings, and objects in real-time in any environment:** perfect for campaign monitoring and scaling up to an automated monitoring solution.

leica-geosystems.com



- when it has to be **right**

Leica
Geosystems

Leica TS16 Total Station

ANGLE MEASUREMENT

Accuracy ¹ Hz and V	■ Absolute, continuous, diametrical	1" (0.3 mgon), 2" (0.6 mgon), 3" (1 mgon), 5" (1.5 mgon)
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DISTANCE MEASUREMENT

Range ²	■ Prism (GPR1, GPH1P) ³ ■ Non-Prism / Any surface ^{4,9}	0.9 m to 3,500 m R500: 0.9 m to >500 m R1000: 0.9 m to >1,000 m
Accuracy / Measurement time	■ Single (prism) ^{2,5} ■ Single (prism fast) ^{2,5} ■ Single (any surface) ^{2,4,5,6}	1 mm + 1.5 ppm / typically 2.4 s 2 mm + 1.5 ppm / typically 1.5 s ¹¹ 2 mm + 2 ppm / typically 2 s ⁷
Laser dot size	At 50 m	8 mm x 20 mm
Measurement technology	System analyser	Coaxial, visible red laser

IMAGING

Overview camera	■ Sensor ■ Field of view ■ Frame rate	5 megapixel CMOS sensor 19.4° Up to 20 frames per second
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AUTOMATIC AIMING - ATRplus

Target aiming range ² / Target locking range ²	■ Circular prism (GPR1, GPH1P) ■ 360° prism (GRZ4, GRZ122)	■ 1,500 m / 1,000 m ■ 1,000 m / 1,000 m
Accuracy ^{1,2} / Measurement time	ATRplus angle accuracy Hz, V	1" (0.3 mgon), 2" (0.6 mgon), 3" (1 mgon), 5" (1.5 mgon) / typically 3-4 s

LASER GUIDE

Spot Size ⁸ / Range	■ Daylight: 30 mm @250 m ■ Darkness: 65 mm @300 m	250 m 500 m
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POWERSEARCH

Range / Search time	360° prism (GRZ4, GRZ122)	300 m / typically 5 s
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GUIDE LIGHT (EGL)

Working range / Accuracy		5 - 150 m / typically 5 cm @ 100 m
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GENERAL

Operating System / Field Software	Windows EC7 / Leica Captivate with apps	
Processor	TI OMAP4430 1GHz Dual-core ARM® Cortex™- A9 MPCore™	
AutoHeight module for automatic instrument height measurement	■ Distance accuracy ■ Distance range	1.0 mm (1 Sigma) 0.7 m to 2.7 m
Display and keyboard	5" (inch), WVGA, colour, touch, face I standard / face II optional	37 keys, illumination
Power management	Exchangeable Lithium-Ion battery	Operating time up to 8 h
Data storage	Internal memory / Memory card	2 GB / SD card 1 GB or 8 GB
Interfaces	RS232, USB, Bluetooth®, WLAN	
Weight	Total station including battery	5.1 - 5.8 kg
Environmental specifications	■ Working temperature range ■ Dust & Water (IEC 60529) / Humidity	-20°C to +50°C IP55 / 95%, non-condensing

LEICA TS16 TOTAL STATIONS	TS16 M	TS16 A	TS16 G ¹⁰	TS16 P	TS16 I
Angular measurement	✓	✓	✓	✓	✓
Distance measurement to prism	✓	✓	✓	✓	✓
Distance measurement to any surface	✓	✓	✓	✓	✓
Automatic target aiming (ATRplus)	✗	✓	✓	✓	✓
Laser Guide	✗	✗	✓	✗	✗
PowerSearch (PS)	✗	✗	✗	✓	✓
Overview camera	✗	✗	✗	✗	✓
Guide Light (EGL)	✓	✓	✗	✓	✓

¹ Standard deviation ISO 17123-3

² Overcast, no haze, visibility about 40 km, no heat shimmer

³ 0.9 m to 2,000 m for 360° prisms (GRZ4, GRZ122)

⁴ Object in shade, sky overcast, Kodak Gray Card (90% reflective)

⁵ Standard deviation ISO 17123-4

⁶ Distance > 500m: Accuracy 4mm+2ppm, Measurement time typ. 6s

⁷ Up to 50m; max. measurement time 15 s for full range.

⁸ Typical laser beam diameter on white, smooth surfaces with intensity 100%

⁹ TS16G R30: 0.9 m to 30 m

¹⁰ Angle accuracies 1" to 3", PinPoint R30 & R1000 variants available

¹¹ Initial measurement time typically 2 s



Laser radiation, avoid direct eye exposure.
Class 3R laser product in accordance with IEC 60825-1:2014.

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Leica
Geosystems

Leica GR30 & GR50

Versatile solutions for today and tomorrow



GNSS Performance

Prepared for the constantly changing requirements of GNSS technology, the GR30 and GR50 reference servers are optimised with multi-frequency, 555 channel capabilities. All GNSS installations are certain of receiving and delivering highly accurate and reliable data – today and tomorrow. Rugged and reliable, the GR-series comes with innovative SmartTrack+ technology, ensuring superior quality data even under the harshest conditions.



Smart and Reliable

From RTK, static networks or single base stations to structural monitoring, atmospheric and seismic studies or offshore positioning; all GNSS applications will find a highly reliable solution in the GR-series reference server. Reliable with highly redundant communication, low power consumption and data logging. Smart because RefWorx software offers the highest versatility.

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Leica GR30 & GR50



GNSS TECHNOLOGY

Leica SmartTrack+

Very low noise GNSS carrier phase measurements (<0.5 mm rms). Signal acquisition < 30 s¹. Industry-leading Pulse Aperture Correlator (PAC) multipath mitigation technology. Advanced RF power spectrum analysis, automatic interference detection with notification and interference mitigation on all GNSS bands.

GNSS Signals²

GPS (L1C/A, L1C, L2P(Y), L2C, L5)³; GLONASS (L1, L2P, L2C, L3)³; Galileo (E1, E5a, E5b, AltBOC, E6); BeiDou (B1I, B1C, B2I, B2a, B2b, B3I)⁴; QZSS (L1C/A, L1C, L2C, L5)³; NavIC L5; SBAS³ (WAAS, EGNOS, GAGAN, MSAS)

Number of channels

555 universal tracking channels

MEASUREMENT PERFORMANCE AND ACCURACY⁵

Code differential

Hz: 0.25 m + 1 ppm / V: 0.5 m + 1 ppm

Site Monitor

RTK Positioning modes:

Reference station
(smoothed)

Monitoring
(instantaneous)

Network RTK
(instantaneous)

Single baseline (< 30 km):

Hz: 6 mm + 1 ppm
V: 10 mm + 1 ppm

Hz: 8 mm + 1 ppm
V: 15 mm + 1 ppm

Hz: 8 mm + 1 ppm
V: 15 mm + 1 ppm

VRS, FKP, iMAX, MAC (RTCM SC 104):

Hz: 6 mm + 0.5 ppm
V: 10 mm + 0.5 ppm

Hz: 8 mm + 0.5 ppm
V: 15 mm + 0.5 ppm

Hz: 8 mm + 0.5 ppm
V: 15 mm + 0.5 ppm

Time for initialisation (typical):

10s

10s

4s

VADASE

Velocity and displacement engine:

Velocity accuracy: Hz: 0.003 m/s, V: 0.005 m/s.
Typical velocity derived displacement sensitivity: Hz: 1 cm/s, V: 2 cm/s

PORTS AND CONNECTORS, COMMUNICATIONS

Ruggedized RJ45 Ethernet / Power over Eth.
Serial RS232 / Slot-In / WLAN or Bluetooth®
USB client (PC or tablet) / USB host (ext. disk)
External oscillator / Event input / PPS Out
Dual-Power Input

1 / -
1 / 1 / -
1 / -
1 / - / -
1

1 / Yes
2 / 1 / 1
1 / 1
1 / 1 / 1
1

Internal removable battery and built-in charger

-

GEB243 (up to 24h backup)

Slot-in communication interface

Exchangeable radio/GSM/GPRS/UMTS/LTE devices supported. Automatic gateway routing provides backup of internet access for continuity of communications.

ELECTRICAL, PHYSICAL AND ENVIRONMENTAL

Power supply

Nominal 24 V DC, range 10.5 – 28 V DC. Two external power inputs.

Power consumption

3.5 W typical, 24 V at 145 mA

3.1 W typical, 24 V at 130 mA

Dimension / weight (with rubber bumpers)

220 x 200 x 94 mm / 1.67kg

220 x 200 x 94 mm / 2.01 kg

Temperature

Operating: -40 to 65 °C, Storage: -40 to 80 °C

Humidity

Up to 100% condensing.
Compliance with ISO9022-13-06, ISO9022-12-04 and MIL-STD-810H 507.6-I

Vibration

Withstands strong vibration during operation.
Compliance with ISO9022-36-08 and MIL-STD-810H 514.8 E-1 Cat.24

Drop

Withstands 1 m drop onto hard surfaces.

Proof against water, sand and dust

IP68 (IEC 60529) and MIL-STD-810H 506.6-I / 510.7-I / 512.6-I.
Dust tight. Protected against water jets.
Waterproof tested up to 1.4 m / 2 h submersion.

GENERAL

User interface

Web Interface for full receiver control and status information.

On / Off and 1x function button
6x LED for power, memory, logging,
RT out, RT in, position

On / Off and 6x button keypad, Display,
7x LED for power, memory, logging,
RT out, RT in, position, Bluetooth®

Data logging

Internal removable SD card up to 32GB. 12 parallel logging sessions with automatic clean-up and VADASE event-based file protection. Data rates up to 50 Hz⁶.
RINEX 2.11/3.xx/4.xx, Hatanaka and Leica MDB formats including zip compression.

Data streaming

Up to 20 parallel data streams with multiple connections. Data rates up to 50 Hz⁶.
Supports Leica, Leica 4G, CMR, CMR+, RTCM v2.1/2.2/2.3/3, BINEX, NMEA 0183 v4 and proprietary formats via TCP/IP, Ntrip, serial, USB and Bluetooth®

RefWorx Web and FTP Services

Full control and configuration of the receiver over a web browser. Internet connection sharing (ICS) using the GR50 as a internet gateway for connected devices.
Ntrip server (source), client and caster functionality with unlimited mount points.
Secure access using HTTPS, SSL/TLS certificates, access management and port blocking.
SFTP/FTP server and client (push), Email notification, SNMP support.

¹ Hot start (typical). Cold start <40 s (typical).

² The tracking capability for a specific satellite system is based on publicly available information. For cases where public information is subject to change or not yet available Leica Geosystems cannot guarantee full compatibility.

³ Hardware ready for: GPS L1P(Y), GLONASS L1P, L5 CDMA, QZSS L6 and SBAS L5 may be provided through future firmware upgrade

⁴ Designed for BeiDou Phase 2, Phase 3 compatibility.

⁵ Measurement precision, accuracy in position and height, reliability and time for initialisation are dependent upon various factors including the number of satellites tracked, the observation time, the ephemeris accuracy, the atmospheric conditions, multipath and resolved ambiguities. Figures quoted are RMS (root mean square) and assume normal to favourable conditions.

⁶ 100Hz ready. Can be provided through future firmware upgrade.

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- when it has to be **right**

Leica
Geosystems

Leica GS18 T

Data sheet



Engaging software

Leica Captivate field software is the perfect companion for the GS18 T. Everything from measuring, viewing, and sharing data is done within one software. Easy-to-use apps and precise 2D views/3D models enable you to understand, create and utilise data effectively. Captivate spans industries and project use cases with little more than a simple tap, regardless of whether you work with GNSS, total stations or both.



Seamlessly share data among all your instruments

Leica Infinity imports and combines data from your GNSS RTK rover, total station, level instruments and laser scanners for one final and accurate result. Processing has never been easier because all your instruments work in tandem to produce precise and actionable information.

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Customer care only a click away

Through Active Customer Care (ACC), a global network of experienced professionals is only a click away to expertly guide you through any challenge. Eliminate delays with superior technical service, finish jobs faster and avoid costly site revisits with excellent consultancy support. Control your costs with a tailored Customer Care Package (CCP), giving you peace of mind you are covered anywhere, anytime.

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GNSS TECHNOLOGY & SERVICES

Self-learning GNSS	Leica RTKplus	Adaptive on-the-fly satellite selection
HxGN SmartNet Global	HxGN SmartNet Pro HxGN SmartNet+ HxGN SmartNet PPP	Network RTK and unlimited worldwide RTK bridging and PPP service Network RTK and RTK bridging service Unlimited worldwide RTK bridging and PPP service
Leica SmartCheck	Continuous check of RTK solution	Reliability 99.99%
Signal tracking	GPS GLONASS Galileo BeiDou QZSS NavIC SBAS TerraStar	L1, L2, L2C, L5 L1, L2, L2C, L3 E1, E5a, E5b, AltBOC, E6 B1I, B1C, B2I, B2a, B3I L1, L2C, L5, L6 ² L5 WAAS, EGNOS, MSAS, GAGAN L-Band, IP
RAIM	Receiver Autonomous Integrity Monitoring	Detection and elimination of faulty satellite signals for enhanced position solution and GNSS integrity
Number of channels		555 (more signals, fast acquisition, high sensitivity)
Tilt compensation	Increased measurement productivity and traceability	Calibration-free, Immune to magnetic disturbances

MEASUREMENT PERFORMANCE & ACCURACY¹

Time for RTK initialisation		Typically 4 s
Real-time kinematic (Compliant to ISO17123-8 standard)	Single baseline Network RTK	Hx 8 mm + 1 ppm V 15 mm + 1 ppm Hx 8 mm + 0.5 ppm V 15 mm + 0.5 ppm
Real-time kinematic tilt compensated	Not for static control points	Additional Hx uncertainty less than 2 mm + 0.3 mm/° tilt down to 30° tilt
RTK bridging	Up to 10 min bridging of RTK outages	Hx 2.5 cm V 5 cm
PPP	Initial convergence to full accuracy typically 10 min, Re-convergence < 1 min	Hx 2.5 cm V 5 cm
Post processing	Static (phase) with long observations Static and rapid static (phase)	Hx 3 mm + 0.1 ppm V 3.5 mm + 0.4 ppm Hx 3 mm + 0.5 ppm V 5 mm + 0.5 ppm
Code differential	DGNSS	Hx 25 cm V 50 cm

COMMUNICATIONS

Communication ports	Lemo Bluetooth® WLAN	USB and RS232 serial Bluetooth® v4.0 (BLE & BR/EDR), class 1.5 802.11 b/g/n for field control communication only
Communication protocols	RTK data protocols NMEA output Network RTK	Leica, Leica 4G, CMR, CMR+, RTCM 2.2, 2.3, 3.0, 3.1, 3.2 MSM NMEA 0183 v4.00 & v4.10 and Leica proprietary VRS, FKP, iMAX, MAC (RTCM SC 104)
Built-in LTE modem ³	LTE frequency bands UMTS frequency bands GSM frequency bands	20,8,3,1,7 1,2,3,4,5,7,8,12,13,18,19,20,26,28,38,40,41,66 13,17,5,4,2 19,3,1 8,3,1 5,4,2 6,19,1 900,1800 850,900,1800,1900 MHz
Built-in UHF modem ⁴	Receive & transmit UHF radio modem	403 – 473 MHz, channel spacing 12.5 kHz, 20 kHz, 25 kHz, max. 1 W output power up to 28800 bps over air or 902 – 928 MHz (licence free in North America), max. 1 W output power

GENERAL

Field controller and software	Leica Captivate software	Leica CS20 field controller, Leica CS30 & CC180 & CC200 tablets
User interface	Buttons and LEDs Web server	On / Off and Function button, 8 status LEDs Full status information and configuration options
Data recording	Storage Data type and recording rate	Internal memory up to 4 GB, Removable SD card Leica GNSS raw data and RINEX data at up to 20 Hz
Power management	Internal power supply External power supply Operating time ⁵	Exchangeable Li-Ion battery (2.8 Ah / 11.1 V) Nominal 12 V DC, range 10.5 - 26.4 V DC Typical time up to 8 h
Weight and dimensions	Weight Dimensions	1.23 kg / 3.53 kg standard RTK rover setup on pole 173 mm x 173 mm x 109 mm
Environmental	Temperature Drop Proof against water, sand and dust Vibration Humidity Functional shock	-40 to +65°C operating, -40 to +85°C storage Withstands topple over from a 2 m survey pole onto hard surfaces IP66 IP68 (IEC60529) MIL STD 810G CHG-1 510.6 I MIL STD 810G CHG-1 506.6 II MIL STD 810G CHG-1 512.6 I) Withstands strong vibration (ISO9022-36-08 MIL STD 810G 514.6 Cat.24) 95% (ISO9022-13-06 ISO9022-12-04 MIL STD 810G CHG-1 507.6 II) 40 g / 15 to 23 msec (MIL STD 810G 516.6 I)

LEICA GS18 T GNSS RTK ROVER	PERFORMANCE	UNLIMITED
SUPPORTED GNSS SYSTEMS		
Multi-frequency	✓	✓
GPS / GLONASS / Galileo / BeiDou / QZSS	✓ / . / . / . / .	✓ / ✓ / ✓ / ✓ / ✓ / ✓
RTK PERFORMANCE		
DGPS/RTCM, RTK Unlimited, Network RTK	✓	✓
HxGN SmartNet Global	.	.
POSITION UPDATE & DATA RECORDING		
20 Hz positioning	✓	✓
Raw data / RINEX data logging / NMEA out	✓ / . / .	✓ / ✓ / ✓ / ✓
ADDITIONAL FEATURES		
Tilt compensation	✓	✓
RTK reference station functionality	✓	✓
LTE Phone / UHF Radio (receive & transmit) modem	✓ / .	✓ / .
		✓ Standard · Optional

¹ Measurement precision, accuracy, reliability and time for initialisation are dependent upon various factors including number of satellites, observation time, atmospheric conditions, multipath etc. Figures quoted assume normal to favourable conditions. A full BeiDou and Galileo constellation will further increase measurement performance and accuracy.

² QZSS L6 will be provided through future firmware upgrade.

³ Depending on version. In order Europe (SN < 4912000) | Worldwide (SN >= 4912000) | NAFTA | Japan version

⁴ Available for the GS18 T UHF variants only.

⁵ Might vary with temperature, age of battery, transmit power of data link device and use of wireless communication devices.