Leica Geosystems Pricebook
TPS, GNSS & Dig.Level

PART OF
HEXAGON

- when it has to be **right**

Leica
Geosystems

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
GS07 GNSS
GS16/GS18 GNSS
GS10/25 GNSS
GNSS Accessories and Active Customer Care
CS20 Captivate Field Controller
CS30 Captivate Tablet Controller
CS35 Captivate Tablet Controller
TS15 Automated TPS
Infinity Office SW
Leica Geo Office SW
LISCAD Office SW
Bernese SW
LS10/15 Digital Level
Accessories Geomatics
Trusted Services
HxGN SmartNet
Various Trade Products
Demo Licenses
Demo Packages
Legacy Product SW, CCP's and Parts

FlexLine plus Instruments

TS03

Article	Description
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.
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.
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.

TS07

Article	Description
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.

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.
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.
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.
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.
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.

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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.

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.
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.
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.
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.
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.

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.

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.

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.

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.

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.

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.

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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. |

Article	Description
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.

TS10

Article	Description
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.
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.

| 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. |

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.

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.

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.

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.
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.

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.

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.

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.

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.

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.

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.
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.
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.

HW Options

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

899134	GTS41- keyboard with Function keys (upgrade from GTS40), 5" WVGA colour touch screen, for TS10 instruments, face 1.
868892	GHM009 - AutoHeight measurement module to setup instrument over point (laserplummet) and measure instrument height, fitted, for TS07 instruments.
868889	GSD09 - Mobile Data Device sidecover (LTE/GSM) US, CA for TS07/TS10 instruments, fitted.
865474	GUS321 , Lower parts shiftable tribrach for TS03, TS07, TS10, iCB50 and iCB70 total stations
892428	GTS50- LOC8 theft deterrence and location device for manual total stations, fitted.

Certificates

Article	Description
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.
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).
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).
793861	OVC Camera Calibration Certificate

On-Board SW

FlexField TS03/07

Article	Description
868908	Leica FlexField COGO
868909	Leica FlexField Reference Plane
868910	Leica FlexField Reference Arc
868911	Leica FlexField Road 2D
868912	Leica FlexField Mining
868913	Leica FlexField Road3D
868914	Leica FlexField Traverse
868915	Leica FlexField Tunnel

Captivate TS10

Article	Description
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.
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.
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.
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
834218	Leica Captivate Offset+ app for TS/MS.
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.
834221	Leica Captivate Athletics app for TS/MS.
834223	Leica Captivate Forward Intersection app for TS/MS.
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.

847944   Leica Captivate Inspect Road.
Allows to compare multiple scans or points against a Road
surface.

847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.
847952	Leica Captivate Inventory (Montreal) application for TS/MS. Survey, view and edit items that require nested attributes coding.
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.
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.
865037	Leica Captivate Pipeline (Montreal) application for TS/MS. Survey, view and edit items that require "pipeline" specific coding features.
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.
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.
870551	Leica Captivate Trig Levels (Montreal) application for TS/MS. Conventional trigonometric levelling from two faces measurements average.
870554	Leica Captivate Quick Ground (Montreal) application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.
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.
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.
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.

920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.
834224	Leica Captivate Zenith Line app for TS/MS instruments.
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.

923925	Leica Captivate Bricsys 24/7 2y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
923928	Leica Captivate Bricsys 24/7 3y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
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.
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.
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field
952801	Leica Captivate AD Tasker application for TS/MS. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert- Transformation
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.

Geocom

Article	Description
868919	License key which allows the virtual GeoCom port on a manual TS07 total
868920	Virtual GeoCom manual TS10

Active Customer Care

Enduser CCP

Article	Description

6014167   1 yr TS03/07 Basic CCP,
          consisting of:
          1 yr SW Maintenance
          1 yr Customer Support

6014168	2 yr TS03/07 Basic CCP, consisting of:
	2 yr SW Maintenance
	2 yr Customer Support
6014169	3 yr TS03/07 Basic CCP, consisting of:
	3 yr SW Maintenance
	3 yr Customer Support
6014170	5 yr TS03/07 Basic CCP, consisting of:
	5 yr SW Maintenance
	5 yr Customer Support
6014171	1 yr TS10 Basic CCP, consisting of:
	1 yr SW Maintenance
	1 yr Customer Support
6014172	2 yr TS10 Basic CCP, consisting of:
	2 yr SW Maintenance
	2 yr Customer Support
6014173	3 yr TS10 Basic CCP, consisting of:
	3 yr SW Maintenance
	3 yr Customer Support
6014174	5 yr TS10 Basic CCP, consisting of:
	5 yr SW Maintenance
	5 yr Customer Support
6014175	1 yr TS03/07 Blue CCP, consisting of:
	1 yr HW Maintenance
	1 yr SW Maintenance
	1 yr Customer Support
6014176	2 yr TS03/07 Blue CCP, consisting of:
	2 yr HW Maintenance
	2 yr SW Maintenance
	2 yr Customer Support
6014177	3 yr TS03/07 Blue CCP, consisting of:
	3 yr HW Maintenance
	3 yr SW Maintenance
	3 yr Customer Support
6014178	5 yr TS03/07 Blue CCP, consisting of:
	5 yr HW Maintenance
	5 yr SW Maintenance
	5 yr Customer Support

6014179   1 yr TS10 Blue CCP,
consisting of:
1 yr HW Maintenance
1 yr SW Maintenance
1 yr Customer Support

6014180   2 yr TS10 Blue CCP,
consisting of:
2 yr HW Maintenance
2 yr SW Maintenance
2 yr Customer Support

6014181	3 yr TS10 Blue CCP, consisting of: 3 yr HW Maintenance 3 yr SW Maintenance 3 yr Customer Support
6014182	5 yr TS10 Blue CCP, consisting of: 5 yr HW Maintenance 5 yr SW Maintenance 5 yr Customer Support
6014183	2 yr TS03/07 Bronze CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support 1 yr Extended Warranty
6014184	3 yr TS03/07 Bronze CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support 2 yr Extended Warranty
6014185	5 yr TS03/07 Bronze CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support 4 yr Extended Warranty
6014186	1 yr Ext. TS03/07 Bronze CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support 1 yr Extended Warranty
6014187	2 yr TS10 Bronze CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support 1 yr Extended Warranty
6014188	3 yr TS10 Bronze CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support 2 yr Extended Warranty
6014189	5 yr TS10 Bronze CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support 4 yr Extended Warranty
6014190	1 yr Ext. TS10 Bronze CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support 1 yr Extended Warranty

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.

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.

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.

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.

6014195   2 yr TS10 Silver CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support,
1 yr Extended Warranty.

6014196   3 yr TS10 Silver CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6014197   5 yr TS10 Silver CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

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.

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.

| 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. |
| 6014201 | 3 yr TS10 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty. |

6014202   5 yr TS10 Gold CCP,
           consisting of:
           5 yr HW Maintenance,
           5 yr SW Maintenance,
           5 yr Customer Support,
           4 yr Extended Warranty.

Commissioning & Training

Article	Description
5004787	TS03/07/10 Full Day Workflow Training
5004788	TS03/07/10 Commissioning

Manuals

Multi-Language

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

Basic Package TS13

Article	Description
6016614	TS13 3" R500 Package
6016615	TS13 5" R500 Package

Instrument TS13

Article	Description
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.
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.
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.

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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.

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.

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.

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.

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.

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.

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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.

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.

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.

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.

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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.

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.

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.

Hardware Options

Article	Description
874451	GTS46- LOC8 theft deterrence and location device for automated total stations TS13/16,iCR70/80, fitted.
870391	GTS45, 2nd keyboard with full 5" WVGA colour touch screen, for TS13 instrument, for telescope position 2, fitted, if 1st face keyboard available.
870392	TOP1, TS13 option to enable prism lock.
870393	TOP2, TS13 robotic option enabling SpeedSearch and Radio Handle interface.

Certificates

Article	Description
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.
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).
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.

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

Captivate f. MS/TS

Captivate Base License f. MS/TS

Article	Description
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.

Captivate Apps f. MS/TS

Article	Description
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.
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.
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.
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.

834218	Leica Captivate Offset+ app for TS/MS.
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.
834221	Leica Captivate Athletics app for TS/MS.
834223	Leica Captivate Forward Intersection app for TS/MS.
834224	Leica Captivate Zenith Line app for TS/MS instruments.
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.
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.
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.
847952	Leica Captivate Inventory (Montreal) application for TS/MS. Survey, view and edit items that require nested attributes coding.
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.
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.
865037	Leica Captivate Pipeline (Montreal) application for TS/MS. Survey, view and edit items that require "pipeline" specific coding features.
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

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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.

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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.
870551	Leica Captivate Trig Levels (Montreal) application for TS/MS. Conventional trigonometric levelling from two faces measurements average.
870554	Leica Captivate Quick Ground (Montreal) application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.
872564	TS13 License, which allows connecting a 3rd party software to the TS13. The 3rd party software must have the authentication dll.
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.
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.
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.
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.
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.
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.
939873	Leica Captivate Kahramaa application for TS16/MS60. Application to convert the measurement job in the specified format for the
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field

923922   Leica Captivate Bricsys 24/7 1y TS/MS
           Allows using Bricsys 24/7 as file exchange service for uploading and
           downloading files.
923925   Leica Captivate Bricsys 24/7 2y TS/MS
           Allows using Bricsys 24/7 as file exchange service for uploading and
           downloading files.
923928   Leica Captivate Bricsys 24/7 3y TS/MS
           Allows using Bricsys 24/7 as file exchange service for uploading and
           downloading files.

947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.
952801	Leica Captivate AD Tasker application for TS/MS. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
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.

Active Customer Care

Training

Article	Description
5003849	TS13/TS16 Full Day Workflow Training
5003850	TS13/TS16 Commissioning

Enduser CCP

Article	Description
6013977	1 yr TS13 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6013978	2 yr TS13 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6013979	3 yr TS13 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6013980	5 yr TS13 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.

6013981   1 yr TS13+GS Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

6013982 2 yr TS13+GS Basic CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6013983 3 yr TS13+GS Basic CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support.

6013984 5 yr TS13+GS Basic CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support.

6013985 1 yr TS13+CS20 Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

6013986 2 yr TS13+CS20 Basic CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6013987 3 yr TS13+CS20 Basic CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support.

6013988 5 yr TS13+CS20 Basic CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support.

6013989 1 yr TS13+CS20+GS Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

6013990 2 yr TS13+CS20+GS Basic CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6013991 3 yr TS13+CS20+GS Basic CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support.

6013992 5 yr TS13+CS20+GS Basic CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support.

6013993 1 yr TS13 Blue CCP,
consisting of:
1 yr HW Maintenance,
1 yr SW Maintenance,
1 yr Customer Support.

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6013994   2 yr TS13 Blue CCP,
          consisting of:
          2 yr HW Maintenance,
          2 yr SW Maintenance,
          2 yr Customer Support.
6013995   3 yr TS13 Blue CCP,
          consisting of:
          3 yr HW Maintenance,
          3 yr SW Maintenance,
          3 yr Customer Support.

6013996	5 yr TS13 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6013997	1 yr TS13+GS Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6013998	2 yr TS13+GS Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6013999	3 yr TS13+GS Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6014000	5 yr TS13+GS Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6014001	1 yr TS13+CS20 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6014002	2 yr TS13+CS20 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6014003	3 yr TS13+CS20 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6014004	5 yr TS13+CS20 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6014005	1 yr TS13+CS20+GS Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.

6014006 2 yr TS13+CS20+GS Blue CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.

6014007 3 yr TS13+CS20+GS Blue CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support.

6014008	5 yr TS13+CS20+GS Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6014009	2 yr TS13 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6014010	3 yr TS13 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6014011	5 yr TS13 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6014012	1 yr Ext. TS13 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6014013	2 yr TS13+GS Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6014014	3 yr TS13+GS Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6014015	5 yr TS13+GS Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6014016	1 yr Ext. TS13+GS Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6014017	2 yr TS13+CS20 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.

6014018 3 yr TS13+CS20 Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6014019 5 yr TS13+CS20 Bronze CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

6014020   1yr Ext. TS13+CS20 Bronze CCP,
           consisting of:
           1 yr SW Maintenance,
           1 yr Customer Support,
           1 yr Extended Warranty.
6014021   2 yr TS13+CS20+GS Bronze CCP,
           consisting of:
           2 yr SW Maintenance,
           2 yr Customer Support,
           1 yr Extended Warranty.
6014022   3 yr TS13+CS20+GS Bronze CCP,
           consisting of:
           3 yr SW Maintenance,
           3 yr Customer Support,
           2 yr Extended Warranty.
6014023   5 yr TS13+CS20+GS Bronze CCP,
           consisting of:
           5 yr SW Maintenance,
           5 yr Customer Support,
           4 yr Extended Warranty.
6014024   1 yr Ext. TS13+CS20+GS Bronze CCP,
           consisting of:
           1 yr SW Maintenance,
           1 yr Customer Support,
           1 yr Extended Warranty.
6014025   2 yr TS13 Silver CCP,
           consisting of:
           2 yr HW Maintenance,
           2 yr SW Maintenance,
           2 yr Customer Support,
           1 yr Extended Warranty.
6014026   3 yr TS13 Silver CCP,
           consisting of:
           3 yr HW Maintenance,
           3 yr SW Maintenance,
           3 yr Customer Support,
           2 yr Extended Warranty.
6014027   5 yr TS13 Silver CCP,
           consisting of:
           5 yr HW Maintenance,
           5 yr SW Maintenance,
           5 yr Customer Support,
           4 yr Extended Warranty.
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.

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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.

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.

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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.

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.

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.

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.

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.

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.

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.

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.

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.
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.

6014041   3 yr TS13 Gold CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6014042   5 yr TS13 Gold CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

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.

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.

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.

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.

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.

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.

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Manuals

Article	Description
870665	Leica TS13 QG,multil.1
870666	Leica TS13 QG,multil.2

Basic Package TS16

Article	Description
6016624	TS16 I 1" R1000 Package
6016625	TS16 I 1" R500 Package
6016626	TS16 I 3" R1000 Package
6016627	TS16 I 3" R500 Package
6016628	TS16 I 5" R1000 Package
6016629	TS16 I 5" R500 Package
6016630	TS16 P 1" R1000 Package
6016631	TS16 P 1" R500 Package
6016632	TS16 P 3" R1000 Package
6016633	TS16 P 3" R500 Package
6016634	TS16 P 5" R1000 Package
6016635	TS16 P 5" R500 Package

Instrument TS16

TS16 I

Article	Description
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.
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.

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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.

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.

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.

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.

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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.
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.

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TS16 P

Article	Description
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.
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.
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.
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.

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.

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.

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.

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.

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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.

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.

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.

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.

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.

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.

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.
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.

TS16 A

Article	Description
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.
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.

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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.

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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.

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.

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.

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.

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.

TS16 M

Article
917458

Description
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.

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.

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.

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.

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.

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.

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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.

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.

TS16 G

Article	Description
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.
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.
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.
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.

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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.

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.

HW Options

Article	Description
879378	GTS49, 2nd keyboard with full 5" WVGA colour touch screen, for TS16 and TM60 instruments, for telescope position 2, fitted.
874451	GTS46- LOC8 theft deterrence and location device for automated total stations TS13/16,iCR70/80, fitted.

Certificates

Article	Description
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.
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).
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.
812544	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms and to any surfaces (non prism).

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NORCROSS GA 30092
USA

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793861   OVC Camera Calibration Certificate

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AP20 AutoPole

Article	Description
6017140	AP20 Captivate package
6017141	AP20 iCON package
922835	AutoPole AP20 H to automatically measure pole height.
922836	AutoPole AP20 ID to automatically find and verify your target.
922837	AutoPole AP20 T to automatically measure pole height and to compensate a
922838	AutoPole AP20 to automatically measure pole height, to compensate a
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh
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
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
913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends
913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends
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
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
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.
961156	GVP747, Hard container, for CS20, CS30 and CS35 field controller including attached holders, 360° prisms and AP20.

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Captivate f. MS/TS

Captivate Base License f. MS/TS

Article	Description
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.

Captivate Apps f. MS/TS

Article	Description
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.
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.
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.
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.

834218	Leica Captivate Offset+ app for TS/MS.
834219	Leica Captivate Seismic Data Card TS/MS.
	Allows TS/MS Seismic measurements for the company
	CGGVeritas.
834221	Leica Captivate Athletics app for TS/MS.
834223	Leica Captivate Forward Intersection app for TS/MS.
834224	Leica Captivate Zenith Line app for TS/MS instruments.
834226	Leica Captivate Set Orientation app for TS/MS.
	Sets the orientation of the total station to 0 or to any
	user entered value.
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up
	the instrument without having or entering coordinates.
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.
834230	Leica Captivate TPS Monitoring application for TS/MS.
	Supports effectiv field campaing functionlity for classic
	deformation monitoring with direct interface to the Leica
	GeoMoS Monitoring Solution
834255	Leica Captivate Piling for TS/MS.
	Application to position and orientate piles.
836522	Machine Control application for TS16/TS60/MS60.
	Required for all Leica Machine Control Solutions.
836669	Captivate Tunnel Profile Generator TS/MS.
	Allows scanning tunnel profiles if the tunnel app is loaded.
839678	Leica Captivate Inspect Surfaces for TS/MS.
	Allows to compare multiple scans or points against other
	scans or surfaces.
846826	Leica Captivate TPS Survey Streaming application for TS/MS.
	Streams ASCII messages with EDM TimeStamp in different
	formats and for different conditions.
847944	Leica Captivate Inspect Road.
	Allows to compare multiple scans or points against a Road
	surface.
847945	Leica Captivate Inspect Tunnel.
	Allows to compare multiple scans or points against a Tunnel
	surface.
847952	Leica Captivate Inventory (Montreal) application for TS/MS. Survey, view
	and edit items that require nested attributes coding.
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS.
	Allows exporting data to Shapefile format.
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.
865037	Leica Captivate Pipeline (Montreal) application for TS/MS.
	Survey, view and edit items that require "pipeline"
	specific coding features.

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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

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.
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.
870551	Leica Captivate Trig Levels (Montreal) application for TS/MS. Conventional trigonometric levelling from two faces measurements average.
870554	Leica Captivate Quick Ground (Montreal) application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.
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.
901400	Dynamic Lock TS/MS
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.
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.
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.
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.
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.

923922   Leica Captivate Bricsys 24/7 1y TS/MS
Allows using Bricsys 24/7 as file exchange service for uploading and
downloading files.

923925   Leica Captivate Bricsys 24/7 2y TS/MS
Allows using Bricsys 24/7 as file exchange service for uploading and
downloading files.

923928   Leica Captivate Bricsys 24/7 3y TS/MS
Allows using Bricsys 24/7 as file exchange service for uploading and
downloading files.

939873	Leica Captivate Kahramaa application for TS16/MS60. Application to
	convert the measurement job in the specified format for the
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von
	Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.
952801	Leica Captivate AD Tasker application for TS/MS. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
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.

Captivate Packages for MS/TS

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

Geocom

Article	Description
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)
827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)
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)

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)

963881   Enables the external communication with the Leica AP20
Autopole.

Active Customer Care

Enduser CCP

Article	Description
6009501	1 yr Viva TPS (TS16) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6009502	2 yr Viva TPS (TS16) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009503	3 yr Viva TPS (TS16) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009504	5 yr Viva TPS (TS16) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6009517	1 yr Viva TPS (TS16) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009518	2 yr Viva TPS (TS16) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6009519	3 yr Viva TPS (TS16) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009520	5 yr Viva TPS (TS16) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6009533	2 yr Viva TPS (TS16) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.

- when it has to be right

6009534   3 yr Viva TPS (TS16) Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6009535	5 yr Viva TPS (TS16) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6009536	1 yr Ext. Viva TPS (TS16) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
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.
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.
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.
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.
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.
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.
6009509	1 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.

- when it has to be **right**

6009510   2 yr Viva TPS (TS16+CS20) Basic CCP,
          consisting of:
          2 yr SW Maintenance,
          2 yr Customer Support.
6009511   3 yr Viva TPS (TS16+CS20) Basic CCP,
          consisting of:
          3 yr SW Maintenance,
          3 yr Customer Support.

6009512	5 yr Viva TPS (TS16+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6009525	1 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009526	2 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6009527	3 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009528	5 yr Viva TPS (TS16+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6009541	2 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6009542	3 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6009543	5 yr Viva TPS (TS16+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6009544	1yr Ext. Viva TPS (TS16+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
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.

- when it has to be right

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.

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.
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.
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.
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.
6009505	1 yr Viva TPS (TS16+GS) Basic CCP,
	consisting of:
	1 yr SW Maintenance,
	1 yr Customer Support.
6009506	2 yr Viva TPS (TS16+GS) Basic CCP,
	consisting of:
	2 yr SW Maintenance,
	2 yr Customer Support.
6009507	3 yr Viva TPS (TS16+GS) Basic CCP,
	consisting of:
	3 yr SW Maintenance,
	3 yr Customer Support.
6009508	5 yr Viva TPS (TS16+GS) Basic CCP,
	consisting of:
	5 yr SW Maintenance,
	5 yr Customer Support.
6009521	1 yr Viva TPS (TS16+GS) Blue CCP,
	consisting of:
	1 yr HW Maintenance,
	1 yr SW Maintenance,
	1 yr Customer Support.
6009522	2 yr Viva TPS (TS16+GS) Blue CCP,
	consisting of:
	2 yr HW Maintenance,
	2 yr SW Maintenance,
	2 yr Customer Support.

- when it has to be **right**

6009523   3 yr Viva TPS (TS16+GS) Blue CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support.

6009524   5 yr Viva TPS (TS16+GS) Blue CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support.

- when it has to be right

6009537 2 yr Viva TPS (TS16+GS) Bronze CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support,
1 yr Extended Warranty.

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

6009539 5 yr Viva TPS (TS16+GS) Bronze CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

6009540 1 yr Ext. Viva TPS (TS16+GS) Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.

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.

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.

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.

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.

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.

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.

6009513   1 yr Viva TPS (TS16+CS20+GS) Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

- when it has to be right

6009514   2 yr Viva TPS (TS16+CS20+GS) Basic CCP,
          consisting of:
          2 yr SW Maintenance,
          2 yr Customer Support.
6009515   3 yr Viva TPS (TS16+CS20+GS) Basic CCP,
          consisting of:
          3 yr SW Maintenance,
          3 yr Customer Support.
6009516   5 yr Viva TPS (TS16+CS20+GS) Basic CCP,
          consisting of:
          5 yr SW Maintenance,
          5 yr Customer Support.
6009529   1 yr Viva TPS (TS16+CS20+GS) Blue CCP,
          consisting of:
          1 yr HW Maintenance,
          1 yr SW Maintenance,
          1 yr Customer Support.
6009530   2 yr Viva TPS (TS16+CS20+GS) Blue CCP,
          consisting of:
          2 yr HW Maintenance,
          2 yr SW Maintenance,
          2 yr Customer Support.
6009531   3 yr Viva TPS (TS16+CS20+GS) Blue CCP,
          consisting of:
          3 yr HW Maintenance,
          3 yr SW Maintenance,
          3 yr Customer Support.
6009532   5 yr Viva TPS (TS16+CS20+GS) Blue CCP,
          consisting of:
          5 yr HW Maintenance,
          5 yr SW Maintenance,
          5 yr Customer Support.
6009545   2 yr Viva TPS (TS16+CS20+GS) Bronze CCP,
          consisting of:
          2 yr SW Maintenance,
          2 yr Customer Support,
          1 yr Extended Warranty.
6009546   3 yr Viva TPS (TS16+CS20+GS) Bronze CCP,
          consisting of:
          3 yr SW Maintenance,
          3 yr Customer Support,
          2 yr Extended Warranty.
6009547   5 yr Viva TPS (TS16+CS20+GS) Bronze CCP,
          consisting of:
          5 yr SW Maintenance,
          5 yr Customer Support,
          4 yr Extended Warranty.

- when it has to be right

6009548   1 yr Ext. Viva (TS16+CS20+GS) Bronze CCP,
                  consisting of:
                  1 yr SW Maintenance,
                  1 yr Customer Support,
                  1 yr Extended Warranty.

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.

- when it has to be right

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.

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.

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.

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.

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.

Training

Article	Description
5003849	TS13/TS16 Full Day Workflow Training
5003850	TS13/TS16 Commissioning

Manuals

Article	Description
819205	Leica TS16 QG, multil. 1
819217	Leica TS16 QG, multil. 2
5306395	2 yr Viva TPS (TS16) Extd. Warranty
5306396	4 yr Viva TPS (TS16) Extd. Warranty

Packages TS60

Article	Description
6015909	TS60 I 0.5" Package

TS60 Instruments

Article	Description
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.

HW Options

Article	Description
914944	GTS46- LOC8 theft deterrence and location device for Nova TS60/MS60, fitted.

Certificates

Article	Description
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.
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).
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.

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

AP20 AutoPole

Article	Description
6017140	AP20 Captivate package
6017141	AP20 iCON package
922835	AutoPole AP20 H to automatically measure pole height.
922836	AutoPole AP20 ID to automatically find and verify your target.
922837	AutoPole AP20 T to automatically measure pole height and to compensate a
922838	AutoPole AP20 to automatically measure pole height, to compensate a
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh
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
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
913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends
913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends
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

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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

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.

961156	GVP747, Hard container, for CS20, CS30 and CS35 field controller including attached holders, 360° prisms and AP20.

Captivate f. MS/TS

Captivate Base License f. MS/TS

Article	**Description**
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.

Captivate Apps f. MS/TS

Article	**Description**
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.
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.
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.
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.

827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.
834218	Leica Captivate Offset+ app for TS/MS.
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.
834221	Leica Captivate Athletics app for TS/MS.
834223	Leica Captivate Forward Intersection app for TS/MS.
834224	Leica Captivate Zenith Line app for TS/MS instruments.
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.
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.
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.
836522	Machine Control application for TS16/TS60/MS60. Required for all Leica Machine Control Solutions.
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.
847952	Leica Captivate Inventory (Montreal) application for TS/MS. Survey, view and edit items that require nested attributes coding.
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.
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.

865037	Leica Captivate Pipeline (Montreal) application for TS/MS. Survey, view and edit items that require "pipeline" specific coding features.
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

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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.
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.
870551	Leica Captivate Trig Levels (Montreal) application for TS/MS. Conventional trigonometric levelling from two faces measurements average.
870554	Leica Captivate Quick Ground (Montreal) application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.
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.
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.
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.
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.
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.
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.

923925   Leica Captivate Bricsys 24/7 2y TS/MS
           Allows using Bricsys 24/7 as file exchange service for uploading and
           downloading files.
923928   Leica Captivate Bricsys 24/7 3y TS/MS
           Allows using Bricsys 24/7 as file exchange service for uploading and
           downloading files.
944938   Leica Captivate Custom Field Data Export TS/MS. Allows exporting field

939873	Leica Captivate Kahramaa application for TS16/MS60. Application to
	convert the measurement job in the specified format for the
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von
	Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.
952801	Leica Captivate AD Tasker application for TS/MS. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
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.

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Geocom

Article	Description
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827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)
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)
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)

- when it has to be right

963881   Enables the external communication with the Leica AP20
          Autopole.

- when it has to be right

Leica Geosystems

Active Customer Care

Enduser CCP

Article	Description
6009390	1 yr Nova (TS/MS60) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6009391	2 yr Nova (TS/MS60) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009392	3 yr Nova (TS/MS60) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009393	5 yr Nova (TS/MS60) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6009398	1 yr Nova (TS/MS60) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009399	2 yr Nova (TS/MS60) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6009400	3 yr Nova (TS/MS60) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009401	5 yr Nova (TS/MS60) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6009406	2 yr Nova (TS/MS60) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009407	3 yr Nova (TS/MS60) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.

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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.
6009409	1 yr Ext. Nova (TS/MS60) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6009414	2 yr Nova (TS/MS60) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
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.
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.
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.
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.
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.
6009394	1 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.

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6009395	2 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009396	3 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009397	5 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.

6009402	1 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009403	2 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6009404	3 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009405	5 yr Nova (TS/MS60+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6009410	2 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009411	3 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 1 yr Extended Warranty.
6009412	5 yr Nova (TS/MS60+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6009413	1 yr Ext. Nova(TS/MS60+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6009418	2 yr Nova (TS/MS60+CS20) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
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.

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.

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.

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.

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.

Training

Article	Description
5003866	TS60/MS60/TM60 Full Day Workflow Trainin
5003867	TS60/MS60/TM60 Commissioning

Quick Guides

Article	Description
819177	Leica TS/MS60 QG, multil. 1
819178	Leica TS/MS60 QG, multil. 2

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Leica Geosystems Inc
5051 Peachtree Corners Circle, Suite 250
NORCROSS GA 30092
USA

TPS, GNSS & Dig.Level
Nova MultiStation MS60

Packages MS60

Article	Description
6015910	MS60 Package
6016190	MS60 Civil Survey Bundle 1
6016191	MS60 Civil Survey Bundle 2
6016192	MS60 BIM Bundle

Instrument MS60

Article	Description
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.

HW Options

Article	Description
914944	GTS46- LOC8 theft deterrence and location device for Nova TS60/MS60, fitted.

Certificates

Article	Description
812535	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536	Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.
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).
812542	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz and V.
812543	Calibration Certificate "Silver" for total stations - issued by the manufacturer: Angle Hz, V, Distance measurement to prisms.

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

AP20 AutoPole

Article	Description
6017140	AP20 Captivate package
6017141	AP20 iCON package
922835	AutoPole AP20 H to automatically measure pole height.
922836	AutoPole AP20 ID to automatically find and verify your target.
922837	AutoPole AP20 T to automatically measure pole height and to compensate a
922838	AutoPole AP20 to automatically measure pole height, to compensate a
898414	GEB321 Battery int Li-Ion 7.2V/3350mAh
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
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
913901	GLS51, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 1.34 m, extends
913902	GLS51F, telescopic pole with stub interface, supports AutoPole product, carbon/glass fibre, with circular bubble, minimum length 4.5 Ft, extends
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
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

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USA

| 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. |
| 961156 | GVP747, Hard container, for CS20, CS30 and CS35 field controller including attached holders, 360° prisms and AP20. |

Captivate f. MS/TS

Captivate Base Lic.

Article	Description
827646	Leica Captivate Measure & Stakeout TS/MS. Enables the use of the Measure and Stakeout apps in Leica Captivate.

Captivate Apps f. MS/TS

Article	Description
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.
827649	Leica Captivate Measure Plane Grid TS/MS. License key which allows the measuring of points relative to a plane.
827650	Leica Captivate Area Division TS/MS. License key which allows an area to be divided into sub-areas using a variety of methods.
827651	Leica Captivate DTM Stakeout TS/MS. License key which allows a DTM to be staked.
827652	Leica Captivate Volume Calculation TS/MS. License key which allows a surface to be measured and volumes to be computed.
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.
827654	Leica Captivate Tunnel TS/MS. License key which allows the staking and measuring to a tunnel design.
827655	Leica Captivate Rail TS/MS. License key which allows the staking and measuring of points relative to a railway alignment.
827656	Leica Captivate TS Hidden Point TS/MS. License key which allows a 'hidden point' to be measured.
827657	Leica Captivate Traverse TS/MS. License key which allows a traverse to be measured and computed.
827658	Leica Captivate Sets of Angles TS/MS. License key which allows multiple rounds of total station measurements to be made.
827659	Leica Captivate QuickVolume TS/MS. License key which allows a volume to be computed from scanned data and/or measured points.

834218	Leica Captivate Offset+ app for TS/MS.
834219	Leica Captivate Seismic Data Card TS/MS. Allows TS/MS Seismic measurements for the company CGGVeritas.
834221	Leica Captivate Athletics app for TS/MS.
834223	Leica Captivate Forward Intersection app for TS/MS.
834224	Leica Captivate Zenith Line app for TS/MS instruments.
834226	Leica Captivate Set Orientation app for TS/MS. Sets the orientation of the total station to 0 or to any user entered value.
834227	Leica Captivate Quick Setup app for TS/MS. Allows setting up the instrument without having or entering coordinates.
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.
834230	Leica Captivate TPS Monitoring application for TS/MS. Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution
834255	Leica Captivate Piling for TS/MS. Application to position and orientate piles.
836522	Machine Control application for TS16/TS60/MS60. Required for all Leica Machine Control Solutions.
836669	Captivate Tunnel Profile Generator TS/MS. Allows scanning tunnel profiles if the tunnel app is loaded.
839678	Leica Captivate Inspect Surfaces for TS/MS. Allows to compare multiple scans or points against other scans or surfaces.
846826	Leica Captivate TPS Survey Streaming application for TS/MS. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.
847944	Leica Captivate Inspect Road. Allows to compare multiple scans or points against a Road surface.
847945	Leica Captivate Inspect Tunnel. Allows to compare multiple scans or points against a Tunnel surface.
847952	Leica Captivate Inventory (Montreal) application for TS/MS. Survey, view and edit items that require nested attributes coding.
850622	Leica Captivate ESRI Shapefile Exporter app for TS/MS. Allows exporting data to Shapefile format.
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.
865037	Leica Captivate Pipeline (Montreal) application for TS/MS. Survey, view and edit items that require "pipeline" specific coding features.

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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

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.
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.
870551	Leica Captivate Trig Levels (Montreal) application for TS/MS. Conventional trigonometric levelling from two faces measurements average.
870554	Leica Captivate Quick Ground (Montreal) application for TS/MS. Create a ground coordinate system from an existing grid coordinate system.
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.
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.
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.
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.
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.
920745	Leica Captivate TS Mining application for TS/MS. This app provides the methods to work in underground mining.
923922	Leica Captivate Bricsys 24/7 1y TS/MS Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.

923925   Leica Captivate Bricsys 24/7 2y TS/MS
Allows using Bricsys 24/7 as file exchange service for uploading and
downloading files.

923928   Leica Captivate Bricsys 24/7 3y TS/MS
Allows using Bricsys 24/7 as file exchange service for uploading and
downloading files.

939873   Leica Captivate Kahramaa application for TS16/MS60. Application to
convert the measurement job in the specified format for the

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939877	Captivate PTS exporter for TS16/MS60. Allows exporting scan data in PTS
944938	Leica Captivate Custom Field Data Export TS/MS. Allows exporting field
947160	Leica Captivate Orthogonale Punkte für TS/MS. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation
947163	Leica Captivate Kleinpunktberechnung für TS/MS - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949839	Leica Captivate Stakeout Trees application for TS/MS. Application to stake the position of trees or plants according to the planting pattern.
952801	Leica Captivate AD Tasker application for TS/MS. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
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.

Captivate Packages f. MS/TS

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

Geocom

Article	Description
827663	GeoCom Imaging TS/MS License key which allows imaging related GeoCom commands to be used. (approval process is needed to order this article)
827664	GeoCom Robotics TS/MS License key which allows robotic related GeoCom commands to be used. (approval process is needed to order this article)
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)

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)

827667   GeoCom Scanning MS
            License key which allows scanning related GeoCom commands
            to be used. (Approval Process is needed to order this
            article)

951709	GeoCom Scanning Format MS License key which allows to select a different scanning data output format.
963881	Enables the external communication with the Leica AP20 Autopole.

Active Customer Care

Enduser CCP

Article	Description
6009390	1 yr Nova (TS/MS60) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6009391	2 yr Nova (TS/MS60) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009392	3 yr Nova (TS/MS60) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009393	5 yr Nova (TS/MS60) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6009398	1 yr Nova (TS/MS60) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009399	2 yr Nova (TS/MS60) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6009400	3 yr Nova (TS/MS60) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009401	5 yr Nova (TS/MS60) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.

6009406 2 yr Nova (TS/MS60) Bronze CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6009407 3 yr Nova (TS/MS60) Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
1 yr Extended Warranty.

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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.
6009409   1 yr Ext. Nova (TS/MS60) Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.
6009414   2 yr Nova (TS/MS60) Silver CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.
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.
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.
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.
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.
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.
6009394   1 yr Nova (TS/MS60+CS20) Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

6009395	2 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009396	3 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009397	5 yr Nova (TS/MS60+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.

6009402 1 yr Nova (TS/MS60+CS20) Blue CCP,
consisting of:
1 yr HW Maintenance,
1 yr SW Maintenance,
1 yr Customer Support.

6009403 2 yr Nova (TS/MS60+CS20) Blue CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.

6009404 3 yr Nova (TS/MS60+CS20) Blue CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support.

6009405 5 yr Nova (TS/MS60+CS20) Blue CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support.

6009410 2 yr Nova (TS/MS60+CS20) Bronze CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6009411 3 yr Nova (TS/MS60+CS20) Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
1 yr Extended Warranty.

6009412 5 yr Nova (TS/MS60+CS20) Bronze CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

6009413 1 yr Ext. Nova(TS/MS60+CS20) Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.

6009418 2 yr Nova (TS/MS60+CS20) Silver CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.

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.

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.

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.
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.
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.

Training

Article	Description
5003866	TS60/MS60/TM60 Full Day Workflow Trainin
5003867	TS60/MS60/TM60 Commissioning

Leica Geosystems campus

Quick Guides

Article	Description
819177	Leica TS/MS60 QG, multil. 1
819178	Leica TS/MS60 QG, multil. 2

MultiWorx CCP

MultiWorx CCP

Article	Description
6008007	MultiWorx AutoCAD CCP 1yr.
	Technical support by telephone/email.
	Software updates.
6008008	MultiWorx AutoCAD CCP 2yr.
	Technical support by telephone/email.
	Software updates.
6008009	MultiWorx AutoCAD CCP 3yr.
	Technical support by telephone/email.
	Software updates.

MultiWorx CCP Reactivation

Article	Description
5003400	MulitWorx 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.

Reflectors

360° Reflectors

Article	Description
754384	GRZ122, 360º Reflector with 5/8" thread adapter for mounting of GPS antenna.
639985	GRZ4 360° Reflector.
644327	GRZ101 360° Mini Prism with 1/4" thread fitting.

Circular & Precision Reflectors

Article	Description
641617	Circular prism GPR121 PRO, with holder and target plate
362830	Circular prism GPR1, in container
555631	Single-prism precision reflector GPH1P

Mini Reflectors

Article	Description
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)
641762	Mini prism GMP104, with L-bar, for fixed installations
641615	Mini prism GMP111 BASIC, incl. bubble, with GLS115 and GHT111

Tapes (Set à 20 pc.)

Article	Description
763532	GZM29, Reflective Tape 20x20mm for short range, pack of 20 pieces.
763533	GZM30, Reflective Tape 40x40mm for medium range, pack of 20 pieces.
763534	GZM31, Reflective Tape 60x60mm for long range, pack of 20 pieces.

Reflector Accessories

Article	Description
667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.

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	874838	SNLL321, Precision carrier, with plate level and zenith-nadir laser plummet.
	428340	Carrier GZR3, with plate level and optical plummet, for Target plate.
	725566	Carrier GZR103, with plate level and optical plummet, for reflectors and GPS antenna, pale green.
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.
	362820	Single-prism holder GPH1, for all TC
	400080	Three-prism holder GPH3
	362823	Target plate GZT4, for GPH1
	742006	GAD103, Adapter for attaching the GRZ101 to all poles (except mini poles) and reflector carriers.
	742329	GMP112, Hidden Point pole extension for GMP111. Includes miniprism with holder and 30cm adapter pole.

Reflector Poles

Article	Description
754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.
385500	Reflector pole GLS11, telescopic, with circular bubble, cm and ft graduation, extends to 2,15m
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.
667309	Reflector pole GLS111 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 2.60m, with red/white 0.20m graduations
667310	Reflector pole GLS112 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 3.65m, with red/white 0.20m graduations
403427	Mini reflector pole (prism/target 20cm over point), with circular bubble
754389	GLS12F, Reflector pole, telescopic to 2.00m with circular bubble, ft graduations.

	555720	Dual strut support GSR2 for GLS11/GLS11K plumbing pole
	667319	Dual-strut support GSR111, for all GLS
	403428	GZW12, pole extension 1m made of aluminium, with Leica pin, fitting to reflector pole GLS11/GLS12 or carriers.

Tripods & Tribrachs

	Article	Description
	667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.
	394752	Tripod GST20-9, telescopic, with accessories, without pouch
	296632	Tripod GST20, telescopic, with accessories.
	777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.
	777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.

	6010179	Height meter GHM007 with holder GHT196
	667718	GHM007 Instruments height meter.
	722045	GHT196 Distance holder for height meter.

Power Supply

	Article	Description
	793973	GEB222, Lithium Ion battery, 7.4V/6Ah, chargeable.
	793975	GEB242, Lithium Ion battery, 14.8V/5.8Ah, chargeable.
	905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, mutlilingual, included
	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.
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222, GEB241/242, GEB331/333 and GEB361/363, AC adapter included.

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	774437	GEV242, Charger for GEB371 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.
	822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.
	409678	Battery cable GEV52, 5-pole, for small battery GEB70 and large battery GEB71
	734698	GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.
	771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.
	439038	Car battery cable 4m, to connects 12V car battery.
	734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.

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Data Storage & Transfer

Article	Description
767856	MSD1000, SD memory card 1GB
789139	MSD8, SD memory card 8GB.
765199	MS1, USB memory stick, 1GB.
767895	MCR7 USB card reader for SD- and CF-cards.
767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.
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.
733283	GEV163, 1.8m Controller cable connects RX1200 Controller series to GX1200 GPS Receiver.

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	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.
	772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.
	806093	cable Lemo to USB connector, 2.0m. Connects DNA and TPS except TM/TS30 to PC for data transfer.
	756367	GEV217, Data transfer cable, connects RX1250 to TPS1200, 1.8m.
	707525	Lemo Canon converter 30°, for PC
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.
	563625	Data transfer cable Lemo 0/RS232 (9-pin, female, 2m) for connecting PC, laptop etc.
	759257	GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.
	793364	GEV261, Y-cable, 1.8m,connects TS/MS60/ TM50/GS - Battery - USB or RS232.

RadioHandles and TCPS-Modems

Article	Description
788853	RH16, RadioHandle with integrated Bluetooth module, antenna. Used as radio modem for TS15 / TS30 / TM30. Establishes communication to CS15 equipped with CTR16 or TCPS29 attached to PC. (frequency range 2402-2480 MHz).
818467	RadioHandle with integrated long range Bluetooth module and radio antenna. Used as radio modem for Leica Viva TPS and Leica Nova instruments. Establishes communication to CS15 field controller or external radio modem TCPS29/30 (frequency range 2402 - 2480MHz, fulfils EN 300 328 V.1.8.1).
788854	TCPS29, Bluetooth radio modem with antenna and user manual. Used as external radio modem for TS totaltations or PC (frequency range 2402 – 2480 MHz).
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).
734163	GHT43, Adapter for mounting TCPS26/27 on GST20/GST120 tripod.
734697	GEV186, Y-cable, connects RX1200 or TCPS27 to TPS1200 and external battery, 1.8m.
771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.
747815	GAT15, Radio antenna for GFU23, frequency range 2400 - 2483 MHz.

866928   Antenna for RCS-Handle, with LTE Filter

Optical Accessories

Article	Description
308838	Eyepiece FOK53, supplied from factory with new instrument instead of standard eyepiece
793979	GFZ3, Diagonal eyepiece for all TPS with bayonet coupling, except T100 and TS02.
376236	Eyepiece for steep sights, with joint allowing variable sigthing angle
199899	Autocollimation eyepiece (for T..800...2003)
394787	Plug-in lamp, with cable for Autocollimation eyepiece
394792	Battery box GEB63 for autocollimation eyepiece and eyepiece lamp
743504	GVO13, Objective Solar Filter for TPS.

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Pen & Screen Protection Foil

Article	Description
813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/ TS/MS60 instruments.
733303	GDZ56 Touchscreen Pen
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.
799658	SPF03 Screen protection foil for TS30 / TM30 / TPS1200+ / TS12.
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.
767907	SPF01, Screen protector foils for CS10 or CS15 field controller.

Container MS/TS

Article	Description
727589	GVP102, Soft bag with shoulder strap, for prism station, consist of tribrach, prism carrier or laser plummet and prism.
833516	GVP716 Backpack for Container
833517	GVP717 Sidebag for container GVP721/722/723/725/728/735.
833518	GVP718 Basic backstraps for container GVP721/722/723/725/728/735.
833519	GVP719 Shoulderstrap for container GVP721/722/723/725/728/735.
817058	GVP725 Hard container for TS16 Total-station with large display and accesso-ries.
817060	GVP727 Container for MS50/60. Providing space for a complete MS50/60 System with accessories.

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762781   Case TPS200/600/900

GS07 Antenna

Article	Description
869374	GS07 SmartAntenna. Geodetic 320 channels GNSS receiver, includes GPS, QZSS, multi-frequency, Network RTK and 5 Hz positions. Easily upgradeable to Glonass, Galileo and BeiDou.

GS07 options

Article	Description
869410	LOP74, GLONASS option, enables GLONASS tracking on a GS07
869412	LOP75, Galileo option, enables Galileo tracking on a GS07 receiver.
869413	LOP76, BeiDou option, enables BeiDou tracking on a GS07
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30 GNSS receiver.

HxGN SmartNet Global

Article	Description
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.
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.
5310900	1year HxGN SmartNet PPP Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.
5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.
5311280	1month HxGN SmartNet PPP Trial

Accessories

Power Supply Equipment

Article	Description
772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.
905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, mutlilingual, included
734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.
560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.
439038	Car battery cable 4m, to connects 12V car battery.
758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.
774438	GEV243, Y Cable, 2.8m, GR Receiver to GR Power Supply and External Battery.

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| 756365 | GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery. |

Data Recording & Transfer

Article	Description
767856	MSD1000, SD memory card 1GB
765199	MS1, USB memory stick, 1GB.
767895	MCR7 USB card reader for SD- and CF-cards.
806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.
767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.
772807	GEV237, cable, 1.65 m, to connect GS15/GS10 sensor to Lemo port on a CS field controller.
764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.

Transport Container

Article	Description
817052	GVP720, Small-sized hard container for SmartAntenna, CS10/CS15/CS20 Field Controller and accessories for a Rover setup.
937440	GVP743, Small-sized hard container for Smart-Antenna, CS10, CS15, CS20, CS30 field controller and accessories for a rover setup.

Set up on Pole

Article	Description
752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m
768226	GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas.
807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.
767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole
560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.

	667319	Dual-strut support GSR111, for all GLS
	925664	GHT81 Holder for CS30 tablet

Active Customer Care

Enduser CCP

Article	Description
6011300	1 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6011301	2 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6011302	3 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011303	5 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6011304	1 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6011305	2 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6011306	3 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.

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6011307	5 yr Viva GNSS (GS0X+CS20)
	Blue CCP, consisting of:
	5 yr HW Maintenance,
	5 yr SW Maintenance,
	5 yr Customer Support.

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6011322　2 yr Viva GNSS (GS0X+CS20) Bronze CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support,
1 yr Extended Warranty.

6011323　3 yr Viva GNSS (GS0X+CS20) Bronze CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6011324　5 yr Viva GNSS (GS0X+CS20) Bronze CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

6011325　1 yrExt. Viva GNSS (GS0X+CS20) Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.

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.

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.

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.

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.

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.

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.

6006736   1 yr Viva GNSS (GS08/12) Basic
CCP, consisting of:
1 yr Customer Support.

6006737	2 yr GNSS (GS08/12) Basic CCP, consisting of: 2 yr Customer Support.
6006738	3 yr Viva GNSS (GS08/12) Basic CCP, consisting of: 3 yr Customer Support.
6011361	5 yr GNSS (GS0X) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6006739	1 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support.
6006740	2 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support.
6006741	3 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support.
6011365	5 yr GNSS (GS0X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6006745	2 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6006746	3 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
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.
6006747	1 yr Ext. Viva GNSS (GS08/12) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.

| 6006748 | 3 yr Viva GNSS (GS08/12) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty. |
| 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. |

GS18 Receiver & Options

GS18 I Receiver

GS18 I NAFTA

Article	Description
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).

GS18 I Spread-spectrum UHF radio

Article	Description
864385	GS18 I LTE&UHF Performance GNSS SmartAntenna for NAFTA. 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).

GS18 T Receiver

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GS18 T NAFTA

Article	Description
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).

GS18 T Spread-spectrum UHF radio

Article	Description
945113	GS18 T LTE&UHF Performance GNSS SmartAntenna for NAFTA. 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.

GS18 Receiver

GS18 NAFTA

Article	Description
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).

TPS, GNSS & Dig.Level
GS16/GS18 GNSS

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GS18 Spread-spectrum UHF radio

Article	Description
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

GS18 Options

Article	Description
856074	LOP60, GLONASS option, enables GLONASS tracking on a GS18
856075	LOP61, Galileo option, enables Galileo tracking on a GS18
856076	LOP62, BeiDou option, enables BeiDou tracking on a GS18
856077	LOP63, QZSS option, enables QZSS tracking on a GS18 receiver.
856080	LOP65, RINEX option, allows logging of RINEX data on a GS18
856081	LOP66, NMEA out option, enables NMEA to be streamed from
856083	LOP68, Unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance on a
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.
856085	LOP70, Upgrade option, upgrades from RTK unlimited only to RTK unlimited including RTK Network on a GS18 receiver (LOP68 to
856086	LOP71, RTK Reference station option, enables RTK data to be transmitted from a GS18 receiver.
856087	LOP72, OWI option, enables GS18 receiver to be controlled from 3rd Party software.
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30 GNSS receiver.

HxGN SmartNet Global

Article	Description
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.

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	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.
	5310900	1year HxGN SmartNet PPP Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.
	5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.
	5311280	1month HxGN SmartNet PPP Trial

GS16 Receiver & Options

GS16 Worldwide

Article	Description
838034	GS16 3.75G&UHF Performance. Geodetic 555 channels GNSS SmartAntenna with integrated 3.75G UMTS and RX/TX UHF RTK modems. Includes GPS L1, L2 and L5, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS16 options.
838039	GS16 3.75G&UHF Unlimited. Geodetic 555 channels GNSS SmartAntenna with integrated 3.75G UMTS and RX/TX UHF RTK
939767	GS16 UHF Performance. Geodetic 555 channels GNSS SmartAntenna with integrated RX/TX 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.
939768	GS16 UHF Unlimited. Geodetic 555 channels GNSS SmartAntenna with integrated RX/TX UHF RTK radio and all GS16 options.

GS16 NAFTA

Article	Description
838035	GS16 3.75G&UHF Performance NAFTA. Geodetic 555 channels GNSS SmartAntenna for NAFTA with integrated 3.75G UMTS and RX/TX UHF RTK modems. Includes GPS L1, L2 and L5, 20 Hz position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS16 options.

GS16 Spread-spectrum UHF radio

Article	Description
869397	GS16 3.75G&UHF900 Performance. Geodetic 555 channels GNSS SmartAntenna with integrated 3.75G UMTS and 900MHz RX/TX UHF RTK modems. Includes GPS L1, L2 and L5, 20 Hz Position rate, Raw data logging, RTK unlimited, RTK Network, Reference station setup. Easily upgradeable with GS16 options.

GS16 Options

Article	Description
843513	LOP54, GLONASS option. Enables GLONASS tracking on a GS10, GS15, GS16 or GS25 receiver.
843514	LOP55, Galileo option. Enables Galileo tracking on a GS10, GS15, GS16 or GS25 receiver.
843515	LOP56, BeiDou option. Enables BeiDou tracking on a GS10, GS15, GS16 or GS25 receiver.
856090	LOP73, QZSS option. Enables QZSS tracking on a GS10, GS15, GS16 or GS25 receiver.
767813	LOP10, unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance.
767815	LOP12, unlimted RTK unlimited and Network RTK, enables RTK position to be computed from a single base station and within a RTK network.
767817	LOP14, Upgrade option for GS10, GS15 sensors from RTK unlimited to RTK unlimited including RTK Network. (LOP10 to LOP12).
767816	LOP13, RTK Reference station option, allows a GS10, GS15 sensor to transmit RTK data.

767818   LOP15, NMEA out option,
          enables NMEA to be streamed from
          the GS10, GS15 sensors.

771498	LOP17, OWI control for GS10 and GS15 sensor.
767811	LOP8, RINEX option, allows logging of RINEX data on GS10, GS15 sensor or on a CS field controller.
865277	GRL206, SmartTrack+ Interference Mitigation option for GR30/GR50/GM30 GNSS receiver.

HxGN SmartNet Global

Article	Description
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.
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.
5310900	1year HxGN SmartNet PPP Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.
5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.
5311280	1month HxGN SmartNet PPP Trial

RTK Communication Devices

RTK Radios

Article	Description
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.

| | 789636 | HPR2, Satelline-EASY Pro 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery. |

| | 844965 | HPR3, Satelline-4Pro 35W high power radio, 403-473 Mhz RX/TX radio. Includes power cable for connecting to 12V battery. |

RTK Antennas for GS18 T

	Article	**Description**
	834668	GAT27, Multiband Antenna for 700-2700 MHz GSM/UMTS/LTE mobile networks and 900 MHz radio.
	849256	GAT28, UHF radio antenna, 403-473 MHz
	855149	CA41, RTK arm to mount external RTK antenna to iCG70 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle
	806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.
	806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.
	667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.
	667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.

667236 Base with 5/8 inch screw, for setting
up telescopic rod on tripod.

RTK Antennas for GS16

Article	Description
639964	Gainflex radio antenna, frequency range 400-435MHz.
667243	Gainflex Radio antenna, frequency range 435-470MHz.
806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.
806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.
767790	GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.
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.
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.
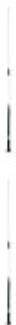
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667220   Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.

| 667236 | Base with 5/8 inch screw, for setting up telescopic rod on tripod. |

RTK Cables

Article	Description
733297	GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.
799776	GEV266, 1.8m Cable to connect Satelline High Power Radio to GS14 GNSS Receiver.
811818	GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711.
636959	2.8m antenna cable.
667201	1.6m extension for antenna cable.

RTK Accessories

Article	Description
790314	GVP703, Softbag for accessories or tablet computer CS25.
806097	GVP 712, conatiner for Satel radio and accessories.

	806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.
	806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.
	748417	GHT58, Bracket to mount a radio built into the Leica GFU radio housing on a tripod.
	767896	GHT64 Holder for GFU Radios. Attaches to all GPS poles.
	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

Quick Guides

Article	Description
798190	Leica GS14/GS16 QG,en
798192	Leica GS14/GS16 QG,fr
851576	Leica GS18 QG,multil.1
851577	Leica GS18 QG,multil.2
851578	Leica GS18 QG,multil.3
851579	Leica GS18 QG,multil.4

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GNSS Receiver & Options

GS25

Article	Description
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.
838043	GS25 Unlimited. Geodetic 555 channels GNSS receiver with all GS25 options. Event and PPS Output ports. USB port and internal battery.

GS10

Article	Description
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.
838032	GS10 Unlimited. Geodetic 555 channels GNSS receiver with all GS10 options.

GS10/25 Options

Article	Description
843513	LOP54, GLONASS option. Enables GLONASS tracking on a GS10, GS15, GS16 or GS25 receiver.
843514	LOP55, Galileo option. Enables Galileo tracking on a GS10, GS15, GS16 or GS25 receiver.
843515	LOP56, BeiDou option. Enables BeiDou tracking on a GS10, GS15, GS16 or GS25 receiver.
767813	LOP10, unlimited RTK option, enables RTK positions to be computed from a single base station with no limit of distance.

767815   LOP12, unlimted RTK unlimited and
Network RTK, enables RTK position to be
computed from a single base station and
within a RTK network.

767808   LOP5, 20 Hz option,
enables to compute 20 Hz positions

767817   LOP14, Upgrade option for GS10,
GS15 sensors from RTK unlimited to
RTK unlimited including RTK Network.
(LOP10 to LOP12).

767816   LOP13, RTK Reference station option,
allows a GS10, GS15 sensor to
transmit RTK data.

767818   LOP15, NMEA out option,
enables NMEA to be streamed from
the GS10, GS15 sensors.

771498   LOP17, OWI control for
GS10 and GS15 sensor.

767811   LOP8, RINEX option,
allows logging of RINEX data on
GS10, GS15 sensor or on a
CS field controller.

865277   GRL206, SmartTrack+ Interference Mitigation option
for GR30/GR50/GM30 GNSS receiver.

HxGN SmartNet Global

Article	Description
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.
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.
5310900	1year HxGN SmartNet PPP Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.

HxGN SmartNet

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5311279   1year HxGN SmartNet+State/Region
Includes access to Network RTK correction services
and RTK bridging to fill interruptions.

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5311280	1month HxGN SmartNet PPP Trial

GNSS Antennas & Cables

Antennas for GS10/25 Receiver

Article	Description
892427	AS11, High precision multi-frequency GNSS antenna.

Antenna Cables

Article	Description
667200	1.2m antenna cable.
667201	1.6m extension for antenna cable.
724969	GEV194, 1.8m antenna cable, To be used for balanced all-on-the-pole setup.
636959	2.8m antenna cable.
632372	10m antenna cable.

RTK Communication Devices

for GS25

Article	Description
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.
776236	SLG1-2, 5-Band (850/900/1800/1900/2100 Mhz) Telit 3G GSM/GPRS/UMTS module. Provides full flexibilty due to 5 -band technology, supports all GSM,GPRS,EDGE and UMTS network providers. Can easily plugged into the GR GNSS receiver.

789636   HPR2, Satelline-EASY Pro 35W high power
radio, 403-473 Mhz RX/TX radio.
Includes power cable for connecting to
12V battery.

844965   HPR3, Satelline-4Pro 35W high power radio, 403-473 Mhz
RX/TX radio. Includes power cable for connecting to 12V
battery.

for GS10

Article	Description
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.

767861   GFU29, 5 band UMTS module for global use in GFU housing.
Compatible with GSM, GPRS, EDGE, HSDPA networks.

789636   HPR2, Satelline-EASY Pro 35W high power
radio, 403-473 Mhz RX/TX radio.
Includes power cable for connecting to
12V battery.

844965   HPR3, Satelline-4Pro 35W high power radio, 403-473 Mhz
RX/TX radio. Includes power cable for connecting to 12V
battery.

RTK Antennas

Article	Description
639964	Gainflex radio antenna, frequency range 400-435MHz.

667243   Gainflex Radio antenna, frequency range
435-470MHz.

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782500	GAT18, Multiband GSM/UMTS Antenna for 850/1900MHz for 900/1800MHz and 2100Mhz mobile networks.
806099	GAT 23 UHF Antenna 430-450Mhz with NMO connector.
806100	GAT 24 UHF Antenna 450-470Mhz with NMO connector.
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.
667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.
667236	Base with 5/8 inch screw, for setting up telescopic rod on tripod.

RTK Cables

Article	Description
733297	GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.
767898	GEV233, cable connects GS10/GS15 Port2 to System1200 GFU devices, length 0.8m

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| 767897 | GEV232, cable connects GS10/GS15 Port to System1200 GFU devices, length 2.8m |

| 817713 | GEV275 Datacable 1.8m, connects Satelline HPR UHF-radio with GS sensor. |

| 811818 | GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio and battery with SAE connector from GVP711. |
| 809029 | GEV273, cable Lemo and RS232 connection, for programming a HPR2 Satel radio. |

| 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. |

RTK Accessories

Article	**Description**
790314	GVP703, Softbag for accessories or tablet computer CS25.
806097	GVP 712, conatiner for Satel radio and accessories.
806098	GST74, antenna mast with aluminium tripod. Expandable height up to 5m with radio antenna. Including soft bag.
806101	GAD117 Adapter for mounting antenna at top of GST74 mast, including 5m cable.

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Quick Guides

Article	Description
793289	Leica Viva GS10 QuickGuide,en
793291	Leica Viva GS10 QuickGuide,fr
793316	Leica GS25 Quick Guide,en
793318	Leica GS25 Quick Guide,fr

Power Supply

Article	Description
772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.
793973	GEB222, Lithium Ion battery, 7.4V/6Ah, chargeable.
793975	GEB242, Lithium Ion battery, 14.8V/5.8Ah, chargeable.
905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, mutlilingual, included
774437	GEV242, Charger for GEB371 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.
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.
799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222, GEB241/242, GEB331/333 and GEB361/363, AC adapter included.

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	734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.
	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.
	439038	Car battery cable 4m, to connects 12V car battery.
	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.
	756365	GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery.
	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.
	905306	GEB333 Battery int Li-Ion 11.1V/3500mAh
	905307	GEB363 Battery int Li-Ion 10.8V/6900mAh
	954519	GEB364 Battery int Li-Ion 11.1V/7000mAh

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954518   GEB334 Battery int Li-Ion 10.8V/3450mAh

Data Storage & Transfer

Article	Description
767856	MSD1000, SD memory card 1GB

795993   MMSD01 MicroSD Memory Card 1GB.

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

733280   GEV160, 2.8m Data transfer cable,
          connects GPS1200 or RX1220 to PC
          (9-pin RS232 serial).

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.

806094   GEV268, Data transfer cable, converter
          cable Lemo to USB connector, 2.0m.
          connects GNSS receiver to PC.

806095   GEV 269, Data transfer cable, converter
          cable Lemo to USB A connector, 2.0m,
          connects GNSS receiver, controller or
          TM30/TS30 to PC.

767899   GEV234, 1,65m cable to connect the
CS field controller to
GS15 SmartAntenna for data transfer.
USB A to Lemo connector.

772807   GEV237, cable, 1.65 m, to connect
GS15/GS10 sensor to Lemo port on a
CS field controller.

Transport Container

Article	Description
833516	GVP716 Backpack for Container
833517	GVP717 Sidebag for container GVP721/722/723/725/728/735.
833518	GVP718 Basic backstraps for container GVP721/722/723/725/728/735.
833519	GVP719 Shoulderstrap for container GVP721/722/723/725/728/735.
937440	GVP743, Small-sized hard container for Smart-Antenna, CS10, CS15, CS20, CS30 field controller and accessories for a rover setup.
937441	GVP744, Hard container for 2 SmartAntennas, CS field controller and accessories for a base and rover setup.

	937439	GVP742 Hard container for GS10/GS25 receiver, CS field controller/tablet and accessories for a base or rover setup.
	770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.
	937437	GVP740 Hard container for SmartAntenna, CS Field Controller and accessories for a SmartPole and SmartStation setup.

Set up on Tripod

	Article	Description
	399244	Tripod GST05, telescopic, with polymer coating, with accessories.
	563630	Aluminium-Tripod GSTO5L, telescopic, with accessories.
	667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.
	777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.
	777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.

	770715	GRT247, Carrier with 5/8" screw for GS15.
	667216	GRT146 Carrier with 5/8 inch screw, GPS antenna screws on directly.
	667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.
	667244	Height hook with integrated tape measure.
	842062	GDF312 Tribrach with optical plummet, professional 3000 series, green.

Set up on Pole

	Article	**Description**
	752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m
	768226	GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas.

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	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.
	754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.
	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
	733265	GHT40, Holder for GX1210 / GX1220 / GX1230 GPS Receiver for balanced all-on-the-pole setup.
	767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole
	807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.
	770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.
	560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.

667319	Dual-strut support GSR111, for all GLS	
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.	
667219	Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm.	
767790	GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.	
855149	CA41, RTK arm to mount external RTK antenna to iCG70 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle	
667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.	
667200	1.2m antenna cable.	
667201	1.6m extension for antenna cable.	
636959	2.8m antenna cable.	

	925664	GHT81 Holder for CS30 tablet

SmartStation Setup

	Article	**Description**
	767802	GAD110 SmartStation Adapter. Required to attach a SmartAntenna onto a total station for SmartStation Setup.

Active Customer Care

Enduser CCP

	Article	**Description**
CUSTOMER CARE PACKAGE CCP	6003680	1 yr Viva (GS1X+CS10/15+SW) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
	6003681	2 yr Viva (GS1X+CS10/15+SW) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
	6003682	3 yr Viva (GS1X+CS10/15+SW) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
	6006247	5 yr Viva GNSS (GS10/15+CS+SW) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
	6003692	1 yr Viva (GS1X+CS10/15+SW) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
	6003693	2 yr Viva (GS1X+CS10/15+SW) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.

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6003694   3 yr Viva (GS1X+CS10/15+SW) Blue CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support.

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6011362	5 yr Viva (GS1X+CS10/15+SW) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6003704	2 yr Viva (GS1X+CS10/15+SW) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6003705	3 yr Viva (GS1X+CS10/15+SW) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6011366	5 yr Viva (GS1X+CS10/15+SW) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6003706	1 yr Ext. Viva (GS1X+CS10/15+SW) Bronze, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6003716	2 yr Viva (GS1X+CS10/15+SW) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6003717	3 yr Viva (GS1X+CS10/15+SW) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6011370	5 yr Viva (GS1X+CS10/15+SW) Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6003718	1yr Ext.Viva(GS1X+CS10/15+SW)Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.

6003728   3 yr Viva (GS1X+CS10/15+SW) Gold CCP,
consisting of:
3 yr HW Maintenance,
3 yr SW Maintenance,
3 yr Customer Support,
2 yr Extended Warranty.

6011374   5 yr Viva (GS1X+CS10/15+SW) Gold CCP,
consisting of:
5 yr HW Maintenance,
5 yr SW Maintenance,
5 yr Customer Support,
4 yr Extended Warranty.

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6003686	1 yr Viva GNSS (GS1X) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6003687	2 yr Viva GNSS (GS1X) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6003688	3 yr Viva GNSS (GS1X) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6009618	5 yr Viva GNSS (GS1X) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6003698	1 yr Viva GNSS (GS1X) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6003699	2 yr Viva GNSS (GS1X) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6003700	3 yr Viva GNSS (GS1X) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009631	5 yr Viva GNSS (GS1X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6003710	2 yr Viva GNSS (GS1X) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6003711	3 yr Viva GNSS (GS1X) Bronze CCP, , consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6009640	5 yr Viva GNSS (GS1X) Bronze CCP consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.

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6003712	1 yr Ext. Viva GNSS (GS1X) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.

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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.

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.

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.

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.

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.

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.

6009614   1 yr Viva GNSS (GS1X+CS20) Basic CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support.

6009615   2 yr Viva GNSS (GS1X+CS20) Basic CCP,
consisting of:
2 yr SW Maintenance,
2 yr Customer Support.

6009616   3 yr Viva GNSS (GS1X+CS20) Basic CCP,
consisting of:
3 yr SW Maintenance,
3 yr Customer Support.

6009617   5 yr Viva GNSS (GS1X+CS20) Basic CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support,

6009627   1 yr Viva GNSS (GS1X+CS20) Blue CCP,
consisting of:
1 yr HW Maintenance,
1 yr SW Maintenance,
1 yr Customer Support.

6009628   2 yr Viva GNSS (GS1X+CS20) Blue CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support.

6009629	3 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6009630	5 yr Viva GNSS (GS1X+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6009636	2 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6009637	3 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6009638	5 yr Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6009639	1yrExt. Viva GNSS (GS1X+CS20) Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
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.
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.
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.

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.

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.

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.
6011300	1 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6011301	2 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6011302	3 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011303	5 yr Viva GNSS (GS0X+CS20) Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6011304	1 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6011305	2 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
6011306	3 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
6011307	5 yr Viva GNSS (GS0X+CS20) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6011322	2 yr Viva GNSS (GS0X+CS20) Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.

6011323   3 yr Viva GNSS (GS0X+CS20) Bronze CCP,
          consisting of:
          3 yr SW Maintenance,
          3 yr Customer Support,
          2 yr Extended Warranty.

6011324   5 yr Viva GNSS (GS0X+CS20) Bronze CCP,
          consisting of:
          5 yr SW Maintenance,
          5 yr Customer Support,
          4 yr Extended Warranty.

6011325   1 yrExt. Viva GNSS (GS0X+CS20) Bronze CCP,
          consisting of:
          1 yr SW Maintenance,
          1 yr Customer Support,
          1 yr Extended Warranty.

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USA

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.

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.

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.

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.

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.

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.

6006736 1 yr Viva GNSS (GS08/12) Basic
CCP, consisting of:
1 yr Customer Support.

6006737 2 yr GNSS (GS08/12) Basic
CCP, consisting of:
2 yr Customer Support.

6006738 3 yr Viva GNSS (GS08/12) Basic
CCP, consisting of:
3 yr Customer Support.

6011361 5 yr GNSS (GS0X) Basic CCP,
consisting of:
5 yr SW Maintenance,
5 yr Customer Support.

6006739	1 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support.
6006740	2 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support.
6006741	3 yr Viva GNSS (GS08/12) Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support.

6011365	5 yr GNSS (GS0X) Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
6006742	2 yr Viva GNSS (GS08/12) Bronze CCP
6006743	3 yr Viva GNSS (GS08/12) Bronze CCP
6011369	5 yr GNSS (GS0X) Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6006744	1 yr Ext. Viva GNSS (GS08/12) Bronze CCP
6006745	2 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 2 yr HW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
6006746	3 yr Viva GNSS (GS08/12) Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
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.
6006747	1 yr Ext. Viva GNSS (GS08/12) Silver CCP, consisting of: 1 yr HW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.
6006748	3 yr Viva GNSS (GS08/12) Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
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.

Training

Article	Description
5002248	Viva GNSS Full Day Workflow Training
5002250	Viva GNSS Commissioning

Instruments CS20

Article	Description
876476	CS20 Field Controller. 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, QWERTY keypad, stylus.
876479	CS20 LTE 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, QWERTY keypad, stylus.
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 QWERTY keypad, stylus.
833039	Leica Captivate TS12 connection for CS20

TPS specific HW

Article	Description
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 -
812027	GAT25, radio antenna for CTR20 long range TS communication module.(Frequency range 2402 - 2480MHz).

- when it has to be right

818467   RadioHandle with integrated long range
Bluetooth module and radio antenna.
Used as radio modem for Leica Viva TPS
and Leica Nova instruments.
Establishes communication to CS15 field
controller or external radio modem
TCPS29/30 (frequency range 2402 - 2480MHz,
fulfils EN 300 328 V.1.8.1).

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).
734163	GHT43, Adapter for mounting TCPS26/27 on GST20/GST120 tripod.
767802	GAD110 SmartStation Adapter. Required to attach a SmartAntenna onto a total station for SmartStation Setup.

GNSS specific HW

Article	Description
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.
817014	GAT26, CGR4 radio antenna, 400-470MHz, UHF radio antenna for CGR4 expansion pack.

Captivate f. CS

Captivate Base License f. CS20

Article	Description
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.

Captivate Apps f. CS20

Article	Description
827699	Leica Captivate Measure Stake Line CS20. License key which allows the staking and measuring of points relative to a line, arc or polyline.
827704	Leica Captivate Road CS20. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.
827705	Leica Captivate Tunnel CS20. License key which allows the staking and measuring to a tunnel design.
827706	Leica Captivate Rail CS20. License key which allows the staking and measuring of points relative to a railway alignment.
827700	Leica Captivate Measure Plane Grid CS20. License key which allows the measuring of points relative to a plane.
827701	Leica Captivate Area Division CS20. License key which allows an area to be divided into sub-areas using a variety methods.
827702	Leica Captivate DTM Stakeout CS20. License key which allows a DTM to be staked.
827703	Leica Captivate Volume Calculation CS20. License key which allows a surface to be measured and volume to be computed.
827708	Leica Captivate TS Hidden Point CS20. License key which allows a 'hidden point' to be measured.
827709	Leica Captivate Traverse CS20. License key which allows a traverse to be measured and computed.
827711	Leica Captivate Sets of Angles CS20. License key which allows multiple rounds of total station measurements to be made.
827712	Leica Captivate QuickVolume CS20. License key which allows a volume to be computed from scanned data and/or measured points.
834295	Leica Captivate Offset+ app for CS20. Can be used with GS and TS instruments.
834296	Leica Captivate Athletics app for CS20. For use with TS instruments only.
834298	Leica Captivate Forward Intersection app for CS20.
834299	Leica Captivate Zenith Line app for CS20. Can be used with GS and TS instruments.
834303	Leica Captivate Quick Setup apps for CS20. Allows setup the instrument without having or enterig coordinates. Can be used with TS.
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.

834310   Leica Captivate Seismic stakeout app for CS20.
               For use with GS instruments only.

834322	Leica Captivate Forward Station for CS20.
	Used in Mining for the Austalian market. To be used with TS.
834323	Leica Captivate Piling for CS20.
	Application for positioning and orientating piles. To be used with a TS.
834308	Leica Captivate GPSeismic Export for CS20.
	Exports SQlite data that can be read in GPSeismic.
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.
839679	Leica Captivate Inspect Surfaces for CS20.
	Allows to compare multiple scans or points against other scans or surfaces.
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.
848372	Leica Captivate Inspect Road for CS20.
	Allows to compare multiple scans or points against a Road surface.
848374	Captivate Inspect Tunnel for CS20.
	Allows to compare multiple scans or points against a Tunnel
846827	Leica Captivate TPS Survey Streaming app for CS20.
	Streams ASCII messages with EDM time stamp in different formats and for different conditions.
836670	Leica Captivate Tunnel Profile Generator for CS20.
	Allows scanning tunnel profiles if the tunnel app is loaded.
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.
848368	Leica Captivate Inventory (Montreal) app for CS20.
	Survey, view and edit items that require nested attributes coding.
850623	Leica Captivate ESRI Shapfile Exporter app for CS20.
	Allows export the data to Shapefile format.
865658	Leica Captivate Compaction Control app for CS20.
	This app provides a control method to get the compaction objective and document the results
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.

865038	Leica Captivate Pipeline (Montreal) application for CS20. Survey, view and edit items that require "pipeline" specific coding features. Supports barcoding.

869756	Leica Captivate Structural Steel app for CS20. This app provides the methods to streamline the steel assembly workflow using a TPS instrument
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.
878184	Leica Captivate Pulse app for CS20. Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events.
870552	Leica Captivate Trig Levels (Montreal) app for CS20. Conventional trigonometric levelling from two faces TS measurements average.
870555	Leica Captivate Quick Ground (Montreal) app for CS20. Create a ground coordinate system from an existing grid coordinate system.
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.
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.
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.
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.
920746	Leica Captivate TS Mining application for CS20. This app provides the methods to work in underground mining.
923923	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files
923926	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.

- when it has to be right

Leica Geosystems

923929	Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
939874	Leica Captivate Kahramaa application for CS20. Application to convert
939878	Captivate PTS exporter for CS20. Allows exporting scan data in PTS
944939	Leica Captivate Custom Field Data Export CS20. Allows exporting field

947161	Leica Captivate Orthogonale Punkte für CS20. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation
947164	Leica Captivate Kleinpunktberechnung für CS20 - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via
949840	Leica Captivate Stakeout Trees application for CS20. Application to stake the position of trees or plants according to the planting pattern.
952802	Leica Captivate AD Tasker application for CS20. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
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.

Power Supply CS20

	Article	**Description**
	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.
	799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222, GEB241/242, GEB331/333 and GEB361/363, AC adapter included.
	734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.
	822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.

8/24/2022

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Leica Geosystems Inc
5051 Peachtree Corners Circle, Suite 250
NORCROSS GA 30092
USA

- when it has to be right

905306   GEB333 Battery int Li-Ion 11.1V/3500mAh

954518   GEB334 Battery int Li-Ion 10.8V/3450mAh

Data Storage & Transfer

Article	Description
767856	MSD1000, SD memory card 1GB

789139	MSD8, SD memory card 8GB.

765199	MS1, USB memory stick, 1GB.

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

Pen & Screen Protection Foil CS20

Article	Description
813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/ TS/MS60 instruments.

813582	GHT76 Tether to connect GDZ71 Pen to CS20 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. |

Holder/Carrying Accessories

Article	Description
807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.
767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole
807245	GHT68, Utility hook for CS20 field controller for attaching to belt or tripod.
807158	GHT67 Hand strap for CS20 field controller.
845832	GHT70, Holder to attach a CS10/15/20/35 with his designated controller holder to a tripod.

Active Customer Care

Enduser CCP

CUSTOMER CARE PACKAGE CCP

Article	Description
6009619	1 yr CS20 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support

	6009620	2 yr CS20 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support
	6009621	3 yr CS20 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support
	6009622	5 yr CS20 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support
	6009632	1 yr CS20 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
	6009633	2 yr CS20 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.
	6009634	3 yr CS20 Blue CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support.
	6009635	5 yr CS20 Blue CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support.
	6009641	2 yr CS20 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
	6009642	3 yr CS20 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
	6009643	5 yr CS20 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.

6009644 1 yr Ext. CS20 Bronze CCP,
consisting of:
1 yr SW Maintenance,
1 yr Customer Support,
1 yr Extended Warranty.

6009652 2 yr CS20 Silver CCP,
consisting of:
2 yr HW Maintenance,
2 yr SW Maintenance,
2 yr Customer Support,
1 yr Extended Maintenance

6009653	3 yr CS20 Silver CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Maintenance.
6009654	5 yr CS20 Silver CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Maintenance.
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.
6009659	3 yr CS20 Gold CCP, consisting of: 3 yr HW Maintenance, 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
6009660	5 yr CS20 Gold CCP, consisting of: 5 yr HW Maintenance, 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.

Quick Guides

Article	Description
896293	Leica CS20 GS Sensor QG,multil.1
896294	Leica CS20 GS Sensor QG,multil.2

Leica Geosystems Inc
5051 Peachtree Corners Circle, Suite 250
NORCROSS GA 30092
USA

Instruments CS30

Article	Description
925660	CS30 LTE, Ruggedized Win10 LTSC 64-bit Tablet Computer including: 7" touch-widescreen, 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.
926415	CS30 LTE LRBT, Ruggedized Win10 LTSC 64-bit Tablet Computer including: 7" touch-widescreen, 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 f. CS

Captivate Base License f. CS30

Article	Description
827719	Leica Captivate Measure & Stakeout CS3x. License key which allows the staking and measuring of points relative to a line, arc or polyline on CS3x.

Captivate Apps f. CS30

Article	Description
827720	Leica Captivate Measure Stake Line CS3x. License key which allows the staking and measuring of points relative to a line, arc or polyline.
827721	Leica Captivate Measure Plane Grid CS3x. License key which allows the measuring of points relative to a plane.
827722	Leica Captivate Area Division CS3x. License key which allows an area to be divided into sub-areas using a variety methods.
827723	Leica Captivate DTM Stakeout CS3x. License key which allows a DTM to be staked.
827724	Leica Captivate Volume Calculation CS3x. License key which allows a surface to be measured and volume to be computed.
827725	Leica Captivate Road CS3x. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.
827726	Leica Captivate Tunnel CS3x. License key which allows the staking and measuring to a tunnel design.
827727	Leica Captivate Rail CS3x. License key which allows the staking and measuring of points relative to a railway alignment.
827728	Leica Captivate TS Hidden Point CS3x. License key which allows a 'hidden point' to be measured.
827729	Leica Captivate Traverse CS3x. License key which allows a traverse to be measured and computed.
827730	Leica Captivate Sets of Angles CS3x. License key which allows multiple rounds of total station measurements to be made.
827731	Leica Captivate QuickVolume CS3x. License key which allows a volume to be computed from scanned data and/or measured points.
834683	Captivate Athletics app for CS3x. For use with TS instruments only.
834685	Captivate Forward Intersection app for CS3x.
834686	Captivate Zenith Line app for CS3x.
834688	Captivate Set Orientation app for CS3x. Sets the orientation of the total station to 0 or to any user entered value. Can be used with TS instruments.
834689	Captivate Quick Setup app for CS3x. Allows setup of the instrument without entering coordinates. Can be used with TS instruments.

834691   Leica Captivate Auto Setup app for CS3x.
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.

834694	Leica Captivate GPSeismic Export app for CS3x. Exports SQlite data that can be read in GPSeismic.
834696	Leica Captivate Seismic stakeout app for CS3x. For use with GS instruments only.
836671	Leica Captivate Tunnel Profile Generator app for CS3x. Allows scanning tunnel profiles if the tunnel app is loaded.
848369	Leica Captivate Inventory (Montreal) app for CS3x. Survey, view and edit items that require nested attributes coding.
854397	Captivate ASCII with format file (Custom) export for CS3x. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.
839681	Captivate Inspect Surfaces app for CS3x. Allows to compare multiple scans or points against other scans or surfaces.
846828	Leica Captivate TPS Survey Streaming app for CS3x. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.
848371	Leica Captivate TPS Monitoring app for CS3x. Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.
848373	Leica Captivate Inspect Road for CS3x. Allows to compare multiple scans or points against a Road surface.
848375	Captivate Inspect Tunnel for CS3x. Allows to compare multiple scans or points against a Tunnel surface.
850624	Leica Captivate ESRI Shapfile Exporter app for CS3x. Allows export the data to Shapefile format.
865659	Leica Captivate Compaction Control app for CS3x. This app provides a control method to get the compaction objective and documents the results
867336	Leica Captivate Stakeout Auto Points app for CS3x. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.
865039	Leica Captivate Pipeline (Montreal) application for CS3x. Survey, view and edit items that require "pipeline" specific coding features.
869757	Leica Captivate Structural Steel app for CS3x. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.
873647	Leica Captivate TS Hidden Point+ app for CS3x. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.

878185   Leica Captivate Pulse app for CS3x.
Automatically stores pulse event points in the DBX
database and allows point code assignment to pulse events.

870550   Leica Captivate Quick Ground (Montreal) application for
CS3x. Create a ground coordinate system from an existing
grid coordinate system.

870553   Leica Captivate Trig Levels (Montreal) application for
CS3x. Conventional trigonometric levelling from two
faces TS measurements average.

889053	Leica Captivate ADSK BIM360 Docs CS3x. 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.
889056	Leica Captivate ADSK BIM360 1y Lic CS3x. 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.
834707	Leica Captivate Forward Station for CS3x. Used in Mining for the Austalian market. To be used with a TS.
834708	Leica Captivate Piling for CS3x. Application to position and orientate piles. To be used with a TS.
903363	Leica Captivate ConX 1y Lic CS3x. 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.
903365	Leica Captivate ConX 2y Lic CS3x. 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.
903366	Leica Captivate ConX 3y Lic CS3x. 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.
920744	Leica Captivate Resection Sets application for CS3x. This application allows to setup the instrument based on a resection calculated from measurement sets to several targets.
920747	Leica Captivate TS Mining application for CS3x. This app provides the methods to work in underground mining.
923924	Leica Captivate Bricsys 24/7 1y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
923927	Leica Captivate Bricsys 24/7 2y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
923932	Leica Captivate Bricsys 24/7 3y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
937674	Leica Captivate Inspect Layer application for CS3x. Application to calculate the thinkness between two meaured scans. The scans can be measured using a BLK360 or RTC360 scanner.
939876	Leica Captivate Kahramaa application for CS3x. Application to convert the measurement job in the specified format for the company Kahramaa.

939879   Captivate PTS exporter for CS3x.
Allows exporting scan data in PTS format.

944940   Leica Captivate Custom Field Data Export CS3x.
Allows exporting field data into Bentley RW5 and SSMC
Civil3d format.

947162   Leica Captivate Orthogonale Punkte für CS3x.
Transformation von Risskoordinaten in
Messgebietskoordinaten und umgekehrt mit den
Transformationstypen Kleinpunkttransformation,
Helmert-Transformation und Affine Transformation.

947165	Leica Captivate Kleinpunktberechnung für CS3x - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via Kleinpunkttransformation.
949841	Leica Captivate Stakeout Trees application for CS3x. Application to stake the position of trees or plants according to the planting pattern.
952803	Leica Captivate AD Tasker application for CS3x. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
957605	Leica Captivate Quick Stake application for CS3x. 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.

Power Supply CS30

Article	Description
925663	GEB260 Battery int Li-Ion 11.1V/3000mAh
925661	GEV288 Power supply unit, CS30
926459	GKL260 Multi-Bay Charger for GEB260
926054	AC Power cable C5 / Type_B: US/CAN
926055	AC Power cable C5 / Type_F: EU
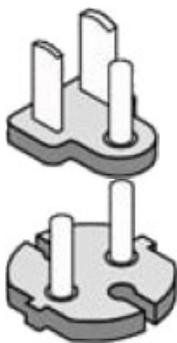
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Leica Geosystems
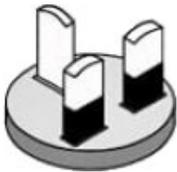
	926056	AC Power cable C5 / Type_G: UK/HK
	926057	AC Power cable C5 / Type_I: AUS/NZ/CN
	926058	AC Power cable C5 / Type_J: CH
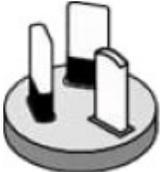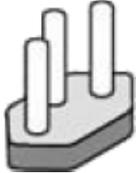
Pen & Screen Foils

Article	Description
925662	SPF10 Screen protection foil for CS30
925666	GDZ80 Stylus for CS30

Holder/Carrying Accessories

Article	Description
925664	GHT81 Holder for CS30 tablet
767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole

Active Customer Care

Enduser CCP

Article	Description
6016375	1 yr CS30 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support

CUSTOMER CARE PACKAGE CCP

	6016376	2 yr CS30 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support
	6016377	3 yr CS30 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support
	6016378	5 yr CS30 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support
	6016379	2 yr CS30 Bronze CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support, 1 yr Extended Warranty.
	6016380	3 yr CS30 Bronze CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support, 2 yr Extended Warranty.
	6016382	1 yr Ext. CS30Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.

Quick Guides

Article	Description
924349	CS30 Quick Guide Multilingual Volume 1
924350	CS30 Quick Guide Multilingual Volume 2

Instruments CS35

Article	Description
848131	CS35-2 US CA, Ruggedized Win10 64-bit Tablet Computer including: 10" touch-widescreen, 128 GB SSD hard drive, 8 GB SDRAM, WLAN 802.11 b/g/n/a/ac, 4G Integrated Mobile Broadband module, Bluetooth v4.1, Stylus, 1x Battery (4.1Ah), AC/DC adaptor and 8MP camera with flash.
833132	CS35-3. CA, Ruggedized Win8.1 Pro 64-bit Tablet Computer including: 10" touch-widescreen, 128 GB SSD hard drive, 4 GB SDRAM, WLAN 802.11 b/g/n, 4G Integrated Mobile Broadband module, Bluetooth v4.0, Stylus, 1x Battery (4.1Ah), AC/DC adaptor and 5MP camera with flash.
875364	CS35-2 US CA, Ruggedized Win10 64-bit Tablet Computer including: 10" touch-widescreen, 256 GB SSD hard drive, 8 GB SDRAM, WLAN 802.11 b/g/n/a/ac, 4G Integrated Mobile Broadband module, Bluetooth v4.1, Stylus, 1x Battery (4.2Ah), AC/DC adaptor and 8MP camera with flash.

TPS specific HW

Article	Description
844474	CTR35, Radio device with integrated radio module and integrated antenna, Quick Guide. Used as radio modem on CS35 tablet. (frequency range 2402-2480 MHz)
818467	RadioHandle with integrated long range Bluetooth module and radio antenna. Used as radio modem for Leica Viva TPS and Leica Nova instruments. Establishes communication to CS15 field controller or external radio modem TCPS29/30 (frequency range 2402 - 2480MHz, fulfils EN 300 328 V.1.8.1).
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).

	734163	GHT43, Adapter for mounting TCPS26/27 on GST20/GST120 tripod.
	767802	GAD110 SmartStation Adapter. Required to attach a SmartAntenna onto a total station for SmartStation Setup.

Captivate f. CS

Captivate Base License f. CS35

Article	Description
827719	Leica Captivate Measure & Stakeout CS3x. License key which allows the staking and measuring of points relative to a line, arc or polyline on CS3x.

Captivate Apps f. CS35

Article	Description
827720	Leica Captivate Measure Stake Line CS3x. License key which allows the staking and measuring of points relative to a line, arc or polyline.
827721	Leica Captivate Measure Plane Grid CS3x. License key which allows the measuring of points relative to a plane.
827722	Leica Captivate Area Division CS3x. License key which allows an area to be divided into sub-areas using a variety methods.
827723	Leica Captivate DTM Stakeout CS3x. License key which allows a DTM to be staked.
827724	Leica Captivate Volume Calculation CS3x. License key which allows a surface to be measured and volume to be computed.
827725	Leica Captivate Road CS3x. License key which allows the staking and measuring of points relative to a road alignment, or other complex alignment.
827726	Leica Captivate Tunnel CS3x. License key which allows the staking and measuring to a tunnel design.

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827727   Leica Captivate Rail CS3x.
           License key which allows the staking and measuring of
           points relative to a railway alignment.

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827728	Leica Captivate TS Hidden Point CS3x. License key which allows a 'hidden point' to be measured.
827729	Leica Captivate Traverse CS3x. License key which allows a traverse to be measured and computed.
827730	Leica Captivate Sets of Angles CS3x. License key which allows multiple rounds of total station measurements to be made.
827731	Leica Captivate QuickVolume CS3x. License key which allows a volume to be computed from scanned data and/or measured points.
834683	Captivate Athletics app for CS3x. For use with TS instruments only.
834685	Captivate Forward Intersection app for CS3x.
834686	Captivate Zenith Line app for CS3x.
834688	Captivate Set Orientation app for CS3x. Sets the orientation of the total station to 0 or to any user entered value. Can be used with TS instruments.
834689	Captivate Quick Setup app for CS3x. Allows setup of the instrument without entering coordinates. Can be used with TS instruments.
834691	Leica Captivate Auto Setup app for CS3x. 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.
834694	Leica Captivate GPSeismic Export app for CS3x. Exports SQlite data that can be read in GPSeismic.
834696	Leica Captivate Seismic stakeout app for CS3x. For use with GS instruments only.
836671	Leica Captivate Tunnel Profile Generator app for CS3x. Allows scanning tunnel profiles if the tunnel app is loaded.
848369	Leica Captivate Inventory (Montreal) app for CS3x. Survey, view and edit items that require nested attributes coding.
854397	Captivate ASCII with format file (Custom) export for CS3x. Adds a string number attribute to points associated with lines and exports using the standard ASCII with format file export.
839681	Captivate Inspect Surfaces app for CS3x. Allows to compare multiple scans or points against other scans or surfaces.
846828	Leica Captivate TPS Survey Streaming app for CS3x. Streams ASCII messages with EDM TimeStamp in different formats and for different conditions.
848371	Leica Captivate TPS Monitoring app for CS3x. Supports effectiv field campaing functionlity for classic deformation monitoring with direct interface to the Leica GeoMoS Monitoring Solution.

848373   Leica Captivate Inspect Road for CS3x.
            Allows to compare multiple scans or points against a
            Road surface.
848375   Captivate Inspect Tunnel for CS3x.
            Allows to compare multiple scans or points against a
            Tunnel surface.
850624   Leica Captivate ESRI Shapfile Exporter app for CS3x.
            Allows export the data to Shapefile format.

865659	Leica Captivate Compaction Control app for CS3x. This app provides a control method to get the compaction objective and documents the results
867336	Leica Captivate Stakeout Auto Points app for CS3x. This app provides a method to stake out points automatically using motorised TPS and reflectorless measurements.
865039	Leica Captivate Pipeline (Montreal) application for CS3x. Survey, view and edit items that require "pipeline" specific coding features.
869757	Leica Captivate Structural Steel app for CS3x. This app provides the methods to streamline the steel assembly workflow using a TPS instrument.
873647	Leica Captivate TS Hidden Point+ app for CS3x. This app provides the methods to calculate the coordinates for hidden points, measuring to one or two hidden point bar using a TS instrument.
878185	Leica Captivate Pulse app for CS3x. Automatically stores pulse event points in the DBX database and allows point code assignment to pulse events.
870550	Leica Captivate Quick Ground (Montreal) application for CS3x. Create a ground coordinate system from an existing grid coordinate system.
870553	Leica Captivate Trig Levels (Montreal) application for CS3x. Conventional trigonometric levelling from two faces TS measurements average.
889053	Leica Captivate ADSK BIM360 Docs CS3x. 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.
889056	Leica Captivate ADSK BIM360 1y Lic CS3x. 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.
834707	Leica Captivate Forward Station for CS3x. Used in Mining for the Austalian market. To be used with a TS.
834708	Leica Captivate Piling for CS3x. Application to position and orientate piles. To be used with a TS.
903363	Leica Captivate ConX 1y Lic CS3x. 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.
903365	Leica Captivate ConX 2y Lic CS3x. 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.

903366   Leica Captivate ConX 3y Lic CS3x.
          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.

920744   Leica Captivate Resection Sets application for CS3x.
          This application allows to setup the instrument based
          on a resection calculated from measurement sets to
          several targets.

920747	Leica Captivate TS Mining application for CS3x. This app provides the methods to work in underground mining.
923924	Leica Captivate Bricsys 24/7 1y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
923927	Leica Captivate Bricsys 24/7 2y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
923932	Leica Captivate Bricsys 24/7 3y CS3x. Allows using Bricsys 24/7 as file exchange service for uploading and downloading files.
937674	Leica Captivate Inspect Layer application for CS3x. Application to calculate the thinkness between two meaured scans. The scans can be measured using a BLK360 or RTC360 scanner.
939876	Leica Captivate Kahramaa application for CS3x. Application to convert the measurement job in the specified format for the company Kahramaa.
939879	Captivate PTS exporter for CS3x. Allows exporting scan data in PTS format.
944940	Leica Captivate Custom Field Data Export CS3x. Allows exporting field data into Bentley RW5 and SSMC Civil3d format.
947162	Leica Captivate Orthogonale Punkte für CS3x. Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt mit den Transformationstypen Kleinpunkttransformation, Helmert-Transformation und Affine Transformation.
947165	Leica Captivate Kleinpunktberechnung für CS3x - Transformation von Risskoordinaten in Messgebietskoordinaten und umgekehrt via Kleinpunkttransformation.
949841	Leica Captivate Stakeout Trees application for CS3x. Application to stake the position of trees or plants according to the planting pattern.
952803	Leica Captivate AD Tasker application for CS3x. Application to send and receive stakeout tasks from the Department of Municipalities and Transport of Abu Dhabi.
957605	Leica Captivate Quick Stake application for CS3x. 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.

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Power Supply CS35

Article	Description
832119	GEB235, Lithium-Ion battery, 10.8V/4.1Ah, chargeable for CS35.
832120	GEB236, Lithium-Ion battery, 10.8V/8.7Ah, chargeable for CS35. High corner guards attached for mounting to a GHT78.
832118	GKL235, Charger for CS35 batteries GEB235 & GEB236, AC/DC adaptor GEV280-x not included.
832115	GEV280-3, AC/DC Adaptor, US, Power Supply for CS35 Tablet.

Pen & Screen Foils

Article	Description
832121	GDZ75, Digitiser Pen for CS35.
851539	GDZ76 Digitiser Pen for CS35, for MK4 models 848130, 848131, 848134.
832122	GHT77, Tether to tie Digitiser Pen GDZ76 to CS35.

832126   SPF06, CS35 Display protection foil, protects Display from scratches.

Holder/Carrying Accessories

Article	Description
832127	GHT78, Holder for attaching a CS35 with a GHT63 clamp to a pole. GHT63 is not included.
767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole
833343	GHT79, hand strap and 4 x high corner guards for CS35.
845832	GHT70, Holder to attach a CS10/15/20/35 with his designated controller holder to a tripod.

Active Customer Care

Enduser CCP

Article	Description
6009623	1 yr CS35 Basic CCP, consisting of: 1 yr SW Maintenance 1 yr Customer Support
6009624	2 yr CS35 Basic CCP, consisting of: 2 yr SW Maintenance 2 yr Customer Support
6009625	3 yr CS35 Basic CCP, consisting of: 3 yr SW Maintenance 3 yr Customer Support

6009626	5 yr CS35 Basic CCP, consisting of: 5 yr SW Maintenance 5 yr Customer Support
6009645	5 yr CS35 Bronze CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support, 4 yr Extended Warranty.
6009646	1 yr Ext. CS35 Bronze CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support, 1 yr Extended Warranty.

Quick Guides

Article	Description
833978	Leica Geomatics License Activation Guide

TS15 Instruments

TS15 G

Article | **Description**
780890 | TS15 G, 1" (0.3 mgon) total station with laser guide GUS74, automatic target recognition, reflectorless R400 EDM, 800 MB Flash Memory, laser plummet, 1 keyboard with touch screen, full VGA colour display, Bluetooth, RadioHandle interface, SmartWorx Viva software (Art. No. 767908), user manual and container.

HW Options

Article | **Description**
820547 | GTS37, 2nd keyboard with full VGA colour glass touch screen, for TS15G / TM50 / TM50I instruments, for telescope position 2, fitted.
308838 | Eyepiece FOK53, supplied from factory with new instrument instead of standard eyepiece
777586 | Kumonos Kit

Certificates

Article | **Description**
812535 | Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz and V.
812536 | Calibration Certificate "Gold" for total stations - by Swiss accredited Calibration Laboratory: Angle Hz, V and Distance measurement to prisms.

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

SW Options

SmartWorx Viva FW

Article	Description
781305	SmartWorx Viva TS licence key.
781308	SmartWorx Viva LT to SmartWorx Viva upgrade option for TS instruments.

SmartWorx Viva TS App.

Article	Description
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.
781311	SmartWorx Viva TS Worksite+ includes: 781322 Viva TS Reference Line, 781326 Viva TS DTM Stakeout and 781327 Viva TS Surface & Volumes applications.
781322	Viva TS Reference Line application.
781323	Viva TS Ref. Plane & Grid Scanning application.
781324	Viva TS COGO Area Division application.
781325	Viva TS Cross Section application.
781326	Viva TS DTM Stakeout application.
781327	Viva TS Surface & Volumes application.

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781328   Viva TS RoadRunner Road application.
781329   Viva TS RoadRunner Tunnel application.
781330   Viva TS RoadRunner Rail application.
781331   Viva TS Athletics application.
781332   Viva TS Hidden Point application.

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781333	Viva TS Traverse application.
789392	Unlevelled setup app
	License key which allows use of the Unlevelled Setup application. This allows a survey to be completed with a total staiton in unstable environments (such as on a ship).
820466	SmartWorx Viva TPS Monitoring app for TS. Application for automated acqustion of monitoring data for postprocessing in Leica GeoMoS.

Active Customer Care

Enduser CCP

Article	Description
6004901	1 yr Viva TPS (TS15) Basic CCP, consisting of:
	1 yr SW Maintenance,
	1 yr Viva TPS Customer Support
	1 yr SmartWorx Customer Support
6004902	2 yr Viva TPS (TS15) Basic CCP, consisting of:
	2 yr SW Maintenance,
	2 yr Viva TPS Customer Support
	2 yr SmartWorx Customer Support
6004903	3 yr Viva TPS (TS15) Basic CCP, consisting of:
	3 yr SW Maintenance,
	3 yr Viva TPS Customer Support
	3 yr SmartWorx Customer Support
6004913	1 yr Viva TPS (TS15) Blue CCP, consisting of:
	1 yr HW Maintenance,
	1 yr SW Maintenance,
	1 yr Viva TPS Customer Support
	1 yr SmartWorx Customer Support

6004914 2 yr Viva TPS (TS15) Blue CCP,
consisting of:
 2 yr HW Maintenance,
 2 yr SW Maintenance,
 2 yr Viva TPS Customer Support,
 2 yr SmartWorx Customer Support.

6004915 3 yr Viva TPS (TS15) Blue CCP
consisting of:
 3 yr HW Maintenance,
 3 yr SW Maintenance,
 3 yr Viva TPS Customer Support,
 3 yr SmartWorx Customer Support.

6004925 2 yr Viva TPS (TS15) Bronze CCP,
consisting of:
 2 yr SW Maintenance,
 2 yr Viva TPS Customer Support,
 2 yr SmartWorx Customer Support,
 1 yr Viva TPS (TS11) Extd. Warranty.

6004926 3 yr Viva TPS (TS15) Bronze CCP,
consisting of:
 3 yr SW Maintenance,
 3 yr Viva TPS Customer Support,
 3 yr SmartWorx Customer Support,
 2 yr Viva TPS (TS11) Extd. Warranty.

6004927 1 yr Ext. Viva TPS (TS15) Bronze CCP,
consisting of:
 1 yr SW Maintenance,
 1 yr Viva TPS Customer Support,
 1 yr SmartWorx Customer Support,
 1 yr Ext. Viva TPS (TS11) Extd. Warranty.

6004882 2 yr Viva TPS (TS15) Silver CCP,
consisting of:
 2 yr HW Maintenance,
 2 yr SW Maintenance,
 2 yr Customer Support,
 1 yr Extended Warranty.

6004883 3 yr Viva TPS (TS15) Silver CCP
consisting of:
 3 yr HW Maintenance,
 3 yr SW Maintenance,
 3 yr Customer Support,
 2 yr Extended Warranty.

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6004884 1 yr Ext. Viva TPS (TS15) Silver CCP,
consisting of:
  1 yr HW Maintenance,
  1 yr SW Maintenance,
  1 yr Customer Support,
  1 yr Extended Warranty.

6004897 3 yr Viva TPS (TS15) Gold CCP,
consisting of:
  3 yr HW Maintenance
  (year 3 = Extended Maintenance),
  3 yr SW Maintenance,
  3 yr Customer Support,
  2 yr Extended Warranty.

6004907   1 yr Viva TPS (TS15+CS10/15) Basic CCP,
          consisting of:
            1 yr SW Maintenance,
            1 yr Viva TPS Customer Support
            1 yr SmartWorx Customer Support

6004908   2 yr Viva TPS (TS15+CS10/15) Basic CCP,
          consisting of:
            2 yr SW Maintenance,
            2 yr Viva TPS Customer Support,
            2 yr SmartWorx Customer Support.

6004909   3 yr Viva TPS (TS15+CS10/15) Basic CCP,
          consisting of:
            3 yr SW Maintenance,
            3 yr Viva TPS Customer Support
            3 yr SmartWorx Customer Support

6004919   1 yr Viva TPS (TS15+CS10/15) Blue CCP,
          consisting of:
            1 yr HW Maintenance,
            1 yr SW Maintenance,
            1 yr Viva TPS Customer Support
            1 yr SmartWorx Customer Support

6004920   2 yr Viva TPS (TS15+CS10/15) Blue CCP,
          consisting of:
            2 yr HW Maintenance,
            2 yr SW Maintenance,
            2 yr Viva TPS Customer Support,
            2 yr SmartWorx Customer Support.

6004921   3 yr Viva TPS (TS15+CS10/15) Blue CCP
          consisting of:
            3 yr HW Maintenance,
            3 yr SW Maintenance,
            3 yr Viva TPS Customer Support,
            3 yr SmartWorx Customer Support.

6004835   2 yr Viva TPS (TS15+CS10/15) Bronze CCP,
          consisting of:
            2 yr SW Maintenance,
            2 yr Viva TPS Customer Support,
            2 yr SmartWorx Customer Support,
            1 yr Viva TPS (TS11) Extd. Warranty.

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6004836   3 yr Viva TPS (TS15+CS10/15) Bronze CCP,
           consisting of:
             3 yr SW Maintenance,
             3 yr Viva TPS Customer Support,
             3 yr SmartWorx Customer Support,
             2 yr Viva TPS (TS11) Extd. Warranty.

6004837   1 yr Ext. Viva TPS (TS15+CS10/15) Bronze CCP,
           consisting of:
             1 yr SW Maintenance,
             1 yr Viva TPS Customer Support,
             1 yr SmartWorx Customer Support,
             1 yr Ext. Viva TPS (TS11) Extd. Warranty.

6004889   2 yr Viva TPS (TS15+CS10/15) Silver CCP,
          consisting of:
            2 yr HW Maintenance,
            2 yr SW Maintenance,
            2 yr Customer Support,
            1 yr Extended Warranty.

6004890   3 yr Viva TPS (TS15+CS10/15) Silver CCP
          consisting of:
            3 yr HW Maintenance,
            3 yr SW Maintenance,
            3 yr Customer Support,
            2 yr Extended Warranty.

6004891   1 yr Ext. Viva TPS (TS15+CS10/15) Silver,
          consisting of:
            1 yr HW Maintenance,
            1 yr SW Maintenance,
            1 yr Customer Support,
            1 yr Extended Warranty.

6004899   3 yr Viva TPS (TS15+CS10/15) Gold CCP,
          consisting of:
            3 yr HW Maintenance
            (year 3 = Extended Maintenance),
            3 yr SW Maintenance,
            3 yr Customer Support,
            2 yr Extended Warranty.

6004910   1yr Viva TPS (TS15+CS10/15+GS12/15) Basic,
          consisting of:
            1 yr SW Maintenance,
            1 yr Viva TPS Customer Support
            1 yr SmartWorx Customer Support

6004911   2yr Viva TPS (TS15+CS10/15+GS12/15) Basic,
          consisting of:
            2 yr SW Maintenance,
            2 yr Viva TPS Customer Support,
            2 yr SmartWorx Customer Support.

6004912   3yr Viva TPS (TS15+CS10/15+GS12/15) Basic,
          consisting of:
            3 yr SW Maintenance,
            3 yr Viva TPS Customer Support
            3 yr SmartWorx Customer Support

6004922   1yr Viva TPS (TS15+CS10/15+GS12/15) Blue,
           consisting of:
             1 yr HW Maintenance,
             1 yr SW Maintenance,
             1 yr Viva TPS Customer Support
             1 yr SmartWorx Customer Support

6004923   2 yr Viva TPS (TS15+CS10/15+GS12/15) Blue CCP,
           consisting of:
             2 yr HW Maintenance,
             2 yr SW Maintenance,
             2 yr Viva TPS Customer Support,
             2 yr SmartWorx Customer Support.

6004924   3yr Viva TPS (TS15+CS10/15+GS12/15) Blue CCP,
           consisting of:
             3 yr HW Maintenance,
             3 yr SW Maintenance,
             3 yr Viva TPS Customer Support,
             3 yr SmartWorx Customer Support.

6004838   2yr Viva TPS (TS15+CS10/15+GS12/15) Bronze CCP,
           consisting of:
             2 yr SW Maintenance,
             2 yr Viva TPS Customer Support,
             2 yr SmartWorx Customer Support,
             1 yr Viva TPS (TS11) Extd. Warranty.

6004839   3 yr Viva TPS (TS15+CS10/15+GS12/15) Bronze CCP,
           consisting of:
             3 yr SW Maintenance,
             3 yr Viva TPS Customer Support,
             3 yr SmartWorx Customer Support,
             2 yr Viva TPS (TS11) Extd. Warranty.

6004940   1 yr Ext. Viva TPS (TS15+CS10/15+GS12/15) Bronze CCP,
           consisting of:
             1 yr SW Maintenance,
             1 yr Viva TPS Customer Support,
             1 yr SmartWorx Customer Support,
             1 yr Ext. Viva TPS (TS11) Extd. Warranty.

6004892   2yr Viva TPS (TS15+CS10/15+GS12/15) Silver CCP,
           consisting of:
             2 yr HW Maintenance,
             2 yr SW Maintenance,
             2 yr Customer Support,
             1 yr Extended Warranty.

6004893   3yr Viva TPS (TS15+CS10/15+GS12/15) Silver CCP
           consisting of:
             3 yr HW Maintenance,
             3 yr SW Maintenance,
             3 yr Customer Support,
             2 yr Extended Warranty.

6004900   3yr Viva TPS (TS15+CS10/15+GS12/15) Gold,
               consisting of:
                3 yr HW Maintenance
                (year 3 = Extended Maintenance),
                3 yr SW Maintenance,
                3 yr Customer Support,
                2 yr Extended Warranty.

6004894   1 yr Ext. Viva TPS (TS15+CS10/15) Silver,
                consisting of:
                1 yr HW Maintenance,
                1 yr SW Maintenance,
                1 yr Customer Support,
                1 yr Extended Warranty.

6004904   1 yr Viva TPS (TS15+GS12/15) Basic CCP,
consisting of:
  1 yr SW Maintenance,
  1 yr Viva TPS Customer Support
  1 yr SmartWorx Customer Support

6004905   2 yr Viva TPS (TS15+GS12/15) Basic CCP,
consisting of:
  2 yr SW Maintenance,
  2 yr Viva TPS Customer Support,
  2 yr SmartWorx Customer Support.

6004906   3 yr Viva TPS (TS15+GS12/15) Basic CCP,
consisting of:
  3 yr SW Maintenance,
  3 yr Viva TPS Customer Support
  3 yr SmartWorx Customer Support

6004916   1 yr Viva TPS (TS15+GS12/15) Blue CCP,
consisting of:
  1 yr HW Maintenance,
  1 yr SW Maintenance,
  1 yr Viva TPS Customer Support
  1 yr SmartWorx Customer Support

6004917   2 yr Viva TPS (TS15+GS12/15) Blue CCP,
consisting of:
  2 yr HW Maintenance,
  2 yr SW Maintenance,
  2 yr Viva TPS Customer Support,
  2 yr SmartWorx Customer Support.

6004918   3 yr Viva TPS (TS15+GS12/15) Blue CCP
consisting of:
  3 yr HW Maintenance,
  3 yr SW Maintenance,
  3 yr Viva TPS Customer Support,
  3 yr SmartWorx Customer Support.

6004928   2 yr Viva TPS (TS15+GS12/15) Bronze CCP,
consisting of:
  2 yr SW Maintenance,
  2 yr Viva TPS Customer Support,
  2 yr SmartWorx Customer Support,
  1 yr Viva TPS (TS11) Extd. Warranty.

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6004929   3 yr Viva TPS (TS15+GS12/15) Bronze CCP,
consisting of:
  3 yr SW Maintenance,
  3 yr Viva TPS Customer Support,
  3 yr SmartWorx Customer Support,
  2 yr Viva TPS (TS11) Extd. Warranty.

6004834   1 yr Ext. Viva TPS (TS15+GS12/15) Bronze CCP,
consisting of:
  1 yr SW Maintenance,
  1 yr Viva TPS Customer Support,
  1 yr SmartWorx Customer Support,
  1 yr Ext. Viva TPS (TS11) Extd. Warranty.

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6004885   2 yr Viva TPS (TS15+GS12/15) Silver CCP,
consisting of:
  2 yr HW Maintenance,
  2 yr SW Maintenance,
  2 yr Customer Support,
  1 yr Extended Warranty.

6004886   3 yr Viva TPS (TS15+GS12/15) Silver CCP
consisting of:
  3 yr HW Maintenance,
  3 yr SW Maintenance,
  3 yr Customer Support,
  2 yr Extended Warranty.

6004887   1 yr Ext. Viva TPS (TS15+GS12/15) Silver CCP,
consisting of:
  1 yr HW Maintenance,
  1 yr SW Maintenance,
  1 yr Customer Support,
  1 yr Extended Warranty.

6004898   3 yr Viva TPS (TS15+GS12/15) Gold CCP,
consisting of:
  3 yr HW Maintenance
  (year 3 = Extended Maintenance),
  3 yr SW Maintenance,
  3 yr Customer Support,
  2 yr Extended Warranty.

Training

Article	Description
5002852	Viva TPS (TS11/15) Commissioning

Infinity Bundles

Article	Description
808788	Infinity Basic Bundle (FL): Import, visualize and manage field data, connect with external services to access project data or share reports and measured data. Includes all Import Export formats, Codetable Manager, Georeference of Images, Coordinate System Manager, COGO tools. With CCP provides access to the Localisation tool for configuring Captivate with Stylesheets, ASCII templates, Image services and more
808790	Infinity TPS Scanning Bundle (FL): Includes Infinity Basic Bundle with TPS Data Processing, Scanning, Surfaces & Volumes options
818016	Infinity Complete Terrestrial Bundle (FL): Includes Infinity Basic, TPS Data Processing, Scanning, Surfaces & Volumes, Level Data Processing and Network Adjustment 3D options.
835321	Infinity Complete GNSS & Terrestrial Bundle (FL): Infinity Basic Bundle, TPS Data Processing, Scanning, Surfaces & Volumes, Level Data Processing, Network Adjustments 3D, GNSS Multi Frequency Data Processing, Points from Images. Not included: Infrastructure module, Point clouds from images option
851484	Infinity Complete GNSS & Infrstr. Bundle (FL): Infinity Basic Bundle, TPS Data Processing, Scanning, Surfaces & Volumes, Level Data Processing, Network Adjustments 3D, GNSS Multi Frequency Data Processing, Points from Images. Infrastructure module for roads Not included: Point clouds from images option

Options

Article	Description
808791	Infinity TPS Data Processing: Edit, create, manage total station data including station setups, sets of angles, multiple foresights and traverse applications
808792	Infinity Network Adjustments 3D: least squares adjustments combining all your data including GNSS and terrestrial, supporting3D, 2D, 1D and 2D + 1D solutions
808793	Infinity Surfaces & Volumes option: Generate 3D or 2.5D surfaces, compute volumes between points, surfaces or volumes from stockpiles, calculate and visualize Cut / Fill maps, and use Comparison Maps to compare measured data with design data for identifying areas in or out of tolerance.

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808794	Infinity Scanning, Surfaces & Volumes: Includes tools for working with point clouds, plus the Surfaces & Volumes option
808795	Upgrade from Infinity Surfaces to Scanning: for users with Surfaces & Volumes who wish to add tools to work with point clouds.
808796	Infinity Imaging: Points measured from Images by forward intersection method. Assign codes and thematic information, supports images collected by GS18 I, Imaging total stations and UAV drones.
835322	Level data-processing with 1D Adjustments: Process level lines, level looops and perform 1D level network adjustments
835323	GNSS Single frequency data-processing
835324	Upgrade from Single to Dual frequency data-processing
835325	Infinity GNSS Multi Frequency Data Processing: Post process static, kinematic observation data, multi constellation, multi frequency
835326	Roading Alignments for Infinity: Prepare infrastructure data for roads including alignments, cross sections, material layers and control points
872952	Imaging Point Clouds: Image data processing includes orientation of images with ground control points and check points, generate dense point clouds, surface models, and orthophotos.
953909	Register Point Clouds and scanner setups

Upgrades

Article	Description
6008318	Infinity add users to existing floating license. Pricing will vary based on the existing modules and the number of users being added.

Time limited Licenses

Article	Description
853105	Infinity TimeLimited Basic Bundle
818009	Infinity Time Limited TPS Scanning Bundle
818010	Infinity Time Limited Complete Terrestrial Bundle
845054	Infinity Time Limited Compl. GNSS & Terrestrial Bundle
854096	Infinity TimeLim.Compl. & Infrstr.Bundle

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Subscriptions

Base Subscription

Article   **Description**
5310747   Infinity Subscription (1yr)
Subscription for Infinity module subscriptions.
Must be ordered with at least the Infinity Survey Base
License.

Base License

Article   **Description**
5310687   Infinity Survey Subscription (1yr)
Base subscription license.
Includes all data import and export formats, Total Station,
Leveling,
GNSS single frequency data processing, and ability to
compute points
from images (not point clouds).

Options for Subscription

Article   **Description**
5310688   Infinity Survey Advanced option
Add GNSS Post Processing and Network Adjustments to the
Infinity Base
subscription. Users will be able to process RAW GNSS data
and perform
3d, 2d adjustments by Least Squares.
5310689   Infinity Data Prep option
Add Surfaces, Scanning, Volumes & Infrastructure modules
to the
Infinity Base subscription. Users will be able to compute
volumes,
compare surfaces, work with point clouds, and manage
alignments and
cross sections
5310690   Infinity Point Clouds from Images option.
Add Point Clouds from Images option to the Infinity Base
subscription.
Users will be able to generate point clouds, dsm and
orthophotos from
images
5311414   Infinity Point Cloud Registration Option

Active Customer Care

Enduser CCP

Article	Description
6008236	1 yr Infinity Basic Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6008237	2 yr Infinity Basic Bundle CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6008238	3 yr Infinity Basic Bundle CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011276	5 yr Infinity Basic Bundle CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6008242	1 yr Infinity TPS Scan. Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6008243	2 yr Infinity TPS Scan. Bundle CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6008244	3 yr Infinity TPS Scan. Bundle CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011277	5 yr Infinity TPS Scan. Bundle CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6008245	1 yr Infinity Complete Terr. Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6008246	2 yr Infinity Complete Terr. Bundle CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6008247	3 yr Infinity Complete Terr. Bundle CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.

6011278   5 yr Infinity Complete Terr. Bundle CCP,
          consisting of:
          5 yr SW Maintenance,
          5 yr Customer Support.

6010365	1 yr Infinity Complete GNSS&Terr.Bd. CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6010366	2 yr Infinity Complete GNSS&Terr.Bd. CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6010367	3 yr Infinity Complete GNSS&Terr.Bd. CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011279	5 yr Infinity Complete GNSS&Terr.Bd. CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6011804	1 yr Infinity Compl Proc Infra CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6011805	2 yr Infinity Compl. & Infrstr. Bdle CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6011806	3 yr Infinity Compl. & Infrstr. Bdle CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011807	5 yr Infinity Compl. & Infrstr. Bdle CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6008248	1 yr Infinity Flexible Bundle CCP, consiting of: 1 yr SW Maintenance, 1 yr Customer Support.
6008249	2 yr Infinity Flexible Bundle CCP, consiting of: 2 yr SW Maintenance, 2 yr Customer Support.
6008250	3 yr Infinity Flexible Bundle CCP, consiting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011280	5 yr Infinity Flexible Bundle CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.

EDU SW Packages

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.

Infinity

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.

Article	Description
6011189	Leica EDUPACK Infinity Bundle - Includes all options Floating multi user license - default is 10 users, order in quantities of 10 Requires approval from PM including documentation of the Institution, agreed price and length of CCP contract.

Infinity Subscription

Article	Description
5310691	Leica EDU Infinity Subscription (1yr) - Includes all options Floating multi user license - default is 10 users, order in quantities of 10

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Active Customer Care

Enduser CCP

Article	Description
6004999	1 yr LGO TPS Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6005002	1 yr LGO GNSS RTK Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6005006	1 yr LGO GNSS-PP Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6005009	1 yr LGO Level Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6005012	1 yr LGO Professional Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6004348	1 yr LGO Basic Licence CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6005015	1 yr LGO Flexible Bundle CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.

LISCAD Modules

Article **Description**
813447 LISCAD Point Cloud - for importing, viewing, editing and digitisation of point cloud data.

Active Customer Care

Enduser CCP

Article **Description**
6003396 1 yr LISCAD Lite CCP Basic,
consisting of:
 1 yr SW Maintenance,
 1 yr Customer Support.

6003397 2 yr LISCAD Lite CCP Basic,
consisting of:
 2 yr SW Maintenance,
 2 yr Customer Support.

6003398 3 yr LISCAD Lite CCP Basic,
consisting of:
 3 yr SW Maintenance,
 3 yr Customer Support.

Distr. Partner CCP

Article **Description**
6003399 1 yr LISCAD Lite
D.Part. CCP Basic,
consisting of:
 1 yr SW Maintenance,
 1 yr Distribution Partner Support.

6003400   2 yr LISCAD Lite
           D.Part. CCP Basic,
           consisting of:
             2 yr SW Maintenance,
             2 yr Distribution Partner Support.

6003401   3 yr LISCAD Lite
           D.Part. CCP Basic,
           consisting of:
             3 yr SW Maintenance,
             3 yr Distribution Partner Support.

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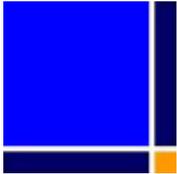
Bernese SW

Article	Description
639990	Bernese software, PC version, with user manual and 1 software-protection key.
639991	Bernese software, UNIX version with site license for a cluster of workstations, with user manual.

Instruments

Article	Description
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.
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.
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.

Power Supplies

Article	Description
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.
799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222, GEB241/242, GEB331/333 and GEB361/363, AC adapter included.

	905306	GEB333 Battery int Li-Ion 11.1V/3500mAh

	954518	GEB334 Battery int Li-Ion 10.8V/3450mAh

Levelling Staffs

Professional 5000

Article	Description
563659	Invar bar code levelling staff GPCL2, 2m, with circular level
560271	Invar bar code levelling staff GPCL3, 3m, with circular level
560274	Invar bar code levelling staff GPCL3, 3m, with circular level, with expansion coefficient certificate and length calibration certificate
632313	Industrial bar code levelling staff GWCL92, 92 cm, invar staff with circular bubble and 2 interchangeable bases.
563733	Invar bar code scale GWCL60, 60 cm

Professional 3000

Article	Description
757761	GTL4M Telescopic levelling staff, 4m, fibreglass, bar code/mm-graduation, with bull`s-eye bubble, in transport bag.
667113	Telescopic levelling staff GTL4C, 4m, aluminium, bar code/mm-graduation, with bull`s-eye bubble, in transport bag
522794	Dual face levelling staff GKNL4M, 4m, 3 sections, code/cm-graduation, with handles and circular bubble, in transport bag
522793	Dual face levelling staff GKNL4F, 13.3ft, 3 sections, code/ft graduation, with handles and circular bubble, in transport bag

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Accessories for Levelling Staffs

Article	Description
197000	Ground plate
555638	Pair of struts for GPCL3/GPLE3N staff
555642	Transport case for 2 GPLE3N/GPCL3 staffs
555641	Transport case for 2 GPLE2N/GPCL2 staffs

Data & Power Cables

Article	Description
439038	Car battery cable 4m, to connects 12V car battery.
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.

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	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.
	759257	GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.
	767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.
	771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.
	793364	GEV261, Y-cable, 1.8m,connects TS/MS60/ TM50/GS - Battery - USB or RS232.
	806095	GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC.
	764700	GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer.

Accessories

Article	Description
833391	Leica LS Digital Level USB-Card

	636977	Sunshade for digital level

	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.

	813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/ TS/MS60 instruments.

Active Customer Care

Enduser CCP

Article	Description
6009914	1 yr LS10/15 Basic CCP, consisting of: 1 yr SW Maintenance, 1 yr Customer Support.
6009915	2 yr LS10/15 Basic CCP, consisting of: 2 yr SW Maintenance, 2 yr Customer Support.
6009916	3 yr LS10/15 Basic CCP, consisting of: 3 yr SW Maintenance, 3 yr Customer Support.
6011261	5 yr LS10/15 Basic CCP, consisting of: 5 yr SW Maintenance, 5 yr Customer Support.
6009917	1 yr LS10/15 Blue CCP, consisting of: 1 yr HW Maintenance, 1 yr SW Maintenance, 1 yr Customer Support.
6009918	2 yr LS10/15 Blue CCP, consisting of: 2 yr HW Maintenance, 2 yr SW Maintenance, 2 yr Customer Support.

6009919   3 yr LS10/15 Blue CCP,
                  consisting of:
                   3 yr HW Maintenance,
                   3 yr SW Maintenance,
                   3 yr Customer Support.

6011262	5 yr LS10/15 Blue CCP, consisting of:
	5 yr HW Maintenance,
	5 yr SW Maintenance,
	5 yr Customer Support.
6009920	2 yr LS10/15 Bronze CCP, consisting of:
	2 yr SW Maintenance,
	2 yr Customer Support,
	1 yr Extended Warranty.
6009921	3 yr LS10/15 Bronze CCP, consisting of:
	3 yr SW Maintenance,
	3 yr Customer Support,
	2 yr Extended Warranty.
6011263	5 yr LS10/15 Bronze CCP, consisting of:
	5 yr SW Maintenance,
	5 yr Customer Support,
	4 yr Extended Warranty.
6009922	1 yr Ext. LS10/15 Bronze CCP, consisting of:
	1 yr SW Maintenance,
	1 yr Customer Support,
	1 yr Extended Warranty.
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.
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.
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.
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.

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.

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.

Training

Article	Description
5003734	LS10/15 Half Day Workflow Training.
5003735	LS10/15 Commissioning.

Quick Guides

Article	Description
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.

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Tripods

Professional 5000

Article	Description
296632	Tripod GST20, telescopic, with accessories.
667301	Tripod GST120-9, telescopic, selfclosing, with accessories, without pouch.
394752	Tripod GST20-9, telescopic, with accessories, without pouch
328422	Tripod GST40, with rigid legs, with accessories

Professional 3000

Article	Description
399244	Tripod GST05, telescopic, with polymer coating, with accessories.
563630	Aluminium-Tripod GSTO5L, telescopic, with accessories.

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Professional 1000

Article	Description
726831	CTP101, Wooden tripod with shoulder strap and side clamp screws, heavy duty.
726833	CTP103, Aluminium tripod with shoulder strap and side clamp screws, medium weight.

Accessories for Tripods

Article	Description
332200	Tripod-star GST4, for setting up tripods on hard and slippery surfaces
734163	GHT43, Adapter for mounting TCPS26/27 on GST20/GST120 tripod.
748417	GHT58, Bracket to mount a radio built into the Leica GFU radio housing on a tripod.

Tribrachs

Professional 5000

Article	Description
777508	GDF321, Tribrach without optical plummet, professional 5000 series, pale green.
777509	GDF322, Tribrach with optical plummet, professional 5000 series, pale green.

Professional 3000

Article	Description
842061	GDF311 Tribrach without optical plummet, professional 3000 series, green.
842062	GDF312 Tribrach with optical plummet, professional 3000 series, green.

Professional 1000

Article	Description
842063	GDF301 Tribrach without optical plummet, professional 1000 series, black.
842064	GDF302 Tribrach with optical plummet, professional 1000 series, black.

Accessories for Tribrachs

Article	Description
667718	GHM007 Instruments height meter.

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722045	GHT196 Distance holder for height meter.

Carriers

Professional 5000

Article	Description
428340	Carrier GZR3, with plate level and optical plummet, for Target plate.
360532	Carrier GZR2, with plate level, without optical plummet, for target plate
874838	SNLL321, Precision carrier, with plate level and zenith-nadir laser plummet.

Professional 3000

Article	Description
667313	Carrier GRT144 for GPS antenna, EDM reflectors and target plates, pale green.
667216	GRT146 Carrier with 5/8 inch screw, GPS antenna screws on directly.
725566	Carrier GZR103, with plate level and optical plummet, for reflectors and GPS antenna, pale green.

770715   GRT247, Carrier with 5/8" screw for
          GS15.

Accessories for Carriers

Article	Description
667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.
667244	Height hook with integrated tape measure.

Standard Reflectors

Professional 5000

Article	Description
641617	Circular prism GPR121 PRO, with holder and target plate
362830	Circular prism GPR1, in container
639985	GRZ4 360° Reflector.

Professional 3000

Article	Description
641618	Circular prism GPR111 BASIC, with holder and target plate

Professional 1000

Article	Description
753492	GPR113 Circular prism, with red holder.

Accessories for Standard Reflectors

Article	Description
362820	Single-prism holder GPH1, for all TC
400080	Three-prism holder GPH3
362823	Target plate GZT4, for GPH1

Special Reflectors

Professional 5000

Article	Description
555631	Single-prism precision reflector GPH1P
754384	GRZ122, 360º Reflector with 5/8" thread adapter for mounting of GPS antenna.

Professional 3000

Article	Description
726295	GPR112 Monitoring-Ming Prism, with M8 internal threat in the back for direct mounting and 5/8" adapter.
763532	GZM29, Reflective Tape 20x20mm for short range, pack of 20 pieces.
763533	GZM30, Reflective Tape 40x40mm for medium range, pack of 20 pieces.
763534	GZM31, Reflective Tape 60x60mm for long range, pack of 20 pieces.

Professional 1000

Article	Description
641762	Mini prism GMP104, with L-bar, for fixed installations
731346	CPR105, Flat prism with double sided reflector.

Accessories for Special Reflectors

Article	Description
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.
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.

Mini Reflectors

Professional 5000

Article	Description
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)
644327	GRZ101 360° Mini Prism with 1/4" thread fitting.

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Professional 3000

Article	Description
641615	Mini prism GMP111 BASIC, incl. bubble, with GLS115 and GHT111
642534	Mini prism 0-Constante GMP111-0 BASIC, incl. bubble, with GLS115 and GHT111.

Accessories for Mini Reflectors

Article	Description
742006	GAD103, Adapter for attaching the GRZ101 to all poles (except mini poles) and reflector carriers.
743503	GAD105, Adapter for GMP111 Mini prism to pole.
742329	GMP112, Hidden Point pole extension for GMP111. Includes miniprism with holder and 30cm adapter pole.
642344	Soft bag GVP608 for Mini prism GMP111 BASIC

Containers & Bags

Hard-Top Cases

Article	Description
937438	GVP741 Small-sized hard container for 360º prism and controller for TS Robotic Pole set-up.
937439	GVP742 Hard container for GS10/GS25 receiver, CS field controller/tablet and accessories for a base or rover setup.
937440	GVP743, Small-sized hard container for SmartAntenna, CS10, CS15, CS20, CS30 field controller and accessories for a rover setup.
937441	GVP744, Hard container for 2 SmartAntennas, CS field controller and accessories for a base and rover setup.
937437	GVP740 Hard container for SmartAntenna, CS Field Controller and accessories for a SmartPole and SmartStation setup.
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.
961156	GVP747, Hard container, for CS20, CS30 and CS35 field controller including attached holders, 360° prisms and AP20.

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Backpacks & Bags

Article	Description
767904	GVP643 Soft bag for CS10 field controller for transportation and protection against dirt. Including belt loop. Allows to include GS05 GNSS receiver cap.
767905	GVP644. Soft bag for CS15 field controller or GH15 field controller for transportation and protection against dirt. Including belt loop.
790314	GVP703, Softbag for accessories or tablet computer CS25.
770707	Minipack, for GS10 receiver, allows to carry GNSS receiver and RTK devices in a most ergonomic way on the back.
727589	GVP102, Soft bag with shoulder strap, for prism station, consist of tribrach, prism carrier or laser plummet and prism.
870195	GVP711, softbag for holding a battery, waterproof material.
922833	Soft bag for AutoPole AP20, includes inlet for protection. Soft bag fits AP20, extra battery, GEV284 PC cable and quick guide.

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Accessories for Containers

Article	Description
833516	GVP716 Backpack for Container
833518	GVP718 Basic backstraps for container GVP721/722/723/725/728/735.
833517	GVP717 Sidebag for container GVP721/722/723/725/728/735.
744501	GDZ66, Back strap (2), for container.
833519	GVP719 Shoulderstrap for container GVP721/722/723/725/728/735.
632249	Back strap for transport container, for each container two are needed (for T..1100...2003)

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Reflector Poles

Professional 5000

Article	Description
754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.
754389	GLS12F, Reflector pole, telescopic to 2.00m with circular bubble, ft graduations.
403427	Mini reflector pole (prism/target 20cm over point), with circular bubble

Professional 3000

Article	Description
385500	Reflector pole GLS11, telescopic, with circular bubble, cm and ft graduation, extends to 2,15m
667309	Reflector pole GLS111 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 2.60m, with red/white 0.20m graduations
667310	Reflector pole GLS112 BASIC, with bull's-eye bubble, cm/ft graduation, extends to 3.65m, with red/white 0.20m graduations

Professional 1000

Article	Description
865472	GLS101, TPS carbon/alu pole, hight 2m, Professional 1000 series.
642106	Mini reflector pole GLS115 BASIC, four screw-together sections, extends to 1.30m, for GHT111 EASY

GNSS Poles

Professional 5000

Article	Description
752292	GLS30, GPS telescopic carbon-fibre pole with circular bubble and 5/8" screw, snap-locks at 2,00m
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.

Professional 3000

Article	Description
754391	GLS12, Reflector pole, telescopic to 2.00m with circular bubble, cm graduations.

| 768226 | GLS13, GPS telescopic pole, aluminium, with circular bubble. Snap-locks at 2,00m and 1,80m for GNSS antennas. |

Professional 1000

Article	Description
865473	GLS102, GNSS carbon/alu pole, hight 2m, Professional 1000 series.

Accessories for GNSS Poles

Article	Description
667228	Telescopic rod with 5/8 inch screw. Fits in minipack 667137. Fits in base 667236.
876271	Topo shoe for attaching to a GLS30/31

Accessories for Ext. Antenna

Article	Description
767790	GAD108, arm to mount external UHF Antenna to GS15 SmartAntenna, usefull to achieve extended RTK radio range. Gainflex antenna fits on arm.
667219	Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm.
855149	CA41, RTK arm to mount external RTK antenna to iCG70 SmartAntenna. Required in situations when the RTK antenna cannot be mounted downwards. E.g. When mounted on the roof of a vehicle

| | 667220 | Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm. |

| | 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. |

Accessories for Reflector Poles

Accessories for Reflector Poles and GNSS Poles

	Article	**Description**
	767880	GHT63, Pole holder clamp for CS10 and CS15 field ontroller for use with GLS13, GLS30 or GLS31 pole
	667236	Base with 5/8 inch screw, for setting up telescopic rod on tripod.
	767896	GHT64 Holder for GFU Radios. Attaches to all GPS poles.
	767879	GHT62, Pole holder base plate for CS10 and CS15 field controller for use with GLS30 or GLS31 pole.
	807157	GHT66, holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.
	832127	GHT78, Holder for attaching a CS35 with a GHT63 clamp to a pole. GHT63 is not included.

	925664	GHT81 Holder for CS30 tablet
	555720	Dual strut support GSR2 for GLS11/GLS11K plumbing pole
	667319	Dual-strut support GSR111, for all GLS
	560138	Quickstand with 3 telescopic legs, for aluminium or carbon-fibre pole.
	403428	GZW12, pole extension 1m made of aluminium, with Leica pin, fitting to reflector pole GLS11/GLS12 or carriers.
	667222	GLS18, pole extension 1m made of aluminium, 5/8" thread on both sides.
	845832	GHT70, Holder to attach a CS10/15/20/35 with his designated controller holder to a tripod.
	747895	GLI115, Clip-on bubble, for GLS115.
	876271	Topo shoe for attaching to a GLS30/31
	667217	Screw-to-stub adapter for fitting GPS antenna on carriers with stub and poles with stub.

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

Data Storage

MemoryCards & Card Readers

Article	Description
767856	MSD1000, SD memory card 1GB
789139	MSD8, SD memory card 8GB.
795993	MMSD01 MicroSD Memory Card 1GB.
733257	MCF256, CompactFlash card 256MB.
733256	MCF32, CompactFlash card 32MB.
745995	MCF1000, CompactFlash card 1GB.
733258	MCFAD1, CompactFlash PC Card adapter.

765199   MS1, USB memory stick, 1GB.

776240   MCR8, USB Card reader for SD/CF and SRAM cards.

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

Radio Accessories

Accessories for HPR Radios

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

667219	Arm 15cm long, attaches to GPS antenna. Gainflex antenna fits on arm. Antenna cable connects to arm.

791829	GAD113, adapter for fitting the GAD33 antenna arm to the GS08plus.
667220	Arm 3cm long, screws on telescopic rod. Gainflex antenna fits on arm. Antenna cable connects to arm.

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.

Controller & Total Station Accessories

Accessories for Controller & Total Stations

Article	Description
813914	GDZ71 Pen with tether clip interface for CS20 field controller and TS16/ TS/MS60 instruments.
813582	GHT76 Tether to connect GDZ71 Pen to CS20 field controller.
851539	GDZ76 Digitiser Pen for CS35, for MK4 models 848130, 848131, 848134.
767906	CCS01, Docking station for CS10 or CS15 fieldcontroller for charging and data transfer to PC. Supports CS field controller with pole holder attached.
807245	GHT68, Utility hook for CS20 field controller for attaching to belt or tripod.

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832122	GHT77, Tether to tie Digitiser Pen GDZ76 to CS35.

767877	GHT61, Hand strap for CS10 and CS15 field controller with utility hook for attaching to belt or tripod.

807158	GHT67 Hand strap for CS20 field controller.

833343	GHT79, hand strap and 4 x high corner guards for CS35.

Screen Protection Foils

Article	Description
767907	SPF01, Screen protector foils for CS10 or CS15 field controller.
799658	SPF03 Screen protection foil for TS30 / TM30 / TPS1200+ / TS12.
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.
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.

| | 832126 | SPF06, CS35 Display protection foil, protects Display from scratches. |

| | 925662 | SPF10 Screen protection foil for CS30 |

Eyepieces

Diagonal Eyepieces & Ancillary Lenses

	Article	**Description**
	793979	GFZ3, Diagonal eyepiece for all TPS with bayonet coupling, except T100 and TS02.
	376236	Eyepiece for steep sights, with joint allowing variable sigthing angle
	743504	GVO13, Objective Solar Filter for TPS.
	199899	Autocollimation eyepiece (for T..800...2003)
	377802	Eyepiece FOK53, additional eyepiece (modification in a workshop necessary)
	799220	GSK1, Set cover for eyepiece and lens. Fits to all TPS Instruments.

636977	Sunshade for digital level

394787	Plug-in lamp, with cable for Autocollimation eyepiece

394792	Battery box GEB63 for autocollimation eyepiece and eyepiece lamp

Chargers

Professional 5000

Article	Description
799187	GKL341, Charger Pro 5000 Professional charger to charge up to 4x Li-Ion batteries GEB211/212, GEB221/222, GEB241/242, GEB331/333 and GEB361/363, AC adapter included.
734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.
731439	AC power cable EU to charger for Rugby/ Javelin.
731440	AC power cable US to charger for Rugby/ Javelin.
731441	AC power cable UK to charger for Rugby/ Javelin.
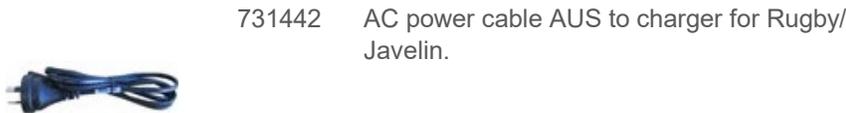
731442   AC power cable AUS to charger for Rugby/
          Javelin.
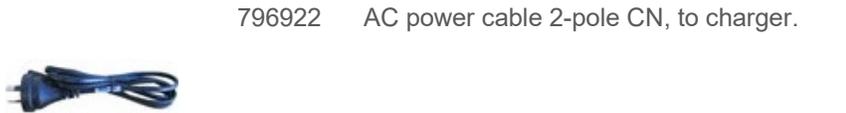
796922   AC power cable 2-pole CN, to charger.

Professional 3000
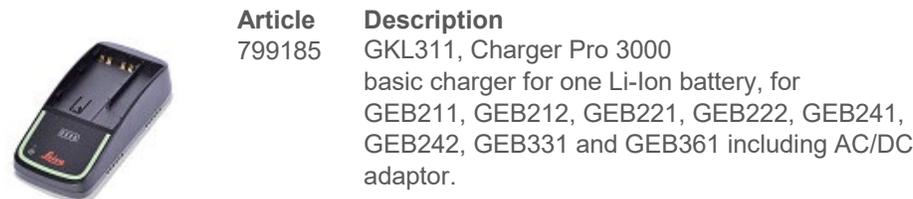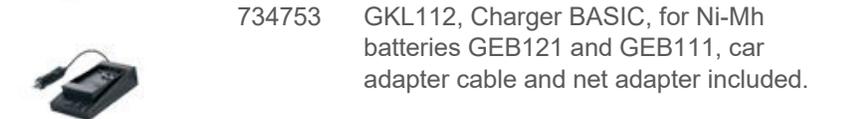
Article	Description
799185	GKL311, Charger Pro 3000 basic charger for one Li-Ion battery, for GEB211, GEB212, GEB221, GEB222, GEB241, GEB242, GEB331 and GEB361 including AC/DC adaptor.
734753	GKL112, Charger BASIC, for Ni-Mh batteries GEB121 and GEB111, car adapter cable and net adapter included.
785703	GKL32, Charger, 230V, 50/60Hz, charges one battery with 5-pin charging socket.
832118	GKL235, Charger for CS35 batteries GEB235 & GEB236, AC/DC adaptor GEV280-x not included.
774437	GEV242, Charger for GEB371 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.
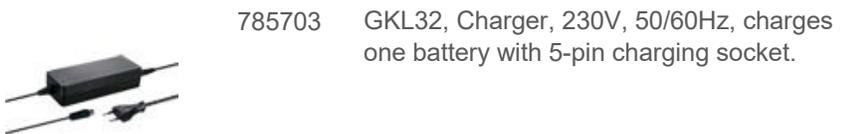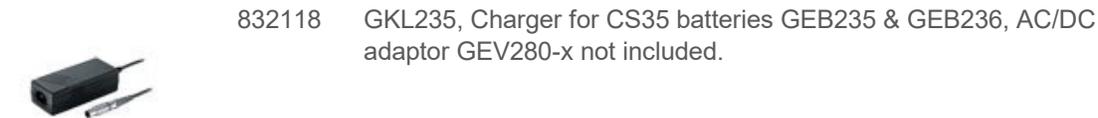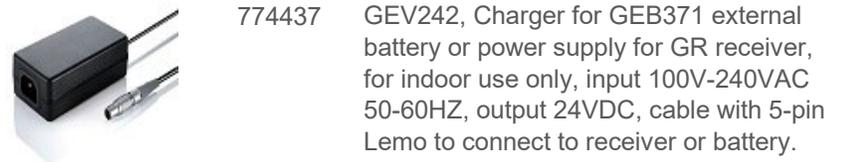
Professional 1000

Article	Description
767900	GEV235, AC/DC-adapter EU, for power supply CS15 and CS10.
773753	GEV235-1, AC/DC-adapter US, for power supply CS15 and CS10.
773754	GEV235-2, AC/DC-adapter JP, for power supply CS15 and CS10.
822787	GEV276, Power supply unit for CS20, for indoor use only. Input 100-240 VAC to output 15.0VDC 40W.
832115	GEV280-3, AC/DC Adaptor, US, Power Supply for CS35 Tablet.

Batteries

Internal Batteries

Article	Description
793975	GEB242, Lithium Ion battery, 14.8V/5.8Ah, chargeable.

	793973	GEB222, Lithium Ion battery, 7.4V/6Ah, chargeable.
	733270	GEB221, Lithium-Ion battery, 4Ah, rechargeable. To be used with TPS1200 and GPS1200 series.
	772806	GEB212, Lithium Ion battery, 7.4V/2.6Ah, chargeable.
	905306	GEB333 Battery int Li-Ion 11.1V/3500mAh
	954518	GEB334 Battery int Li-Ion 10.8V/3450mAh
	905307	GEB363 Battery int Li-Ion 10.8V/6900mAh
	954519	GEB364 Battery int Li-Ion 11.1V/7000mAh
	832119	GEB235, Lithium-Ion battery, 10.8V/4.1Ah, chargeable for CS35.
	832120	GEB236, Lithium-Ion battery, 10.8V/8.7Ah, chargeable for CS35. High corner guards attached for mounting to a GHT78.

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	667123	Plug-in Camcorder battery GEB121, NiMH, 6V/3.6Ah, rechargeable (for TPS1100 / RCS1100 and GPS500/GS50).
	667318	Plug-in Camcorder battery GEB111, NiMH, 6V/1.8Ah, rechargeable (for T100,TPS300 RCS1100)
	907285	GEB256 Li-Ion Battery BA820, 3.8V, 8.2Ah

External Power Supply

	Article	**Description**
	905305	GEB373 External Battery Li-Ion 13V 289Wh Quick Guide and User Manual, mutlilingual, included
	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.
	439038	Car battery cable 4m, to connects 12V car battery.

Cables

External Battery

	Article	**Description**
	409678	Battery cable GEV52, 5-pole, for small battery GEB70 and large battery GEB71
	560130	1.8m cable, connects TR500 terminal to GPS receiver. Also connects GEB71 external battery to GPS receiver.

	758469	GEV219, power cable 1.8m, connects TPS3000 or RX1250 with external battery.
	733298	GEV172, 2.8m Y-cable, connects GPS Receiver with two external power supplies.
	756365	GEV215, Y-cable to power RX1250/RX1250c and ATX1230/ATX1230GG with external battery.
	748418	GEV205, 1.8m Y-Cable for GPS900 referencestation. Connects ATX900 GPS antenna with a GEB171 external battery and a radio in a Leica GFU radio housing.
	796492	GEV264, 1.8m Y-cable for RTK reference setup, connects GS14 receiver and GFU modem with external battery GEB371.
	793364	GEV261, Y-cable, 1.8m,connects TS/MS60/ TM50/GS - Battery - USB or RS232.

Car Battery

Article	Description
439038	Car battery cable 4m, to connects 12V car battery.

PC-RS232 Port

Article	Description

563625   Data transfer cable Lemo 0/RS232
(9-pin, female, 2m) for connecting
PC, laptop etc.

734698   GEV187, Y-cable, connects TPS1200 to PC (9-pin RS232 serial) and external battery, 2m.

733280   GEV160, 2.8m Data transfer cable, connects GPS1200 or RX1220 to PC (9-pin RS232 serial).

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.

733297   GEV171, 1.8m cable to program, the Satelline 3AS radio modem inside the GFU14 housing.

767803   GEV231, cable to configure the SLR radio modules (Satelline and Pacific Crest). Connects radio module to PC (RS232) and to GEB171 battery.

759257   GEV220, Y-cable, connects TPS3000 to PC (9-pin RS232 serial) and external battery, 1.8m.

793364   GEV261, Y-cable, 1.8m,connects TS/MS60/TM50/GS - Battery - USB or RS232.

PC-USB Port

Article	Description
806093	cable Lemo to USB connector, 2.0m. Connects DNA and TPS except TM/TS30 to PC for data transfer.

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| 806094 | GEV268, Data transfer cable, converter cable Lemo to USB connector, 2.0m. connects GNSS receiver to PC. |

| 806095 | GEV 269, Data transfer cable, converter cable Lemo to USB A connector, 2.0m, connects GNSS receiver, controller or TM30/TS30 to PC. |

| 767899 | GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector. |

| 764700 | GEV223, Data transfer cable, USB Host to USB Mini, 1.8m. Connects TS02/06/09 with Communication Sidecover to PC for data transfer. |

| 793364 | GEV261, Y-cable, 1.8m,connects TS/MS60/ TM50/GS - Battery - USB or RS232. |

| 879372 | 1.5m USB 3.1 Type A to C Cable 3A
Supported Bandwidth: 10Gbps
Nominal Attenuation: 0.5Mhz – 15Ghz < 40db
Minimum Bend Radius: 45mm (1.77in)
Operating Temperature: -20°C - 80°C (-4°F - 176°F)
Storage Temperature: -25°C - 85°C (-13°F - 185°F) |

CS10/15/20

Article	Description
756367	GEV217, Data transfer cable, connects RX1250 to TPS1200, 1.8m.
767899	GEV234, 1,65m cable to connect the CS field controller to GS15 SmartAntenna for data transfer. USB A to Lemo connector.

772807   GEV237, cable, 1.65 m, to connect
GS15/GS10 sensor to Lemo port on a
CS field controller.

External Antenna

Article	Description
772002	1.2m external antenna cable connects GS05 or GS06 to the external antenna AS05.

TCPS

Article	Description
771057	GEV236, Y-cable, Connects TS30 with TCPS27 and external battery, 1.8m.

734697   GEV186, Y-cable, connects RX1200 or
TCPS27 to TPS1200 and external
battery, 1.8m.

Satelline 3AS

Article	Description
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.

817713   GEV275 Datacable 1.8m, connects Satelline HPR UHF-radio
with GS sensor.

811818   GEV274 Y-cable 3m, connecting GNSS antenna with HPR radio
and battery with SAE connector from GVP711.

809028   GEV272, connects HPR2 Satel radio to GVP711 battery
softbag with SAE connector.

	809029	GEV273, cable Lemo and RS232 connection, for programming a HPR2 Satel radio.
	762026	GEV221, Y-cable, connects Satelline 3AS Epic Pro radio to System 1200 GPS receiver and 12V car battery.
	799776	GEV266, 1.8m Cable to connect Satelline High Power Radio to GS14 GNSS Receiver.

GFU Modem

Article	Description
748418	GEV205, 1.8m Y-Cable for GPS900 referencestation. Connects ATX900 GPS antenna with a GEB171 external battery and a radio in a Leica GFU radio housing.
767898	GEV233, cable connects GS10/GS15 Port2 to System1200 GFU devices, length 0.8m
767897	GEV232, cable connects GS10/GS15 Port to System1200 GFU devices, length 2.8m
796492	GEV264, 1.8m Y-cable for RTK reference setup, connects GS14 receiver and GFU modem with external battery GEB371.

External Modem

Article	Description
563809	Cable for connecting CR344 GPS Controller to a radio modem for DGPS operations. Lemo 8 pin to 9 pin RS232.

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PPS/Event

Article	Description
667744	PPS output cable for GPS System 500, SR530/MC500/RS500, 2m long, conects GPS sensor time mark output to another device.
403448	2m cable, connects GPS sensor time mark output or event input to another device, connects EDM frequency Sensor to frequency meter.
789061	Event cable for GR25 with Lemo.

External GNSS Antenna

Article	Description
667200	1.2m antenna cable.
724969	GEV194, 1.8m antenna cable, To be used for balanced all-on-the-pole setup.
636959	2.8m antenna cable.
632372	10m antenna cable.
632390	30m antenna cable.

664813   50m antenna cable.

667201   1.6m extension for antenna cable.

Other Cables

Article	Description
722411	ASSEMBLY, CABLE, +12 VDC POWER, 5 PIN LE
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).
750073	GEV212, Interface Cable, 5m, TruRover unterminated, connects TruRover to a custom installation.
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
833864	GEV277, cable for using a GEB371 as Uninterruptible Power Supply (UPS).

Active Assist

Article	Description
782276	CS Active Assist License
	License key which enables
	the Active Assist functionality.
	Note, requires a valid CCP.
782277	TS Active Assist License
	License key which enables
	the Active Assist functionality.
	Note, requires a valid CCP.

Exchange

Subscriptions

Article	Description
5303935	1 yr Leica Exchange Standard with myWorld transfer: Subscription which allows to exchange Objects between Field and Office including myWorld and to manage users for Leica Exchange. The Quota for Exchange is 2 GB.
5303934	1 yr Leica Exchange Standard: Subscription which allows to exchange Objects between Field and Office and to manage users for Leica Exchange. The Quota for Exchange is 2 GB.
5303937	1 yr Leica Exchange Professional with myWorld transfer: Subscription which allows to exchange Objects between Field and Office including myWorld and to manage users for Leica Exchange. The Quota for Exchange is 5 GB.
5303936	1 yr Leica Exchange Professional: Subscription which allows to exchange Objects between Field and Office and to manage users for Leica Exchange. The Quota for Exchange is 5 GB.
5305370	1 yr Leica Exchange Starter with myWorld transfer: Subscription which allows to exchange Objects between Field and Office including myWorld and to manage users for Leica Exchange. The Quota for Exchange is 150 MB.

5305371   1 yr Leica Exchange Basic with myWorld transfer:
Subscription which allows to exchange Objects between Field
and Office including myWorld and to manage users
for Leica Exchange. The Quota for Exchange is 1 GB.

5305372   1 yr Leica Exchange Enterprise with myWorld transfer:
Subscription which allows to exchange Objects between
Field and Office including myWorld and to manage users
for Leica Exchange. The Quota for Exchange is 20 GB.

5303939   1 yr Leica Exchange Trial (6 months):
Subscription which allows to exchange
Objects between Field and Office and
to manage users for Leica Exchange.
The Quota for Exchange is 100 MB.

Activations

Article	Description
788310	SmartWorx Viva Exchange Activation: License key which activates Exchange within SmartWorx. Allows to exchange Objects between Field and Office.

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HxGN SmartNet Global

SmartNet+

Article	Description
5310898	1year HxGN SmartNet+ Includes access to Network RTK correction services and RTK bridging to fill interruptions.

SmartNet+ State/Region

Article	Description
5311279	1year HxGN SmartNet+State/Region Includes access to Network RTK correction services and RTK bridging to fill interruptions.

SmartNet+ PNA State/Sub-Reg/Area

Article	Description
5311542	1yr HxGNSmartNet+ PNA State/Sub-Reg/Area

SmartNet Pro

Article	Description
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.

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SmartNet PPP

Article	Description
5310900	1year HxGN SmartNet PPP Includes access to global PPP with no dependency on RTK coverage and RTK bridging to fill interruptions.
5311280	1month HxGN SmartNet PPP Trial

HxGN SmartNet US/CA

HxGN SmartNet

SmartNet AGRTK Local

Article	Description
5311539	3mth SmartNet AGRTK State/Sub-Reg/Area
5311540	6mth SmartNet AGRTK State/Sub-Reg/Area
5311541	1yr SmartNet AGRTK State/Sub-Reg/Area

MCRTK

Article	Description
5005537	1wk SmartNet MCRTK State/Sub-Reg/Area
5303422	1yr SmartNet MCRTK State/Sub-Reg/Area
5305293	3yr SmartNet MCRTK Nationwide
5311450	2yr SmartNet MCRTK State/Sub-Reg/Area

SmartNet Connect

Article	Description
5305448	1 yr SmartConnect Standard - Connectivity Package for SmartNet & Active Assist (requires valid SmartNet or Active Assist license).
5305764	6 mth SmartConnect Standard
5305765	6 mth SmartConnect Professional
5305767	3 mth SmartConnect Standard
5305768	3 mth SmartConnect Professional
5305770	1 mth SmartConnect Standard
5305771	1 mth SmartConnect Professional

Article	Description
5306093	2 yr SmartConnect Standard - Connectivity Package for SmartNet & Active Assist (requires valid SmartNet or Active Assist license).
5306094	2 yr SmartConnect Professional - Connectivity Package for SmartNet, Exchange and Active Assist (requires valid SmartNet, Exchange or Active Assist license).
5306096	3 yr SmartConnect Standard - Connectivity Package for SmartNet and Active Assist (requires valid SmartNet or Active Assist license).
5306097	3 yr SmartConnect Professional - Connectivity Package for SmartNet, Exchange and Active Assist (requires valid SmartNet, Exchange or Active Assist license).

National Access

Article	Description
5005256	1wk SmartNet NRTK State/Sub-Reg/Area
5303302	1yr SmartNet NRTK Nationwide
5303420	3mth SmartNet NRTK Nationwide
5303421	6mth SmartNet NRTK Nationwide
5305427	1mth SmartNet NRTK Nationwide
5307734	5yr SmartNet NRTK Nationwide

Regional Access

Article	Description
5306222	1mth SmartNet NRTK Regional
5306223	3mth SmartNet NRTK Regional
5306224	6mth SmartNet NRTK Regional
5306220	1yr SmartNet NRTK Regional
5306225	2yr SmartNet NRTK Regional
5306226	3yr SmartNet NRTK Regional

Local Access

Article	Description
5310637	1 mth SmartNet AVRTK Active Enterprise
5310638	1 mth SmartNet IoT Active Enterprise
5310639	1 mth SmartNet NRTK Active Enterprise
5311448	1yr SmartNet Host Sate/Sub-Reg/Area
5311449	1mth SmartNet MCRTK Active Enterprise

State/Region/Province Access

Article	Description
5303425	1yr SmartNet NRTK State/Sub-Reg/Area
5303426	3mth SmartNet NRTK State/Sub-Reg/Area
5303427	6mth SmartNet NRTK State/Sub-Reg/Area
5303910	2yr SmartNet NRTK Nationwide
5303911	3yr SmartNet NRTK Nationwide
5305442	1 yr SmartNet NRTK Texas
5305445	1 mth SmartNet NRTK State/Region.
5311447	2yr SmartNet NRTK State/Sub-Reg/Area

Rental Access

Article	Description
5003000	1day SmartNet NRTK Nationwide

National Access - Education

Article	Description
5303311	1 yr SmartNet NRTK Education

Distributors/Directs/Hosts

Article	Description
8231810	SmartNet NRTK Dealer Demo & Rental Lic.
8232671	SmartNet NRTK Host License
8243083	SmartNet (SmartConnect) Activation Fee

Web Services

Article	Description
5309734	3 mth SmartNet Cloud Services

RINEX

Article	Description
5310834	1 yr SmartNet RINEX 100h
5310835	1 yr SmartNet RINEX 500h
5310836	1 yr SmartNet RINEX 1000h
5310837	1 yr SmartNet RINEX 2500h
5310838	1 yr SmartNet RINEX 5000h

GIS

Article	Description
5303312	1 yr SmartNet DGNSS Unlimited
5306967	1yr SmartNet GIS Nationwide
5307053	1yr SmartNet GIS State/Sub-Reg/Area
5307099	1yr SmartNet Zeno Nationwide
5307100	1yr SmartNet Zeno State/Sub-Reg/Area

Enterprise

Article	Description
5306887	1 year SmartNet NRTK Enterprise - 10'000 hours.
5308538	1 year SmartNet NRTK Enterprise - 5'000 hours.
5308539	1 year SmartNet NRTK Enterprise - 2'500 hours.
5310894	1 yr SmartNet NRTK Ent Smart Pos - 2500h

HxGN SmartNet EDU Packages

SmartNet

Article	Description
5303311	1 yr SmartNet NRTK Education

Local Products US/CA

Training Articles

Article	Description
5002280	Geomatics training and/or installation first day (Includes expenses).
5002281	Geomatics training and/or instatllation additional day (includes expenses).
5004581	Online Class - Infinity - General Surveying (2 hrs).
5004582	Virtual Classroom – Leica Infinity Level Processing
5004583	Online Class - Field to Office Workflow with the MultiStation (2hours)
5004585	Virtual Classroom – Captivate Road Stakeout
5004590	Virtual Classroom – Field-to-Office Workflow (C3D).
5005101	Geomatics Online hourly rate is minimum 2 hours
5005102	Geomatics Training
5005108	Virtual Classroom Field-To-Office Work Flow for Bentley Systems
5005109	Virtual Classroom Infinity – GNSS Post Processing

GS16 GNSS

Article	Description
6011326	GS16 3.75G UHF Performance/Glonass-NAFTA
6011327	GS16 3.75G UHF Perf/Glonass-NAFTA SmtLNK

GS18I Demo Packages

Article	Description
6015850	GS18 I LTE & UHF Perf. NAFTA. SU
6015851	GS18 I LTE & UHF Perf. NAFTA. D.

GS18 T GNSS

Article	Description
6013206	GS18T Performance Compl. LTE&UHF (NAFTA)
6013207	GS18T Performance LTE&UHF (NAFTA)

LA1ZO (Rail)

Article	Description
867022	TRT Complete Assembly, incl. base & arm section, 3 quick connect and 1 magnetic ref. target and carrying case.
867032	TRT Base Section only (does not include reference targets).
867033	TRT Arm Section only (does not include reference target).
867035	Reference Target assembly with quick connect pin base (connects to TRT base and arm sections).
867036	Reference Target assembly with magnetic base (attaches to rail car).
867038	TRT Carry Case, black, with molded foam insert.
867107	SafeLoad® Plus Software (For use with laser or manual measurements).
867112	Tripod mounting bracket for Panasonic Toughpad or CS35
867113	Carry case for Panasonic Toughpad or CS35 plus Compact Reference Target (CRT) kit.
878930	Upgrade from Core V1 to Core V2/System
878931	V2 Profile Plotting, Auto Mirror
5309674	Annual Maint. Profile Plot, Auto Mirro
5309677	Annual Maintenace for Core V2
8249505	Track Prism Adapter/ Leica Tip
8249831	21601 Amberg IMS Survey Add-On
8249839	11051 Amberg Rail System Training - 5
8249840	10502 Amberg Mobilization/Expenses
8249896	21135 Tad TPS Adapter for Total Station
8249898	11202 TAC GS14/15/16/18 Adapter Power
8249906	Annual Maintenace for Core V2
8249907	V2 Profile Plotting, Auto Mirror
8249908	Annual Maint. Profile Plot, Auto Mirro
8249974	17097 Rubber grip for Push Bar
8249975	20015 CF-19-20 Power Plug US
8249976	16826 Flip lid for Lemo socket 0B
8249978	21026 Cover USB Port for CF-19
8249981	Cable Mantle 125cm TGS FX
8249982	Brake Cable for TGS FX
8249983	30mm Gauge Wheel Kit, PET, TGS FX
8249984	40mm Gauge Wheel Kit, Steel, TGS FX
8249985	Isolation Foil for TGS FX Mounting Joint
8250006	21603 Amberg Survey IMS3000 Package
8250013	20875 Ambreg Profiler 5033-C System
8250018	20880 Profiler 6012M-2D Laser System
8250022	20879 Profiler 6012 2D Laser Scanner Sys
8250026	20477 Tamping GRP3000 System
8250029	20478 Tamping GRP1000 Systems PKG
8250041	20474 Slab Track GRP1000 System
8250042	21144 Survey TGR GRP1000 Sys

8250045	21952 Amberg Survey Relative TGR
8250047	21015 GRP TSC+ Tachymeter Trolley Sys
8250098	21436 KNL1010/3010 Charger Set
8250134	21342 USB Software Dongle-Green
8250135	11033 Amberg Survey Basic
8250136	11022 Upgrade SEN&ProcControl GRP1000
8250137	21988 ProControl IMS
8250138	21893 Amberg IMS GNSS Add On
8250147	Amberg Clearance Plus
8250148	Amberg GRP TSC Tachymeter Trolley Sys
8250149	Profiller 110 FX incl Accessories
8250150	Sen&ProControl IMS
8250151	UPG. Clearance Basic to Plus
8250152	AMU 1030 Service and Adjustment
8250153	Amberg Clearance Basic
8250156	10473 GRP GF1 Gauging frame
8250157	Amberg Tamping Plus
8250158	Upgrade Sen&ProControl Grp3000 to 5000
8250159	Amberg Clearance Basic Add on Tamping
8250160	GBS5010 Battery System
8250161	20131 GAD 12 KIT
8250164	TGS FX Modification Kit for 200m Track
8250180	Amberg TGR Add-on
8250184	21616 GBS1010 Battery w/Charger
8250193	10431 USB TGS-OC USB Cable to GRP
8250194	20882 PWC GEBTGS POWER CABLE
8250195	20883 PWC GEBCF19/20 Power Cable
8250196	21030 TAC TS15P110 Pwr Data Cable
8250212	10755 Amberg "Pay per Inspection Credit"
8250229	CF-20 Panasonic Notebook Set
8250230	TGS-FX Laptop Mounting Tray for CF-20
8250231	21902 CGW 030 TGS Gauge Wheel PET
8250232	ProControl IMS Additional License
8250233	Amber IMS Survey Add-on Additional Lic.
8250234	TGR Add-on Additonal License Survey/CLR
8250235	Amberg Rail 3.0 M&S Contract
8250309	TGS FX Guage Wheel Bracket 14mm ToR
8250522	11219 Gas Spring 150 N for TGS FX
8250523	21470 Lever Gauge retraction
8250525	21150 Mod. TGS FX to TGS FX v2014
8250526	21773 Upg. GRP 5000 to IMS 5000
8250578	Amberg Training-- 3 Day work shop
8250599	10986 30mm gauge wheel kit, steel
8250655	20483 GTB TGS GRP Box 200 mm
8250757	10463 Complete set of PET wheels TGS FX
8250759	10985 40 mm gauge wheel kit
8250760	10646 Brake cable set for TGS FX
8250761	10642 TGS FX brake lever

8250763	10466 CTW 03S TGS - Steel wheel set
8250764	21976 CF-20 Extended Power Pack
8250765	10456 CBR TGS Brake Rubbers Flange Set
8250766	20735 Brake bracket set for TGS FX
8250767	21877 Rocker - TGS FX - v2017
8250768	21718 Guide wheel rockers ceramics v2017
8250769	10636 Latching knob for TGS FX push bar
8250857	21245 PET wheel set for TGS FX w rocker
8250938	Amberg Slab Track Plus
8250940	21090 Amber TGR Add-on SlabTrack/Tamping
8250942	10414 GPC100 Prism Column
8250943	10771 Adapter Cable Long
8250945	21246 Steel Wheel Set with Rocker
8250947	10464 PET Wheel w/Flange
8250959	11035 Replacement Dongle
8251048	10630 TGS FX Internal batt.cable w/plug
8251138	Amberg Clearance IMS5000 excl scanner
8251139	TGE 1668 TGS FX Gauge Extension
8251140	GBS3010 Battery System w/charger v.2016
8251141	TGTAC TS50 Power Data Cable Leica
8251142	TCC100 Profiler 100/110 PWR DATA Cable
8251185	Amberg Rail Individual Training Day
8251192	10634 Odometer sensor for TGS FX
8251288	GTB TGS - GRP Transport box, yellow
8251308	21894 IMS GNSS Add On Add License
8251335	11006 GRP1000 Sys. Service and Adj. PKG
8251336	21296 Sys. Service and Adj. PKG
8251337	21810 IMS5000 Sys. Service and Adj. PKG
8251410	10413 TCC100 PFR100/110 FX-TGS Cable
8251412	10415 10415 GPA100 Prism Adapter
8251413	10419 TGE 1435 TGS FX Gauge EXT 1435mm
8251414	10425 GTB P100-Profiler 100/110 Case
8251415	10647 Allen Driver 6mm TGS FX
8251416	10649 Circlip Pliers for TGS FX
8251429	10689 Brass Adapter, Standard
8251431	15547 Profiler 110FX Measuring Module
8251432	15604 LED Working Light GLT100 TGS FX
8251433	16507 Cylinder Screw M4x12
8251443	17203 GWP030 Gauge Wheel Prot. 30mm
8251444	21254 AMU1030
8251445	21282 PET Wheel w/o Flange TGS FX v2
8251446	21290 PWC TGSAMU PWR CableTGS FX
8251447	21291 TAC AMUCF19/20 Data Cable
8251448	21292 TAC TGSAMU-Data Cable TGS FX
8251449	21886 TGS Adapter Plate Two Wheel
8251452	21895 IMS GNSS Acc. Set for GRP
8251453	21907 TGS FX Two-Wheel-Part Base 1100mm
8251454	21937 GAP GNSS Ant Pole V2017

8251455	22039 AMU 2030
8251457	10991 Amberg Fidelity Power User Set
8251479	21539 CBR TGS Brake Rubbers Rocker Set
8251480	21295 1000/3000 System Adjustment
8251485	22045 PWR Cable TGS FX AMU2020/30
8251486	22046 Data Cable TGS FX AMU2020/30
8251695	21403 GNSS Accessory set for GRP System
8251696	22334 Rail System Training Web 2hr
8251809	20105 Amberg Tamping Plus Add. Lic.
8251810	20102 Amberg Slab Track Plus Add. Lic.
8251811	21390 USB Software Dongle Black
8251813	10628 USB Socket for TGS FX
8251826	10467 Cyl. Wheel with Flange TGS SS
8252134	Amberg Rail 3.0 M&S Reinstatement
8252151	20897 TGS FX Sensor Board
8252152	22300 USB Cable to GRP System FX
8252153	22299 USB Connection Socket Type B
8252157	21095 Amberg Rail - Additional License
8252178	21571 GBS 1010 Battery System
8252179	20100 Amberg Clearance Basic Add. Lic.
8252204	16941 Contact strip 6pole, Odometer
8252258	20272 Support Mount for Laptop TGS FX
8252264	SafeLoad Sync License Module
8252265	SafeLoad Sync Opt. Annual Software Mnt
8252386	21247 Brake Bracket Set
8252388	17405 CGW-0195 TGS Gauge Wheel Steel
8252406	35-0021 Wall Anchor Glue or Driving
8252407	35-0022 Wall Anchor Plastic Expansive
8252409	Covergence Bolt 250mm Leica Top
8252481	20693 Amberg Add-on Track Geometry Rec
8252482	22286 SenControl IMS Absolute software
8252514	3-Day Safeload Training At Customer
8252515	2-Hour Safeload Virtual Training
8252768	LGS Rail Technician Hourly Rate
8252769	LGS Rail Amberg Specialist Hourly Rate
8252770	LGS Amberg Training-Support Remote 2hr
8252771	LGS Amberg Training-Support Onsite Daily
8252836	22057 Amberg Tamping IMS3000 Package
8252837	21647 GEB3010 Battery Module
8252838	21847 Amberg Rail Add. Lic IMS1000/3000
8252839	Amberg M&S 3 Year Extension (3 Dongle)
8252840	Amberg M&S 2 Year Extension (1 Dongle)
8252841	Amberg M&S 3 Year Extension (1 Dongle)
8252842	Amberg M&S 4 Year Extension (1 Dongle)
8252843	Amberg M&S 5 Year Extension (1 Dongle)
8252844	Amberg M&S 1 Year Extension (2 Dongle)
8252845	Amberg M&S 2 Year Extension (2 Dongle)
8252846	Amberg M&S 3 Year Extension (2 Dongle)

8252847	Amberg M&S 4 Year Extension (2 Dongle)
8252848	Amberg M&S 5 Year Extension (2 Dongle)
8252849	Amberg M&S 1 Year Extension (3 Dongle)
8252850	Amberg M&S 2 Year Extension (3 Dongle)
8252851	Amberg M&S 4 Year Extension (3 Dongle)
8252852	Amberg M&S 5 Year Extension (3 Dongle)
8252952	21971 Amberg Field Softkey License
8252953	10586 Amberg GRP1000 1 yr Warranty Ext
8252954	10588 Amberg GRP3000 1 yr Warranty Ext
8252955	10590 Amberg GRP5000 1 yr Warranty Ext
8252956	21945 Amberg IMU 1 yr Warranty Ext
8252957	22199 Amberg Survey IMS 1000-2010 SYS
8252958	22200 Amberg Survey IMS 3000-2010 SYS
8252959	22201 Amberg Tamping IMS 1000-2010 SYS
8252960	22202 Amberg Tamping IMS 3000-2010 SYS
8252961	22054 Amberg Survey IMS 1000-2030 SYS
8252962	22056 Amberg Tamping IMS 1000-2030 SYS
8252963	22055 Amberg Survey IMS 3000-2030 SYS
8252964	21243 CTW 01-2 PET Wheel W/O Flange
8253006	10258 Profiler Holder for Prism Adapter
8249897	20728 AT Hardware
8254433	21018 Extra Costs GRP Steel Wheel Config
8254435	GTB TGS 200 - GRP Transport box Sub
8254437	22399 TGS adapter plate for GRP/IMS GNSS
8254440	Amberg Tamping GRP3000 System Modified
8255068	Amberg M&S 5 year, 5 dongle
8252405	11079 Antenna Cable TNC Plug for TGS FX

LA1ZN

Article	Description
8201249	COMPOSITE BIPOD
8201641	CABLE ASSY, BAT, SAE, 6'
8201642	BATTERY, GEL, FOR BASE STATION
8201646	DGPS BASE STATION CABLE, 6M
8201647	A00454 PDL HPB CABLE
8206394	A00854 SAE to Lemo-Style 30.5cm/1ft
8206775	SECO Aluminum Bipod-(105695)
8206780	K00983/A02535 Base 450-470, 35W 25khz
8206812	PDL 2.4dBi MOBILE WHIP ANTENNA 450-470
8206813	A00911 PDL Mobile Whip Pole Mt w/8ft cab
8206814	PDL TRIPOD ANTENNA MAST W/CARRYING CASE
8206822	F00510 PDL Base Soft Carrying Case
8206823	PDL BASE SHIPPING CASE
8210331	TR500/GHT27/RX1200 CRADLE ASSEMBLY
8211246	GPS PRECISE ANTENNA TRIPOD
8211304	RANGE POLE MOUNT A000911 W/10M CABLE
8211945	CARRYING BAG, CABLE KIT , FUSE, MANUAL

8213894	C02549 PDL Trans. Elevated Feed Antenna
8214101	Mobile Whip Antenna 430-450 Mhz
8214231	PDL BASE STD KIT, 430-450 MHZ/25KHZ
8214944	PDL/GFU15 radio , 0W 430-450Mhz
8214946	K00236 PDL/GFU15 KIT, 450/20, 25KHZ
8215382	CARBON FIBER ROB.POLE 11.81' (5129-72)
8216459	5191-00 TOPO SHOE
8216491	Carbon Fiber Pole 5.0 - 8.4 ft w/CH Tip
8216499	Intuicom 900Mhz w/GFU15 Housing
8216522	Intuicom 2.5 dB Omni Antenna
8218019	Orange Tripod Bag
8219313	Tripod Bracket For Collector
8219808	TNC M to TNC F Right Angle Adapter
8223796	TOPO Shoe and Point Combo
8224610	ROD REST
8226383	6402-10 Flo Orange Prism Assembly
8227489	Carbon Fiber Tripod w/Thumb Release
8231810	SmartNet NRTK Dealer Demo & Rental Lic.
8232671	SmartNet NRTK Host License
8233692	Intuicom SLR900 Radio w/ant. and adapter
8238941	Battery Bag
8238942	Battery Charger
8238943	5 dbi UHF Whip Antenna
8238944	Antenna Mount (TNC/NMO)
8238945	Power Cable 4pin ODU to SAE w/Leads
8239110	ADL Vantage Pro Radio 430-470 Mhz
8239111	ADL Data Power Cable
8239112	Range Pole Mount
8239113	ADL Transport Case
8239114	A01509 ADL Charger
8239451	C02548 PDL Trans. Elevated Feed Antenna
8240080	900MHZ 5DB Antenna Kit w/20' cable
8240958	HxGN LIVE 2022 Registration
8240967	Power Supply--PACCrest
8242014	TRIPOD W/TELESCOPING MAST & BAG SATEL
8242247	16 foot, BNC to NMO antenna cable
8242911	INTUICOM RTK BRIDGE-C W/INTERNAL HSPA MODEM, L1 GPS, 403-470MHZ TRANSCEIVER,TNC ANTENNA CONNECTORS, TWO SERIAL INTERFACES (LEMO). 12-24 VOLTS. MOUNTING CLIP INCLUDED. POWER & DATA PROGRAMMING CABLE,AC TO DC
8245790	TRIPOD MOUNT SYSTEM
8219921	Stainless Steel adapter 5/8 to stub
8252925	21826 Panasonic battery charger CF-20
8252926	10190 Panasonic 12v car charger
8254582	21137 Connection cable socket "M"
8255006	22293 SenControl IMS absolute

- when it has to be right

Leica Geosystems

8255007   10421 TGE 1600 - TGS FX Gauge extension

TS13AutomatedTPS

Article	Description
6014746	TS13 5" R500 Robotic Instrument Kit
6014748	TS13 1" R500 Robotic Instrument Kit
6014747	TS13 3" R500 Robotic Instrument Kit
6010409	Robotic Accessory Kit w/Hard Case
6010410	Robotic Acc. Kit w/Case+Tripod(SmarPole)

CS20 Captivate Field Controller

Article	Description
6012455	CS20 Software Package US
6017711	Captivate Subscription Bundle

CS20 ext. Warranty

Article	Description
5306309	4 yr CS20 Ext. Warranty

Accessories

Article	Description
734389	GDC221, Car adapter for the GKL221 charger. Allows the use of the GKL221 with a cigarette lighter; 12V24V DC/DC Converter.