

Leica Zeno GIS Equipment List



- when it has to be **right**

Leica
Geosystems

Table of Contents

Leica GNSS/GIS Smart Antennas		3
1	Leica Zeno FLX100 plus Smart Antenna	3
1.1	Leica Zeno FLX100 plus Smart Antenna	3
1.2	Accessories FLX100 plus	3
2	Leica Zeno GG04 plus Smart Antenna	4
2.1	Leica Zeno GG04 plus Smart Antenna	4
2.2	Upgrade Options	4
3	Accessory for GG04 plus Smart Antenna	5
3.1	Battery	5
3.2	Battery Chargers	5
3.3	Universal Pole Holders	5
3.4	Data Cable	5
3.5	Transport Container	5
3.6	Poles	6
Upgrade Options		7
4	Hardware upgrade option for GG04	7
5	Upgrade options for GG04 plus	7
Rugged Tablets		8
6	Rugged Android Tablets	8
6.1	CSX8 Tablet	8
6.2	Accessories for Leica CSX8	8
Leica Zeno Software		9
7	Software	9
7.1	Leica Zeno Mobile One	9
7.2	Leica Zeno Mobile One Options	9
7.3	Leica Zeno Connect	9
Leica GNSS/GIS Rover Packages		10
8	Leica GNSS/GIS Rover Packages with Leica Zeno Mobile One/Connect	10
8.1	Leica Zeno Packages for FLX100 plus	10
8.2	Leica Zeno Packages for GG04 plus	10
Care Packages		11
9	Customer Care Packages	11
Trademarks		12
10	Trademarks	12
Suggested Packages		13
11	GG04 plus Tablet Solution (6015434)	13
12	FLX100 plus Pole Start Package (6017823)	14

Leica GNSS/GIS Smart Antennas

1 Leica Zeno FLX100 plus Smart Antenna

1.1 Leica Zeno FLX100 plus Smart Antenna



958 981	FLX100 plus	Leica Zeno FLX100 plus Smart Antenna including multi-constellation support (GPS, Glonass, Galileo and Beidou). New variant, capable of connecting to Android, Windows and Apple devices. Comes with power adapter, USB-C charging cable, USB-C/USB-A cable and AZ222 Arm/Belt pouch for FLX100 (plus). The FLX100 plus is supported by Zeno Mobile One, Zeno Mobile and Zeno Connect (for 3rd party applications).
1000242	FLX100 plus	Leica Zeno FLX100 plus Smart Antenna SGP* including multi-constellation support (GPS, Glonass, Galileo and Beidou). New variant, capable of connecting to Android, Windows and Apple devices. Comes with power adapter, USB-C charging cable, USB-C/USB-A cable and AZ222 Arm/Belt pouch for FLX100 (plus). The FLX100 plus is supported by Zeno Mobile One, Zeno Mobile and Zeno Connect (for 3rd party applications). Made in Singapore.

* Available in selected countries only.

1.2 Accessories FLX100 plus



915 867	AZ219	Pole Mount to attach FLX100 plus with pole 5/8 pole mount to attach a FLX100 plus to a Leica GNSS pole.
921 109	AZ222	Arm/Belt pouch for FLX100 plus The arm/belt carry pouch allows to carry the FLX100 plus receiver on your waist or on your arm.
915 868	AZ220	Universal Handheld Tray for FLX100 plus Universal Handheld Tray for Leica Zeno FLX100 plus Smart Antenna. Build your own GNSS-handheld by combining your smartphone/tablet sized up to 11" (height range 129 mm - 182 mm) with the FLX100 plus. Please refer to our documentation for supported mobile devices. For tablet usage, add AZ224 Handstrap tether for Tablets.
948 730	AZ225	Universal Handheld Tray FLX100 plus > 11" Universal Handheld Tray for Leica Zeno FLX100 plus Smart Antenna. Build your own GNSS-handheld by combining your smartphone/tablet sized from > 11"- 12.9" (height range 183 mm - 227 mm) with the FLX100 plus. Please refer to our documentation for supported mobile devices. For tablet usage, add AZ224 Handstrap tether for Tablets.
948 729	AZ224	Handstrap tether for 8"- 12.9" tablets Needed to attach tablets on AZ220 or AZ225 Universal Handheld Tray for Leica Zeno FLX100 plus Smart Antenna.
917 860	AZ221	Softbag for FLX100 plus Softbag for FLX100 plus for transportation and protection against dirt - includes belt loop.

2 Leica Zeno GG04 plus Smart Antenna


2.1 Leica Zeno GG04 plus Smart Antenna




867 128 **GG04 plus PROF** GG04 plus Professional. GPS&Glonass Multi-Frequency GNSS smart antenna with RTK processing kernel, 20 Hz, 555 channels, upgradeable options, raw data logging support & NMEA streaming. A Zeno Connect license is already included with the GG04 plus in order to use the antenna on Android/iOS mobile devices (smartphones/tablets) via Zeno Connect from the Google Play Store or Apple App Store (iOS).

	GG04 plus PROF (867 128)
Frequencies	Multi-Frequency
Accuracy RTK	1 cm + 1 ppm
Accuracy Post-Processed	1 cm + 1 ppm
GLONASS capable	●
Galileo capable	○
BeiDou capable	○
SmartNet PPP capable	○
Integrated GNSS receiver & antenna	●
Integrated SBAS	●
Channels	555
NMEA & Android Location Service output (via Zeno Connect)	●
additional BT port for NMEA GNSS metadata	●
RTCM input	●
Raw Data Logging	●
iOS, Android, Windows support	●

- Standard
- Optional

 GG04 plus is supported in Zeno Mobile One and Zeno Connect.

2.2 Upgrade Options

 For software & tracking upgrade options please refer to "5 Upgrade options for GG04 plus".

3 Accessory for GG04 plus Smart Antenna

3.1 Battery



772 806	GEB212	Lithium-Ion battery, 7.4V/2.6Ah, rechargeable.
---------	---------------	--

3.2 Battery Chargers



799 185	GKL311	Single-bay Charger Professional 3000. Charger for one Li-Ion battery (GEB211, GEB212, GEB221, GEB222, GEB241, GEB242 and GEB311), including AC/DC adaptor and cigarette lighter cable.
---------	---------------	--



799 187	GKL341	Multi-bay Charger Professional 5000. Charges up to 4 batteries (GEB211, GEB212, GEB221, GEB222, GEB241, GEB242 and GEB311), including power cable.
---------	---------------	--

734 389	GDC221	Car adapter for the GKL341 charger. Allows the use of the GKL341 with a cigarette lighter; 12V/24V DC/DC converter. Can also be used to power CS15 field controller directly from a cigarette lighter.
---------	---------------	--

3.3 Universal Pole Holders



854 153	UVPMSPH	Universal Pole Mount small Smartphones Pole mount to attach a smartphone (up to 3.25"/8 cm phone width) to a Leica GNSS pole, incl. plate and mount.
---------	----------------	---

857 351	UVPMLPH	Universal Pole Mount large Smartphones Pole mount to attach a smartphone (3" - 4.5"/8-11.5 cm phone width) to a Leica GNSS pole, incl. plate and mount.
---------	----------------	--

857 383	UVPMLTA	Universal Pole Mount large Tablets Pole mount to attach a tablet (9 - 10" screen) to a Leica GNSS pole, incl. plate and mount.
---------	----------------	---

854 154	UVPMSTA	Universal Pole Mount for small Tablets to attach a tablet (7-8" screen) to a Leica GNSS pole, incl. plate and mount.
---------	----------------	--

948 741		Universal Pole Mount for extra large tablets to attach a tablet (13" screen) to a Leica GNSS pole, incl. plate and mount.
---------	--	---

3.4 Data Cable



733 282	GEV162	Data transfer cable 2.8 m.
---------	---------------	----------------------------

767 899	GEV234	Data transfer cable, 2 m, connects GG04 plus to USB.
---------	---------------	--

3.5 Transport Container



855 306	GVP734	Small hard container for GG04 plus.
---------	---------------	-------------------------------------

873 933	GVP738	Hard container for Leica Zeno GG04 plus Rover, to fit Leica Zeno Tab and Leica Zeno GG04 plus in one container.
---------	---------------	---

980 905	GVP749	Hard container for Leica Zeno GG04 plus Rover, to fit Leica CSX8 and Leica Zeno GG04 plus in one container.
---------	---------------	---

3.6 Poles



768 226	GLS13	Telescopic aluminium GNSS pole with 5/8" screw. Snap locks at 1.80m and 2.00m. Includes circular bubble.
752 292	GLS30	Telescopic carbon GNSS pole with 5/8" screw. Snap locks at 1.80m and 2.00m. Includes circular bubble.

Upgrade Options

4 Hardware upgrade option for GG04

864 664	Service-Upgradekit	Upgradekit GG04 to GG04 plus (Service) Hardware upgrade to enable iOS support and multiple Bluetooth connections at once (required for example for Collector for ArcGIS high accuracy release).
---------	---------------------------	--

5 Upgrade options for GG04 plus

844 248	GG04 plus GLO	GG04 Option to upgrade the GG04 plus to track Glonass.
844 304	GG04 plus BEI	GG04 Option to upgrade the GG04 plus to track Beidou.
844 306	GG04 plus GAL	GG04 Option to upgrade the GG04 plus to track Galileo.
844 307	GG04 plus MULTIRTK	Upgrade option to track multiple signals from all activated satellite systems & RTK processing kernel activation.
5310900	GG04 plus 1 yr SmartNet PPP Service	GG04 plus upgrade to receive TerraStar C Pro corrections via L-Band to achieve accuracies of about 5 cm. Service valid for 1 year. Multi-Frequency option required.
5311280	GG04 plus 1 mth SmartNet PPP Service Trial	GG04 plus trial upgrade to receive TerraStar C Pro corrections via L-Band to achieve accuracies of about 5 cm. Service valid for one month. Maximum 2 renewals allowed. Multi-Frequency option required.



The SmartNet PPP service contract (i.e. TerraStar C Pro corrections) automatically renews every year. There is no need to re-order the service for continuation.

Rugged Tablets

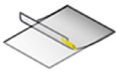
6 Rugged Android Tablets

6.1 CSX8 Tablet



Tablet		
971 100	CSX8	Leica CSX8 Tablet (EU) Leica CSX 8" screen, Android 12, Google Mobile Services, 8 GB RAM, 256GB Flash, WiFi, Bluetooth, USB-A and USB-C plug, MicroSD card slot, 32 MPix Camera with dual flash, 8 MPix Camera front, 4G/5G LTE module, Dual frequency GNSS, IP66/68 environmental protection. Includes 1 Li-Ion battery, 1 USB-C charging cable with EU/UK/US/AUS power adapter, hand strap, and Quick Guide. 2 years warranty. Comes pre-fitted with a screen protection and transportation foil. (LGT-08QA-2301)
973 761	CSX8	Leica CSX8 Tablet Leica CSX 8" screen, Android 12, Google Mobile Services, 8 GB RAM, 256GB Flash, WiFi, Bluetooth, USB-A and USB-C plug, MicroSD card slot, 32 MPix Camera with dual flash, 8 MPix Camera front, 4G/5G LTE module, Dual frequency GNSS, IP66/68 environmental protection. Includes 1 Li-Ion battery, 1 USB-C charging cable with EU/UK/US/AUS power adapter, hand strap, and Quick Guide. 2 years warranty. Comes pre-fitted with a screen protection and transportation foil. (LGT-08QA-2301)
Accessory for Tablet		
971 102	GHT87	Holder for CSX8 Tablet
767 880	GHT63	Clamp arrangement for attaching the GHT87 to all poles.
907 285	GEB256	GEB256 Li-Ion Battery BA820
971 104	GEV295	GEV295 USB-C Power Supply QC v3
971 980	SPF11	SPF11 Screen Protection Foil CSX8
975 963		CSX8 Hand Strap

6.2 Accessories for Leica CSX8



Transport Container		
980 905	GVP749	Hard container for Leica Zeno GG04 plus Rover, to fit Leica CSX8 and Leica Zeno GG04 plus in one container.
Pole Holder		
971 102	GHT87	Pole holder for CSX8 with QuickLock.
767 880	GHT63	Pole clamp for attaching GHT87 to pole.
Screen Protection Foil		
971 980	SPF11	Screen protection foil for CSX8.
Spare Battery		
907 285	BA820	Spare Li-Ion battery for CSX8.
Spare Power Supply		
971 104	GEV295	Spare USB-C Power Supply QC v3 for CSX8.

Leica Zeno Software

7 Software

7.1 Leica Zeno Mobile One

5312065	Leica Zeno Mobile One Subscription 1 year. Leica Zeno Mobile One is an easy-to-use iOS and Android app for collecting high accuracy GNSS measurements and visualising and sharing geospatial data. 1 year subscription.
983 309	Leica Zeno Mobile One Time Limited 5 years. Leica Zeno Mobile One is an easy-to-use iOS and Android app for collecting high accuracy GNSS measurements and visualising and sharing geospatial data. 5 years time limited.
983 304	Leica Zeno Mobile One Trial 30 days. Leica Zeno Mobile One is an easy-to-use iOS and Android app for collecting high accuracy GNSS measurements and visualising and sharing geospatial data. The trial version allows customers to evaluate all features and functions of Zeno Mobile One. 30 days time limited.
983 305	Leica Zeno Mobile One Demo 1 year. Leica Zeno Mobile One is an easy-to-use iOS and Android app for collecting high accuracy GNSS measurements and visualising and sharing geospatial data. The demo version allows demonstration of Zeno Mobile One for sales staff and includes all features and functions. 1 year time limited.

7.2 Leica Zeno Mobile One Options

5312505	Leica Zeno Mobile One ALKIS Subscription 1 year*	Leica Zeno Mobile One ALKIS Subscription 1 year* The ALKIS option for Zeno Mobile One provides cadastre data for the whole of Germany via built-in WFS and WMS web services. Visualise detailed cadastre information and high-resolution aerial imagery in combination with your own data layers to better understand land ownership or stake out property boundaries. 1 year subscription.
---------	---	---

*ALKIS data available in Germany only.

7.3 Leica Zeno Connect

788 866	GSW998	Leica Zeno Connect on CS25 plus. Leica Zeno Connect on CS25 plus is a utility to configure the new Leica Zeno smart antennas and to stream NMEA. Leica Zeno Connect on CS25 plus is supporting the CS25 plus. Protected.
788 869	GSW1001	Leica Zeno Connect on CS25 Demo. Demo license which allows to demonstration of Zeno Connect on CS25. 1-year expiry. Protected.



Zeno Mobile One and Zeno Connect (iOS and Android) can be downloaded from the App Store and Google Play.

Leica GNSS/GIS Rover Packages

8 Leica GNSS/GIS Rover Packages with Leica Zeno Mobile One/Connect

8.1 Leica Zeno Packages for FLX100 plus

Leica Zeno FLX100 plus Handheld Packages

6017821	FLX100 plus Tab Solution Handheld ZM	FLX100 plus Handheld Starter package that includes: Leica Zeno FLX100 plus Smart Antenna including multi-constellation support (GPS, Glonass, Galileo and Beidou). Comes with power adapter, USB-C charging cable, USB-C/USB-A cable, AZ222 Arm/Belt pouch for FLX100 (plus), AZ221 Softbag for FLX100 plus, Leica CSX8 Android tablet (choice of EU or Non-EU variant), AZ220 Universal Handheld Tray for FLX100 plus and Zeno Mobile One, 1 year subscription.
6017822	FLX100 plus Tab Solution Handheld	FLX100 plus Handheld Starter package for 3rd party software that includes: Leica Zeno FLX100 plus Smart Antenna including multi-constellation support (GPS, Glonass, Galileo and Beidou). Comes with power adapter, USB-C charging cable, USB-C/USB-A cable, AZ222 Arm/Belt pouch for FLX100 plus, AZ221 Softbag for FLX100 plus, Leica CSX8 Android tablet (choice of EU or Non-EU variant), AZ220 Universal Handheld Tray for FLX100 plus. Install Zeno Connect from the app stores in order to use 3rd party software.

Leica Zeno FLX100 plus Pole Packages

6017823	FLX100 plus Tab Solution Pole ZM	FLX100 plus Pole Starter package with Zeno Mobile One that includes: Leica Zeno FLX100 plus Smart Antenna including multi-constellation support (GPS, Glonass, Galileo and Beidou). Comes with power adapter, USB-C charging cable, USB-C/USB-A cable, AZ222 Arm/Belt pouch for FLX100 plus, AZ221 Softbag for FLX100 plus, CSX8 Android tablet (choice of EU or Non-EU variant), CSX8 pole holder and clamp, GLS30 GNSS telescopic pole, AZ219 5/8 pole mount to attach a FLX100 plus to a Leica GNSS pole, Zeno Mobile One, 1 year subscription.
6017824	FLX100 plus Tab Solution Pole	FLX100 plus Pole Starter package for 3rd party software that includes: Leica Zeno FLX100 plus Smart Antenna including multi-constellation support (GPS, Glonass, Galileo and Beidou). Comes with power adapter, USB-C charging cable, USB-C/USB-A cable, AZ222 Arm/Belt pouch for FLX100 plus, AZ221 Softbag for FLX100 plus, CSX8 Android tablet (choice of EU or Non-EU variant), CSX8 pole holder and clamp, GLS30 GNSS telescopic pole, AZ219 5/8 pole mount to attach a FLX100 plus to a Leica GNSS pole. Install Zeno Connect from the app stores in order to use 3rd party software.

8.2 Leica Zeno Packages for GG04 plus

6015434	GG04 Plus Tablet Solution	The GG04 plus Tablet Solution package is a ready to start pack that includes: Leica CSX8 Android tablet (choice of EU or Non-EU variant), a GG04 plus Professional smart antenna, Zeno Mobile One, 1 year subscription, a GLS30 carbon fibre pole, Hard Container for Zeno GG04 plus Rover, CSX8 pole holder and clamp, a GEB212 battery and a GLK311 battery charger.
---------	--------------------------------------	---

Care Packages

9 Customer Care Packages



A wide selection of comprehensive Customer Care Packages (CCPs) is available bundling Hardware Maintenance, Software Maintenance, Customer Support and Extended Warranty.

For more information about the CCP offering in your country please contact your local Leica Geosystems organization or distribution partner.

Trademarks

10 Trademarks

ArcPad™ is a registered trademark of Environmental System Research Institute Inc. Redlands, USA.

ESRI word mark is owned by ESRI Inc, USA.

The *Bluetooth*® word mark and logos are owned by Bluetooth SIG, Inc. and any use of such marks by Leica Geosystems AG is under license.

SD is a trademark of the SD Card Association.

Microsoft, Windows® and the Windows logo are either registered trademarks or trademarks of Microsoft Corporation in the United States and / or other countries.

Android™ is a trademark of Google Inc.

Apple is a trademark of Apple Inc., registered in the U.S. and other countries.

IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

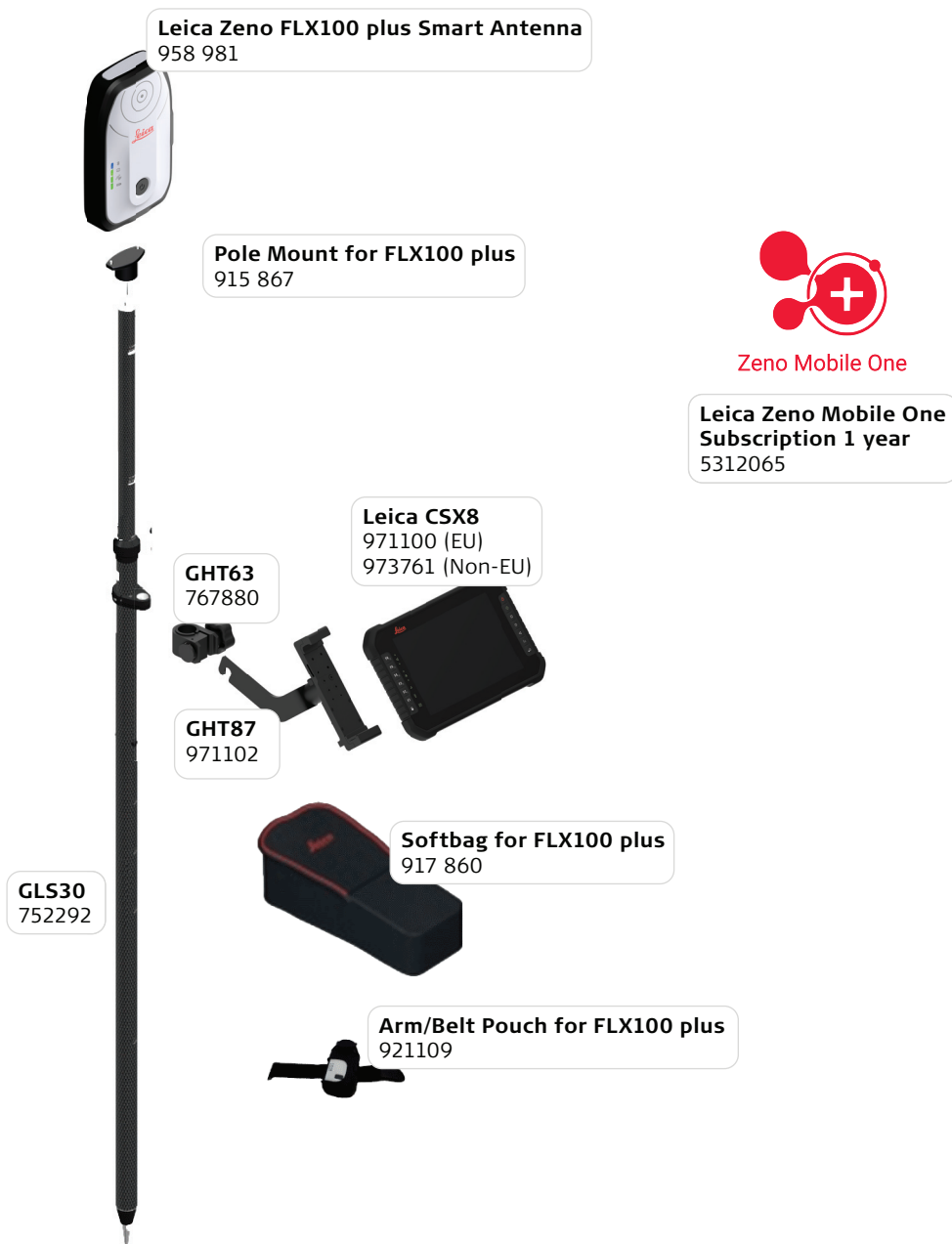
Other trademarks and trade names are those of their respective owners.

Suggested Packages

11 GG04 plus Tablet Solution (6015434)



12 FLX100 plus Pole Start Package (6017823)



Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Geosystems division provides a comprehensive portfolio of digital solutions that capture, measure, and visualise the physical world and enable data-driven transformation across industry ecosystems.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 22,000 employees in 50 countries and net sales of approximately 4.3bn EUR. Learn more at hexagon.com and follow us @HexagonAB.



Illustrations, descriptions and technical specifications are not binding and may change.
Printed in Switzerland - Copyright Leica Geosystems AG, Heerbrugg, Switzerland, 2024.
776619 - 7.6.0en - VII.24

Leica Geosystems AG
Heinrich-Wild-Strasse
CH-9435 Heerbrugg
Switzerland
Phone +41 71 727 31 31
www.leica-geosystems.com

- when it has to be **right**

Leica
Geosystems