

Leica GG04 plus

Precise Point Positioning



Precise Point Positioning (PPP) is a positioning method that provides corrections to a GNSS receiver to improve position accuracy. PPP is available for the Leica GG04 plus smart antenna and works anywhere in the world, anytime. As the corrections are provided via satellite rather than the internet, you do not have to rely on mobile internet coverage or radio signals. The survey grade GG04 smart antenna is capable of measuring to centimetre accuracy when using PPP, removing the need for network RTK or base/rover setups.

PRECISE POINT POSITIONING WITH GG04 PLUS

- Measure without limits: get high accuracy measurements anywhere in the world, including remote and harsh environments, without having to rely on an internet connection or radio signals.
- Save time: simplify your work with no further costs as base station setups or communication equipment are not needed.
- Keep working: performance is maintained in difficult or variable conditions. PPP can work alongside network RTK when it is available.
- Ease of use: No specialist training required. Simply start the PPP service at the touch of a button in the Leica Zeno Mobile or Zeno Connect apps.
- No post processing: As PPP provides high accuracy positions in real time, there is no need for post processing software and knowledge.

leica-geosystems.com

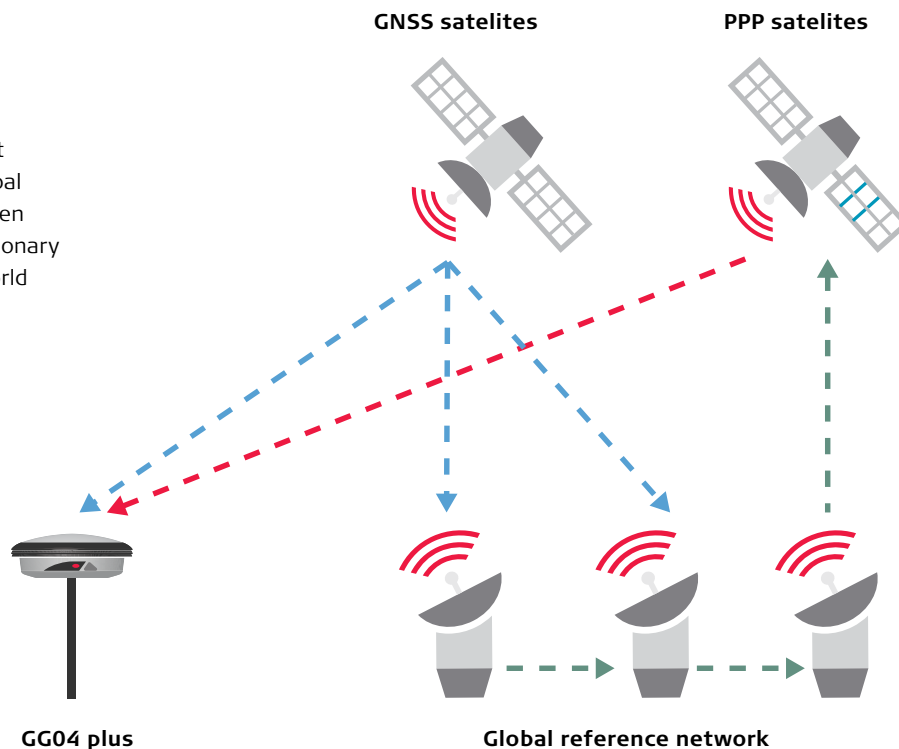


- when it has to be **right**

Leica
Geosystems

PART OF
HEXAGON

PPP works by combining GNSS time and orbit information with correction data from a global reference network. These corrections are then broadcast to your GNSS receiver via geostationary satellites no matter where you are in the world



In order to use the service a dual-band GG04 plus professional antenna is required. PPP subscriptions for the GG04 plus are called "Spot" and there are two options available:

Spot Prime

15
min



5 cm and better

Spot Light

8
min



60 cm and better

To reach the best accuracy available for your subscription a period of convergence is required to steadily improve the position to the best available.

A one month Spot Prime trial subscription is available for new GG04 plus users to experience the benefits of Spot first-hand.



GG04 PLUS SMART ANTENNA

RTK, Multi-frequency < 1 cm + 1ppm

GPS, GLONASS, Galileo, BeiDou, QZSS, SBAS

IP66 and IP68 & 1 m drop resistant

Bluetooth®, 8-pin Lemo combined USB / Serial 232 port



LEICA ZENO TAB 2

Android 8.0

8" sunlight readable screen (1280 x 800)

IP67 & 1.2 m drop resistant, MIL-STD-810G, MIL-STD-461F

GSM, Wi-Fi, Bluetooth®, NFC



ZENO MOBILE

Intuitive feature editing and attribute entry

Professional multi-collect and stakeout tools available

Create and connect to RTK sources

Comprehensive coordinate system support and configuration

Copyright Leica Geosystems AG, 9435 Heerbrugg, Switzerland. All rights reserved. Printed in Switzerland – 2020. Leica Geosystems AG is part of Hexagon AB. 917985en – 03.20

Leica Geosystems AG
Heinrich-Wild-Strasse
9435 Heerbrugg, Switzerland
+41 71 727 31 31

- when it has to be **right**

Leica
Geosystems