

November 30th, 2023

No 16/2023 GeoMax



Product Release

Zenith16 and Zenith40 GNSS Series: New firmware v8.10 available

We are pleased to inform you about the release of a new onboard firmware for the GeoMax Zenith16 and Zenith40 GNSS series. The following improvements have been made:

- RTK performance improvements of up to 30% in challenging environments, like under canopy and near buildings, compared to previous versions. This results in improved positioning accuracy and reliability, and in higher availability of positions.
- Improved time to first fix and performance of PPP in scintillation conditions for Zenith40.
- Introduction of PPP for Zenith16.
- Enhanced power supply setting for UHF radio module.

Update recommendation

To take advantage of these improvements, we recommend upgrading the Zenith16/40 GNSS receivers to the new receiver firmware v8.10 (OEM7 firmware v7.900). Please note that after the initial reception of the PPP activation message (i.e. at the GS Status panel a PPP date is shown for the first time) the Zenith16 smart antenna must restart to enable PPP.

Availability

The new firmware will be installed in production from now on, while receivers in stock will be shipped with the previous firmware version. Those units can be updated by downloading and installing the firmware from the GeoMax Partner Area or from X-PAD 365, following the instructions in the Installation Guide.



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