

Release Note

Topic ZED-F9P FW 1.00 HPG 1.11
UBX-19004753
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1 General information

1.1 Scope

This Release Note applies to ZED-F9P module firmware version 1.00 HPG 1.11.

The document covers the changes in the firmware for ZED-F9P compared to firmware version 1.00 HPG 1.10.

Please refer to the Release Note for FW 1.00 HPG 1.10, UBX-18070245, and Release Note for FW 1.00 HPG 1.00, UBX-18052237, for a full description.

1.2 Related documentation

- [1] u-blox ZED-F9P Interface Description, UBX-18010854
- [2] u-blox ZED-F9P Data Sheet, UBX-17051259
- [3] u-blox ZED-F9P Integration Manual, UBX-18010802
- [4] u-blox ZED-F9P Release Note FW 1.00 HPG 1.00, UBX-18052237 R02
- [5] u-blox ZED-F9P Release Note FW 1.00 HPG 1.10, UBX-18070245

2 Released firmware image

Released firmware image for u-blox ZED-F9P	
File	UBX_F9_100_HPG_111_ZED_F9P. a04704f440c1f6725b0a30725b95d101.bin
Firmware version	EXT CORE 1.00 (94e56e) FWVER=HPG 1.11
ROM base support	ROM 1.02 - ROM BASE 0x118B2060 ROM 1.01 - ROM BASE 0xDD3FE36C ROM 0.40 - ROM BASE 0xCAAF619C

2.1 Related software

Version 19.01 (or later) of u-center GNSS evaluation software is recommended to be used with the released product.

3 Firmware changes

3.1 New features

There are no new features in this firmware release compared to firmware version 1.00 HPG 1.10.

3.2 Improvements

- Disabling UART1 or using SPI (i.e. pulling down D_SEL to enable SPI and disable UART1) works as expected.
- RTCM correction streams ending with SBAS MSM messages are handled correctly.
- The NMEA signal ID in GSV messages is properly set even when signal is not used in navigation.

3.3 Firmware known limitations

- A receiver moving at very slow speed (<10 cm/s) does not update the heading information in UBX-NAV-PVT. The velocity vectors can be used reliably.
- The Geofence status pin is only available on the default pin configuration.