

Product Change Notification

Topic New software version for NINA-W131-00B / NINA-W132-00B
UBX-18016827

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1 Affected Products

Product Name	Order Number	Type Number (old)	Type Number (new)
NINA-W131	NINA-W131-00B	NINA-W131-00B-00	NINA-W131-00B-01
NINA-W132	NINA-W132-00B	NINA-W132-00B-00	NINA-W132-00B-01

2 Type of Change

- Hardware modification
- Software update
- Documentation update
- Others

3 Description of Change

3.1 Software update

The u-blox connectivity software version 1.0.0 used with NINA-W131-00B-00 and NINA-W132-01B-00 runs a configuration procedure during startup that sets the transmitted Wi-Fi power below the rated level. This issue limits the highest output power to a level much lower than the values specified in the NINA-W13 series Data Sheet.

In the updated software version - 1.0.1, the configuration procedure is corrected and the output power level is restored to the specified level.

The new type numbers - NINA-W131-00B-01 and NINA-W132-00B-01 are pre-flashed with the software version 1.0.1.

3.2 Documentation update

See the Reference Documents section for the updated documentation.

4 Schedule

Estimated First Shipment Date ¹ :	2018-04-25
Documentation:	2018-04-25

5 Customer Impact and Recommended Action

Once this change is effective, customers placing orders on the existing order number will receive the modules with updated software automatically.

u-blox has taken the utmost care to ensure that the updated software is backward compatible with its predecessor. The update does not require any change to the customer application software in the host system. It is expected that the customer will experience higher transmitted power compared to the previous software version. This update will not affect the existing product certifications.

6 Reference Documents

- [1] u-blox Short Range Modules AT Commands Manual (UBX-14044127)
- [2] NINA-W13 series Data Sheet (UBX-17006694)
- [3] NINA-W1 series System Integration Manual (UBX-17005730)
- [4] NINA-W13 series Getting Started (UBX-17041605)
- [5] NINA-W13 SW1 Release Notes (UBX-17064927)

¹ The Estimated First Shipment Date is the forecasted date that a customer may expect to receive changed product with the new Type Number. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive the changed product on this date, u-blox will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.