

U-BLOX MODUL EXPANDABLE G2_OPTIONAL GPS

It's all about choices! With our OPTIONAL GPS solution, you can retrofit your TOUGHBOOK G2 to enable more precise location measurements. The OGPS with the U-BLOX module is integrated into the back of the tablet and is connected at the top slot being rain protected. The measurement accuracy is less than 2.5 metres and therefore corresponds to the original module.

In combination with the GIANT CORNER GUARDS, the back of the tablet remains straight and the device keeps being stable on surfaces.



WITH EMBOSSED
GNSS-SYMBOL



FUNCTION

For more precise location detection with the TOUGHBOOK G2

FACTS

- Original configurable GPS module: U-BLOX 8 UBX-M8030-KT
- Tested tightness by PWA's own rain simulator
- Measurement precision identical to original module: less than 2,5 m (2D)

FEATURES

Frequencies:

- GPS: L1, 1575,4200 MHz
- GLONASS: L1, 1602 (k x 0,5625) MHz
- BEIDOU COMPASS: B1, 1561,0980 MHz
- GALILEO: E1, 1575,4200 MHz
- QZSS: L1, 1575,4200 MHz

PERFORMANCE

- Processes signals from up to 72 satellites simultaneously
- Supports AssistNow online/offline, SBAS (WAAS, EGNOS, QZSS and MSAS)
- Supports NMEA 0183 Protocol: GGA, GSA, GSV, RMC, VTG
- USB specification 2.0
- Auto Baud Rate up to 115200 bps
- Update Rate: single GNSS: 18 Hz (z. B. GPS solo) / multiple GNSS: 10 Hz (e. g. GPS + GLONASS)
- Sensitivity max. -167 dBm
- Cold start within approx. 26 seconds
- Hot start within approx. 1 second

USEABLE WITH PWA SOLUTIONS

- PWA_G2_GCG (GIANT CORNER GUARDS)
- PWA_G2_PH (POLE HOLDER)

ORDER NUMBER

PWA_G2_oGPS

MORE INFO? CONTACT OUR SALES TEAM:

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