

NL-802U EVA-M8Q USB 2.0 Multi GNSS Receiver u-blox 8 1.5 m

Description

The USB 2.0 Multi GNSS receiver based on u-blox 8 chipset has a built-in antenna for high sensitivity. It is possible to use this Multi GNSS receiver with a laptop and suitable routing software for navigation.



Item no. 62781

EAN: 4043619627813

Country of origin: Taiwan,
Republic Of China

Package: Box

Technical details

- Connector: 1 x USB 2.0 Type-A male
- Chipset: u-blox 8 EVA-M8Q
- Frequency:
 - 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
- Accepts the signals of up to 72 satellites at the same time
- Supports AssistNow online / offline, SBAS (WAAS, EGNOS, QZSS and MSAS)
- Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG
- Auto Baud Rate up to 115200 bps
- Update rate:
 - single GNSS: 18 Hz (e.g. GPS solo)
 - multi GNSS: 10 Hz (e.g. GPS+GLONASS)
- Sensibility: max. -164 dBm
- Protection class: IPX6
- Magnetic, non-slip on the bottom
- LED-indicator for GPS status
- Operating temperature: -10 °C ~ 50 °C
- Power supply: 5 V DC
- Current consumption: max. 45 mA

- Cold start in ca. 26 seconds
- Hot start in ca. 1 second
- Positioning accuracy: 2.5 m CEP (Circular Error Probable) and 2 m CEP with SBAS
- Cable length: ca. 1.5 m
- Dimensions (LxWxH): ca. 65 x 45 x 22 mm

System requirements

- Android 10.0 or above
- Chrome OS 90.0 or above
- Linux Kernel 5.8 or above
- Windows 10/10-64/11
- PC or laptop with a free USB Type-A port

Package content

- USB 2.0 receiver

Images



General

Protection class:	IPX6
Suitable for indoor:	yes
Suitable for outdoor:	yes

Interface

Connector:	1 x USB Type-A male
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Technical characteristics

Operating voltage:	5 V
Chipset:	u-blox 8 EVA-M8Q
Frequency range:	1559.052 - 1616.000 MHz
Operating temperature:	-10 °C ~ 50 °C
Polarisation:	RHCP
Current consumption:	45 mA
Sensitivity:	-164 dBm
Update rate:	up to 18 Hz

Physical characteristics

Housing colour:	black
Cable colour:	black
Cable length incl. connectors:	1.5 m

Manufacturer information

Street	Beeskowdamm 13/15
Postal code	14167
City	Berlin
Country	Deutschland
E-Mail	info@navilock.de
Website	www.navilock.de

