

NL-8004U USB 2.0 Multi GNSS Receiver u-blox 8 4.5 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. The NL-8004U GNSS receiver can be installed onto different vehicle roofs (car, truck, bus etc.) by using the included installation material. Thus it can perfectly fit into the vehicle concept, due to its design.



Item no. 62531

EAN: 4043619625314

Country of origin: Taiwan,
Republic of China

Package: Retail Box

Technical details

- Connector: 1 x USB 2.0 Type-A male
- Chipset: u-blox 8 UBX-M8030-KT
- 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. -167 dBm
- Protection class: IPX7
- LED-indicator for GPS status
- Operating temperature: -20 °C ~ 60 °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. 4.5 m
- Dimensions (Ø x H without screw thread): ca. 62 mm x 21 mm

System requirements

- Linux Kernel 2.6 or above
- Windows Vista/7/8.1/10/11
- PC or laptop with a free USB Type-A port
- For devices with OTG function and optional OTG adapter: Windows 10

Package content

- USB 2.0 receiver
- Mounting material: stainless steel nut and washer
- Navilock support CD incl. driver and user manual

Images



General

Protection class:	IPX7
Suitable for indoor:	yes
Suitable for outdoor:	yes

Interface

Connector:	1 x USB 2.0 Type-A male
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Technical characteristics

Operating voltage:	5 V DC
Chipset:	u-blox 8 UBX-M8030-KT
Frequency range:	BEIDOU: B1, 1561.0980 MHz QZSS L1, 1575.4200 MHz GALILEO: E1 1575.4200 MHz GPS: L1, 1575.4200 MHz GLONASS: L1, 1602 (k x 0.5625) MHz
Operating temperature:	-20 °C ~ 60 °C
Current consumption:	45 mA
Sensitivity:	-167 dBm
Update rate:	up to 18 Hz

Physical characteristics

Housing colour:	black
Cable colour:	black
Cable length incl. connectors:	4.5 m
Diameter:	62 mm
Length:	21 mm

Manufacturer information

Street	Beeskowdamm 13/15
Postal code	14167

City	Berlin
Country	Deutschland
E-Mail	info@navilock.de
Website	www.navilock.de

