

Navilock NL-8022MU 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. You can use this GNSS Receiver with a laptop and a suitable routing software for navigation. The NL-8022MU GNSS receiver is especially designed for installation on a white ground (boat, camper, bus etc.) It is unremarkable and fits into the vehicle concept due to its housing design.



4,5 m

Item no. 62532

EAN: 4043619625321

Country of origin: Taiwan,
Republic of China

Package: Retail Box

Technical details

- Connector: 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
- IPX7 protection class
- 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

Microsoft Sensor and Location Platform ([Website](#))

- Profit from Windows applications (e.g. weather, maps, etc)
 - Supporting the GNSS location platform API (32 bit)
-

System requirements

- Windows Vista/7/8/8.1/10, Linux Kernel 2.6
 - 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

