

# Navilock NL-8022MU USB 2.0 Multi GNSS Receiver ublox 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.



#### Item no. 62532

EAN: 4043619625321 Country of origin: Taiwan, Republic of China

Package: Retail Box

#### **Specification**

- 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**



