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

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