Navilock NL-8002U 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. You can use this GNSS Receiver with a laptop and a suitable routing software for navigation.

Item no. 62523

EAN: 4043619625239

Country of origin: Taiwan, Republic of China

Package: Retail Box

Specification

- Connector: USB 2.0 type A male
- u-blox 8 UBX-M8030-KT chipset
- 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
- USB specification 2.0
- 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
- IPX6 protection class
- Magnetic, non-slip on the bottom
- LED-indicator for GPS-status
- Operating temperature: -20 °C ~ 60 °C
- Power supply: 5 Volt

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- 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

Microsoft Sensor and Location Plattform (Website)
- Profit from Windows applications (e.g. Weather, Maps, etc.)
- Supporting the GNSS locationplatform API (32bit)

System requirements

- Windows Vista/7/8/8.1/10, Linux Kernel 2.6
- PC or laptop with a free USB port
- For devices with OTG function and optional OTG adapter: Windows 10

Package content

- USB 2.0 receiver
- Driver CD
- User manual on CD ROM

Images

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