Navilock NL-82001UOTG Micro USB 2.0 OTG Multi GNSS UDR Receiver u-blox NEO-M8U 1.5 m

Description

The USB 2.0 Multi GNSS OTG UDR receiver by Navilock based on u-blox NEO-M8U chipset has a built-in active antenna as well as high-sensitivity sensors such as a 3D accelerometer and a 3D gyroscope. In conjunction with a mobile device, a reliable position determination is also possible when the GNSS signal is interrupted.

u-blox 8

Item no. 62873

EAN: 4043619628735

Country of origin: Taiwan, Republic Of China

Package: Retail Box

Specification
- Connector: USB 2.0 Type Micro-B OTG male
- Chipset: u-blox NEO-M8U
- 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
- Supports UDR from NMEA 4.1
- Auto Baud Rate up to 115200 bps
- Update rate: up to 20 Hz
- Sensibility max. -160 dBm
- IPX6 protection class
- Magnetic, non-slip on the bottom
- 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. 1.5 m
• Dimensions (LxWxH): ca. 65 x 45 x 22 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
• A free OTG USB Micro-B female port

Package content

• USB 2.0 OTG receiver
• Navilock support CD incl. driver and user manual