Navilock NL-8222MP MD6 Serial PPS Multi GNSS Receiver u-blox 8 10 m

Description

The MD6 serial 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 MD6 universal connector enables the connection of optional USB or serial connecting cables. The NL-8222MP 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. 62530

EAN: 4043619625307

Country of origin: Taiwan, Republic of China

Package: Retail Box

Specification

- Connector: MD6 Navilock plug (RS-232) (USB or serial cable are optional available)
- 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
- PPS signal on pin 6 (LVTTL 3,3 V)
- 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

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• Positioning accuracy: 2.5 m CEP (Circular Error Probable) and 2 m CEP with SBAS
• Cable length: ca. 10 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, Mac OS X
- MD6 connection cable

Package content

- MD6 serial receiver
- Mounting material: stainless steel nut and washer
- Navilock support CD incl. driver and user manual

Images

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