Item no.: 336006

62530 - NL-8222MP - MD6 Serial PPS Multi GNSS Receiver - u-blox 8, 10 m

117,¹¹ EUR

Item no.: 336006
shipping weight: 0.50 kg
Manufacturer: Navilock

📄 Product Description

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

- 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
- Package: Retail box

- 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
- Signals: Accepts the signals of up to 72 satellites at the same time
- Supports: AssistNow online / offline, SBAS (WAAS, EGNOS, QZSS and MSAS); 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
- Protection class: IPX7
- 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. 10 m
- Dimensions (x H without screw thread): ca. 62 mm x 21 mm
- Compatibility: Microsoft sensor and location platform (Website); profit from Windows applications (e.g. weather, maps, etc); supporting the GNSS location platform API (32 bit)

📄 Specifications