

Item no.: 336006

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

from **93,54 EUR**

Item no.: 336006
shipping weight: 0.30 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

Specifications

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 (LVTTTL 3.3 V)

Update rate: Single GNSS - 18 Hz (e.g. GPS solo); multi GNSS - 10 Hz (e.g. GPS+GLONASS)

Sensitivity: 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)

Scan this QR code to
view the product

All details, up-to-date
prices and availability

