

Item no.: 336003

Navilock NL-8004P - MD6 Serial PPS Multi GNSS Receiver - u-blox 8, 5 m

from **108,04 EUR**

Item no.: 336003
shipping weight: 0.20 kg
Manufacturer: Navilock



Product Description

Navilock NL-8004P - MD6 Serial PPS Multi GNSS Receiver - u-blox 8, 5 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-8004P GNSS receiver can be installed onto different vehicle roofs (car, truck, bus etc.) by using the included installation material. Thus it can perfectly fit into the vehicle concept, due to its 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. 5 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

