

Navilock NL-8003P MD6 Serial PPS Multi GNSS Receiver u-blox 8 1.5 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 notebook and a suitable routing software for navigation. The MD6 universal connector enables the connection of optional USB or serial connecting cables.



1,5 m

Item no. 62525

EAN: 4043619625253

Country of origin: Taiwan,
Republic of China

Package: Retail Box

Technical details

- Connector:
MD6 Navilock plug (RS-232) (USB or serial cable are optional available)
- u-blox 8 UBX-M8030-KT chipset
- 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 (LVTTTL 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
- IPX6 protection class
- Magnetic, non-slip on the bottom
- LED-indicator for GPS-status
- Operating temperature: -20 °C ~ 60 °C

- Power supply: 5 Volt
 - 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
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System requirements

- Windows Vista/7/8/8.1/10, Linux Kernel 2.6, Mac OS X
 - MD6 connection cable
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Package content

- MD6 serial receiver
 - Driver CD
 - User manual on CD ROM
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Images

