

NL-8005P MD6 Serial Multi GNSS Receiver u-blox 8 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 laptop and a suitable routing software for navigation. The MD6 universal connector enables the connection of optional USB or serial connecting cables.



Item no. 62526

EAN: 4043619625260

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)
- 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 (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 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 (LxWxH): ca. 65 x 45 x 22 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
- Navilock support CD incl. driver and user manual

Images



General

| | |
|-----------------------|------|
| Protection class: | IPX6 |
| Suitable for indoor: | yes |
| Suitable for outdoor: | yes |

Interface

| | |
|------------|--------------|
| Connector: | 1 x MD6 plug |
|------------|--------------|

Technical characteristics

| | |
|------------------------|--|
| Operating voltage: | 5 V DC |
| Chipset: | u-blox M8030-KT |
| Frequency range: | BEIDOU: B1, 1561.0980 MHz QZSS L1, 1575.4200 MHz GALILEO: E1 1575.4200 MHz GPS: L1, 1575.4200 MHz GLONASS: L1, 1602 (k x 0.5625) MHz |
| Operating temperature: | -20 °C ~ 60 °C |
| Current consumption: | 45 mA |
| Sensitivity: | -167 dBm |
| Update rate: | up to 18 Hz |

Physical characteristics

| | |
|--------------------------------|----------|
| Housing colour: | black |
| Housing material: | PC / ABS |
| Cable length incl. connectors: | 5 m |
| Length: | 65 mm |
| Width: | 45 mm |
| Height: | 22 mm |

Manufacturer information

| | |
|-------------|-------------------|
| Street | Beeskowdamm 13/15 |
| Postal code | 14167 |
| City | Berlin |
| Country | Deutschland |
| E-Mail | info@navilock.de |
| Website | www.navilock.de |