

34.95 EUR

incl. 19% VAT, plus shipping

- **Sirf 3 chipset !**
- **NL-302U**
- **Waterproof !**



The NL-302U GPS receiver features the new chipset SIRF3, is waterproof and has a magnetic and rugged case bottom. The integrated highly sensitive GPS Aerial gives you a maximum reception quality.

The connection cable can be enlarged up to 5 meters for optimal placement of the receiver. The integrated USB-to-Serial bridge eases usage. For installation you only need a small USB driver.

Technical details

General specifications

- SiRF Star III High Performance GPS Chipset
- High Sensitiv (Tracking sensivity: -159 dBm)
- Very short TTFF (Time To First Fix) even with low signal
- Support of NMEA 0183 protocol
- Internal memory for faster re-tracking of position
- Internal patch aerial
- Magnetical case bottom
- Internal USB to Serial bridge
- Waterproof and rugged casing
- LED for GPS Status

Specifications

- Chipset: SiRF Star III
- Frequency: L1, 1575.42 MHz
- C/A Code: 1.023 MHz
- Channels: 20 Kanäle max.
- Sensivity: -159 dBm
- Accuracy 10 Meter, 2D RMS
- Acceleration: 0.1 m/s
- Time: 1us to GPS time

Date

- Standard setting: WGS-84

Positioning times

- Re-Tracking: 0.1 sek., average
- Hot start: 1 sek., average
- Warm start: 38 sek., average
- Cold start: 42 sek., average

Dynamical environments

- Reception height: Max. 18,000 Meters (60,000 Feet)
- Reception speed: Max. 515 Meter /second (1000 Knoten)
- Acceleration: Max. 4g
- Shock: Max. 20m/Sek × 3

Power supply

- Power connection: 5V DC by USB port
- Power consumption: approx. 80mA

