999.00 EUR
incl. 19% VAT, plus shipping

- Sirf 4 chipset !
- BU353
- Waterproof !

The BU353 GPS receiver features the new chipset SIRF4, is waterproof and has a magnetic and rugged case bottom. The integrated highly sensitive GPS Aaerial gives you a maximum receiption 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 spezifications

- SiRF Star IV High Performance GPS Chipset
- High Sensitiv (Tracking sensivity: -163 dBm)
- Very short TTFF (Time To First Fix) even with low signal
- Support of NMEA 0183 protocol
- Interneral 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 IV
- Frequency: L1, 1575.42 MHz
- C/A Code: 1.023 MHz
- Channels: 48 Kanäle max.
- Sensivity: -163 dBm
- Accuracy 2m, 2D RMS SBAS
- 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: 8 sek., average
- Warm start: 35 sek., average
- Cold start: 35 sek., average

Dynamical environments

- Receiption height: Max. 18,000 Meters (60,000 Feet)
- Receiption 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. 60mA

Interface

- Protocol type: TTL
- Output voltage: 0V~2.85V
- Baudrate: 4,800 bps
- Output protocol: NMEA 0183 GGA, GSA, GSV, RMC, VTG, GLL v2.2 (VTG and GLL are optional)

Physical

- Dimensions: 59mm x 47mm x21mm
- Cable length: 1,5 Meters
- Operation temperature range: -40°C to +85°C