



### 29.95 EUR

incl. 19% VAT, plus shipping

- Sirf 3 chipset!
- Waterproof!
- BU-353!

The GPS receiver features the new chipset SIRF3, 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 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
- 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 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/sTime: 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**

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

• Receiption speed: Max. 515 Meter /second (1000 Knoten)

Acceleration: Max. 4gShock: Max. 20m/Sek x 3

## **Power supply**

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

# Interface

Protocol type: TTL

Output voltage: 0V~2.85V

Baudrate: 4,800 bps

Output protocol: NMEA 0183 GGA, GSA, GSV, RMC, GLL, opt. VTG

# **Physical**

Dimensions: 53mm x 19.2mmCable length: 1,5 Meters

• Operation temperature range: -40°C to +85°C