## Globalsat BU-353S4 USB GPS Receiver (Sirf 4 chipset)

[http://www.cartft.com/catalog/il/535]





### 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/sTime: 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. 4gShock: Max. 20m/Sek x 3

### **Power supply**

Power connection: 5V DC by USB portPower 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

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