

999.00 EUR

incl. 19% VAT, plus [shipping](#)

- Sirf 3 chipset !
- Waterproof !



The CTFGPS-2 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.

| Specifications         |  |
|------------------------|--|
| Receiver               | Tracking up to 20 satellites L1, 1575.42 MHz, C/A code   |
| Accuracy               | Position: 2DRMS approximately 5m, WAAS support<br>Velocity: 0.1 m/s without SA imposed<br>Time: $\pm 1\mu\text{s}$ |
| Acquisition Time       | Cold Start: 42s (Average)<br>Warm Start: 38s (Average)<br>Hot Start: 1s (Minimum)                                  |
| Sensitivity            | Acquisition: -148dBm<br>Tracking: -159 dBm   |
| Dynamics               | Max Altitude: 18000m<br>Max Velocity: 515m/s<br>Max Acceleration: $\pm 4g$   |
| Navigation Update Rate | Once per second  |
| Serial Port            | TTL, RS232   |
| Baud Rate              | 4800 bps (Optional 9600,19300,38400 bps)   |
| Output Message         | NMEA0183 V2.2 GGA, GSV, GSA, RMC (optional VTG, GLL)   |

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|-----------------------|----------------------------|
| Datum                 | WGS 84                     |
| Power Supply          | DC 3.3~5V                  |
| Power Consumption     | Typical 80mA @5V           |
| LED Indicator         | Power On/Off<br>Navigation |
| Operating Temperature | -40° ~ +85° C              |
| Storage Temperature   | -40° ~ +100° C             |
| Humidity              | 5%~95%                     |
| Antenna Type          | Built-in patch antenna     |