

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 Velocity: 0.1 m/s without SA imposed Time: $\pm 1\mu\text{s}$ |
| Acquisition Time | Cold Start: 42s (Average) Warm Start: 38s (Average) Hot Start: 1s (Minimum) |
| Sensitivity | Acquisition: -148dBm Tracking: -159 dBm |
| Dynamics | Max Altitude: 18000m Max Velocity: 515m/s 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) |

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