

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)

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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