



999.00 EUR incl. 19% VAT, plus shipping

- Venus 6 chipset !
- Waterproof !

Support: Firmware Update 13-03-2009

The new Venus-6 chipset is beating the so far performance winner Sirf-3 ! Comparison :

- Channels : Sirf3 20, Venus-6 51
- Accuracy : Sirf3 5m, Venus-6 2.5m
- Cold start acquisition time : Sirf3 48 sec, Venus-6 29 sec
- Acquisition-sensivity : Sirf3 -148db, Venus-6 -155db

The CTFGPS-3 GPS receiver features the new chipset VENUS-6, 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 by 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	I racking up to 51 satellites L1, 1575.42 MHz, C/A code
	Position: CEP approximately 2.5m
Accuracy	Velocity: 0.1 m/s without SA imposed
	Time: ±1µs
Acquisition Time	Cold Start: 29s (Average)
	Hot Start: 1s (Minimum)
Sensitivity	Acquisition: -155dBm
	Tracking: -158 dBm
Dynamics	Max Altitude: 18000m
	Max Velocity: 515m/s
	Max Acceleration: ±4g
Navigation Update Rate	Once per second
Serial Port	TTL, RS232
Baud Rate	4800 bps (Optional 9600,19300,38400 bps)
Output Message	NMEA0183 V3.01 GGA, GSV, GSA, RMC (optional VTG, GLL)
Datum	WGS 84
Power Supply	DC 3.3~5V
Power Consumption	Typical 40mA @5V
LED Indicator	Power On/Off
	Navigation
Operating Temperature	-40° ~ +85° C



Storage Lemperature	-40° ~ +100° C
Humidity	5%~95%
Antenna Type	Built-in patch antenna

Update 13.03.2009 :

For fixing the positioning-problem there now is a firmware update available (starting from 13.03.2009 all shipped receivers already have the update included) : <u>CTFGPS-3 Firmware Update 13-03-2009</u>