

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

- GPS USB Stick !
- 48 channels !
- ND-100S



**New (14.07.2010)** : Sirf-3 chipset instead of MStar.

The CTFGPS-4 GPS receiver features the new well known and reliable Sirf-3 chipset and can be used with any PC/MAC with an USB connector. The receiver has USB-stick shape and because of his shape he is perfectly useable with eg. UMPC or display USB-HUBs. The integrated highly sensitive GPS Aerial gives you a maximum reception quality.

The integrated USB-to-Serial bridge eases usage. For installation you only need a small USB driver.

#### **Specification**

GPS Characteristics  
GPS Chipset SiRF Star III  
Frequency L1, 1575.42 MHz  
Code C/A Code  
Channels 20  
Sensitivity Tracking:-159dBm  
GPS Antenna Type Built-in ceramic patch antenna (18 x 18 x 4mm)

#### **Acquisition Rate**

Hot start 1 sec., average  
Warm start 38 sec., average  
Cold start 42 sec., average  
Reacquisition <1 sec. average

#### **Protocol**

GPS Protocol NMEA 0183v3 GGA(1sec), GSA(1sec), GSV(5sec),RMC(1sec), GLL,VTG is optional  
Baud Rate 4800 bps  
USB Protocol USB 2.0

#### **Operating Systems**

Windows 98 / 2000 / XP / Vista / 7  
Macintosh Mac OS 8&9 / Mac OS10  
Linux RedHat 7.3 / 8.0 / 9.0

#### **Temperature**

Operating -4°~140°F (-20°~60°C)  
Storage -22°~ 158°F (-30°~70°C)  
Humidity Up to 95% non-condensing

**Power**

Voltage DC 5.0V, USB bus power

Current < 55 mA

**Physical Characteristics**

Dimension 2.6"L x 0.9"W x 0.4"H (65.5L x 23W x 11H mm)

Unit Weight 0.04 lbs (20g)

**Certifications**

FCC USA

CE Europe