

AmbiCom SiRF StarIII GPS CF Receiver

Model: **GPS-CF3**

Rev1.0



Features

- Super Sensitive SiRF StarIII Chipset
- 20 parallel satellites channels
- Navigation accuracy by using Standard Positioning Service (SPS)
- high sensitivity (-159dbm) antenna with magnetic base
- Backup power to sustain internal clock
- Low power consumption
- Works with Microsoft Streets & Trips, DeLorme Street Atlas USA, and others GPS software

Applications

- Vehicle / Marine / Aviation navigation
- Fleet management / Tracking system
- Sports and recreation

Specifications

Chipset:	SiRF StarIII, Super High Sensitivity (-159dbm) Chipset
Receiver:	20 Parallel Channels
Update Rate (Second):	Once Per 0.1s, Continuous
GPS accuracy (Approximately):	16 ~ 33ft (5 ~ 10m)
Hot Acquisition Time:	6s, Typical TTFF(95%)
Warm Acquisition Time:	38s, Typical TTFF(95%)
Cold Acquisition Time:	42s, Typical TTFF(95%)
Tracking Sensitivity:	-159dBW (Average)
Maximum Altitude:	59055ft (18000m)
Maximum Velocity:	1690ft/sec (515m/sec)
Acceleration:	±4G
Operating Temperature:	14°F ~ +158°F (-10°C ~ +70°C)
Storage Temperature:	-49°F ~ +185°F (-45°C to +85°C)
Operating Humidity:	5% ~ 95% RH, Non Condensing
Baud Rate:	4800
Weight:	1.2oz (34g)
Dimensions (D x W x H):	3.68 x 1.69 x 0.43in (93.5 x 43 x 11mm)
GPS Protocol:	NMEA 0183
Operating System:	Pocket PC 3.x/4.x, Windows Mobile 5.x/6.x, WinCE 3.x~6.x.
Certification:	FCC, CE
AmbiCom SKU:	GPS-CF3
UPC:	646543 199575
Warranty:	1 Year Limited
Package Contents:	GPS-CF3 Rev1.0, Quick Installation Guide
Options:	External Booster Antenna



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