

HI-302 Compact Flash

GPS Receiver

Features:

- CFA compliant
- Twelve parallel satellite tracking channels for fast acquisition and reacquisition
- Built-in active antenna
- Low power consumption
- Li-Ion backup battery for fast Time to First Fix(TTFF)
- Support for true NMEA0183 data protocol
- Enhanced algorithms provide superior navigation performance in urban canyon and foliage environments
- OEM/ODM product development is fully supported

Specifications

Snap Start	2 sec.
Hot Start	8 sec.
Warm Start	38 sec.
Cold Start	90 sec.
Satellite Reacquisition Time Accuracy	100 ms
Channels	12
Position Accuracy	25m CEP without SA
Voltage	DC 3.3 ± 10 %
Max. Current	190 mA(Max.)
Receiver	L1, C/A code
Interface Protocol	NMEA 0183 VER 2.2, GGA, GSA, RMC once per second. GSV once per 5 second.
Interface	Compact Flash Ver 1.4
Maximum Altitude	18,000 m
Maximum Velocity	514 m/s
Max. Update Rate	1 Hz
Antenna Type	Built in active antenna
External Antennal Interface	RP - MMCX
Dimension	43 * 93 * 29 mm
Weight without cable	< 60 g
Power Saving	Push to Fix, Trickle Power Enabled
Default 30% duty cycle	LED
Navigation Update Indication	
Operating Temperature	0 to +60
Storage Temperature	-10 to +70
Operating Humidity	95%, No Condensing

Specifications are preliminary and subjected to change without notice.

Applications

- Automotive and Marine Navigation
- Geographic Surveying
- Personal Positioning and Navigation
- Sporting and Recreation
- Digital Camera
- Timing Application

Optional Accessories:



PDA
Car Charger
(1A)

PDA
Car Charger
(2A)

GPS Antenna
RP- MMCX

CF - PCMCIA
Adapter

Halcom GPS map

