

GPRS/GSM/GPS Tracking Device Model: GC-101



GC-101 is using the GPRS service to upload the RMC sentences containing latitude, longitude, speed and time to an assigned web server. It is specially designed for the intensive tracking applications, such as fleet management and life security.

Features:

1. Smallest GPS/GSM tracker in the world
2. SIRFIII inside
3. Light and portable
4. User friendly
5. SOS button for emergency use
6. Programmable Auto Report
7. GeoFence Available
8. Support HTTP, TCP and UDP transmission
9. Many other more features are available. Please send us a mail for more information.

Applications:

Fleet Management / Asset tracking /Yacht watching/Covert Tracking/Vehicle Security

Specification:

| GPS Receiver | | |
|-------------------------------|--------------------------------------------------------------------------------|---------------------------------------|
| General | | |
| GPS frequency | L1,1575.42MHz | |
| C/A code | 1.023MHz chip rate | |
| Datum | WGS-84 | |
| Sensitivity | -159 db | |
| Channels | 20 channel all-in-view tracking | |
| GPS Receiver | Acquisition time | Reacquisition < 0.1sec. |
| | | Cold < 42sec. TTFF(Time To First Fix) |
| | | Warm < 38 sec. TTFF |
| | | Hot < 1sec. TTFF |
| | TTFF Accuracy | Position 10 meters RMS without SA |
| | | Velocity 0,1m/s without SA |
| GSM Transceiver | | |
| Frequency | Tri-band 850/1800/1900 MHz or 900/1800/1900 MHz Compliant to GSM Phase 2/2+ | |
| GPRS Transmission | GPRS multi-slot class 10 GPRS mobile station class B | |
| General | | |
| Antenna | Internal GSM antenna and active GPS patch antenna | |
| External Power Supply | 6V DC input with minimum charging current of 500mA | |
| Battery Power Supply | 3.7 V DC | |
| Rechargeable Li-ion Batteries | Standard: 1100mA Optional: 1800mA | |
| Battery Life | 50 hours after full charged when sending one report every 60 minutes | |
| Device Size | 64.66mm(L) x 43.19mm(W) x22.81mm (H) | |
| Environmental | Operation Temperature | -5°C ~ +55°C |
| | Storage Temperature | -5°C ~ +60°C |

* Specification subject to change without prior notice

Mechanical:

