

# GPRS/GSM/GPS Tracking Device

Model: GC-101



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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:

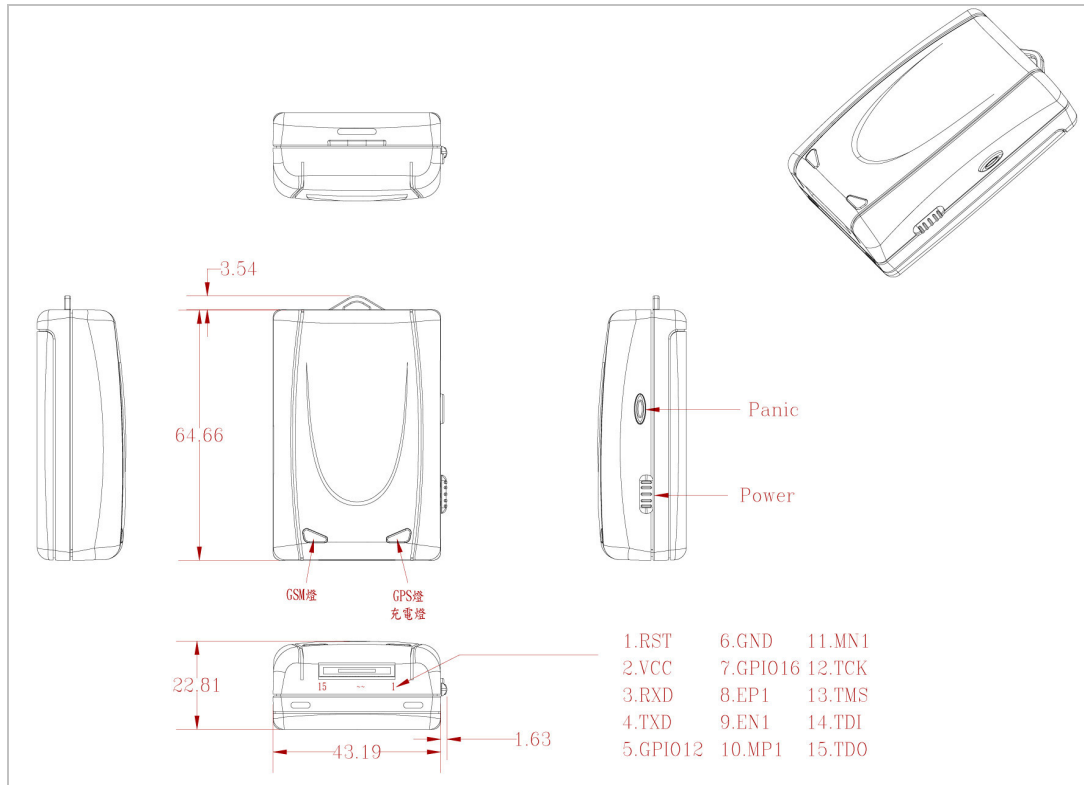
Fleet Management / Asset tracking /Yacht watching/Covert Tracking/Vehicle Security

## Specification:

SPECIFICATIONS		
<b>Electrics Data</b>		
Antenna	Internal GSM antenna and active GPS patch antenna	
Frequency	850/900/1800/1900 MHz Compliant to GSM Phase 2/2+ L1,1575.42MHz	
GPRS Transmission	GPRS multi-slot class 10 GPRS mobile station class B	
GPS Receiver	C/A code	1.023MHz chip rate
	Datum	WGS-84
	Sensitivity	-159 dBm
	Channels	20 channel all-in-view tracking
	Acquisition time	Reacquisition < 0.1sec. TYP.
		Cold < 42sec. TYP. TTFF(Time To First Fix)
		Warm < 38 sec. TYP. TTFF
TTFF Accuracy	Position 10 meters RMS without SA	
	Velocity 0,1m/s without SA	
<b>Power</b>		
Battery Power	3.7V DC Li-Ion Battery, 1100mA	
External Power	5V DC	
Rechargeable Li-ion Batteries	Standard: 1100mA	
	Optional: 1800mA	
Battery Life	80 hours after full charged, in stand -by mode, report interval 1 hour	
<b>Environmental Conditions</b>		
Operating Temperature	-0°C to +55°C	
Storage Temperature	-0°C to +55°C	
Relative Humidity	5% to 95 %, non-condensing	
<b>Mechanics Data</b>		
Size	44.82(L) x68.2(W) x22.81 (H) mm	
Weight	75g (1100mA battery included)	

(\*PS: The specification is subject to change without prior notice)

**Mechanical:**



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