

SatGuide TRACKER

GSM / GPRS / GPS

USER MANUAL



Preface

Thank you for purchasing SatGuide Tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

1 Summary

Working Based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any remote targets by SMS or GPRS.

2 Applications

- Vehicle / Fleet management etc
- Protect the child / the old / the disabled / pet etc
- Protect businessmen
- Personnel management

3 Hardware Description

3.1 Front Face



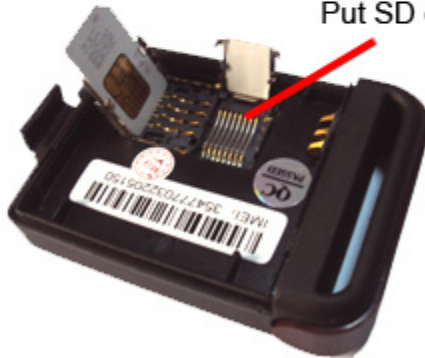
3.2 Rear Face



Put SIM card here



Put SD card here



4 Device Hard-Wired car charger connections with Car battery:

Attach Red cable to +12V and White (ground) to -12V Battery as shown below



5 Specs:

Content	Specs.
Dim.	64mm x 46mm x 17mm(1.8"*2.5"*0.65")
Weight	50g
Network	GSM/GPRS
Band	900/1800/1900Mhz or 900/1800/1900Mhz
GPS chip	SIRF3 chip
GSM/GPRS module	Simcom300/Simcom340
GPS sensitivity	-159dBm
GPS accuracy	5m
Time To First Fix	Cold status 45s Warm status 35s Hot status 1s
Car charger	12—24V input 5V output
Wall charger	110—220V input 5V output
Battery	Chargeable changeable 3.7V 800mAh Li-ion battery
Standby	48hours
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

6 Usage

6.1 SIM card installation

Make sure that there is **no call transfer** and **call display is on**, and **PIN code off**. The SMS message must in Text format, can't be identified for PDU format.

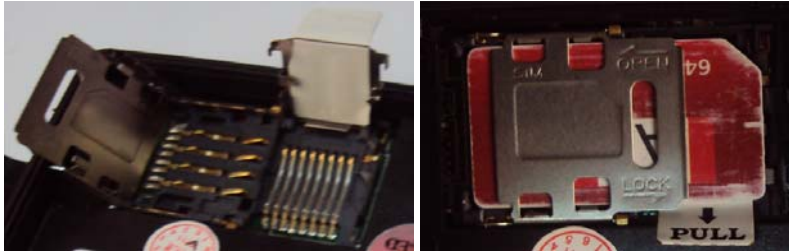
Note: Kindly activate SMS pack on your mobile no, the SIM which is using along with GPS Tracker.

Steps:

- 1 Open the rear cover, and pick out the battery.
- 2 Push the foil along and turn it left.



3 Put the SIM card into the holder, and turn the foil right and fasten it in place.



6.2 Battery and Charger

Do charge the battery to capacity in **8 -12 hours** for first use. Please use the battery and charger provided by the manufacturer. This unit adopts built-in Li-ion battery, and full battery will support around 48 hours use on end. After first use, the battery can be charged fully in 3-5hours.

Cautions:

- A:** For its Li-ion battery, which contains harmful chemicals and may burst, please don't bump, puncture it violently and keep it off fire.
- B:** Please charge the battery in time to keep it working normally.

6.3 Startup

- Put the SIM card and battery in place.
- The unit turns on automatically when the SIM card and battery is inserted.
- In 10 or 40 seconds, the unit will begin to work and acquire the GSM signals as well as the GPS signals. The indicator will keep **flashing every 4 seconds** when the unit has received the **GSM signals**; otherwise the indicator will keep on.
- When this unit receives signals normally you can use it.
- For the first use and to activate the GPS Tracker call **customer care no (099083 75771)** which is displayed on the top of the device kit.

7 Cautions

Please comply with the instructions to extend the unit life:

1. Keep the unit dry. Any liquid, i.e. rain, moisture, may destroy or damage the inside circuitry.
2. Don't use & store the unit in dusty places.
3. As it is light weight device, needs to be handling carefully.
4. Don't put the unit in overheated or overcooled places.
5. Handle carefully. Don't vibrate or shake it violently.
6. Clear the unit with a piece of dry cloth. Don't clean in chemicals, detergent.
7. Don't paint the unit, this may cause some foreign materials left in between the parts.
8. Don't disassemble or refit the unit.
9. Please use the battery and charger provided by manufacturer. Using other batteries and chargers will cause unwanted situation.
10. Don't dismount the antenna randomly, or use other antennas. This may interfere the transmission, and increase the radiation as well.

8 Faults & Solutions

Faults	Solutions
Startup Fail	Check the battery and see if it is fully charged or correctly installed.
Hangup Fail	In existence of an authorized number, an unauthorized number dials up the unit. Please initialize the unit and re-set up the authorized numbers.
Monitor Fail	Check if the authorized number is setup or in the coverage of signals.
Location report in digits of zeros.	Don't use it in the place beyond reach of signals. Place the unit outdoors, especially when starting it up.

Important Notes:

- 1) While installing the SIM card there is no call transfer and call display is ON, and PIN code off.
- 2) If we device GPS signal is low then location details will send based on Cell ID information.
- 3) Handle the device gently
- 4) Kindly avoid frequent removal of SIM card.
- 5) If GPS Tracker battery is low then it will send Low battery message along with location details for every 30mintues. Kindly make sure the battery is fully charged every time, so it will not deduct the SIM balance.



In Below scenarios Device will not send any reply message:

- 1) If there is any network problem.
- 2) If the SIM card doesn't have any balance.
- 3) If SIM card is not installed properly.