

# SinoTrack GPS TRACKER USER MANUAL



ST-908L - 3000mAh



ST-915L - 7800mAh



ST-925L - 20000mAh

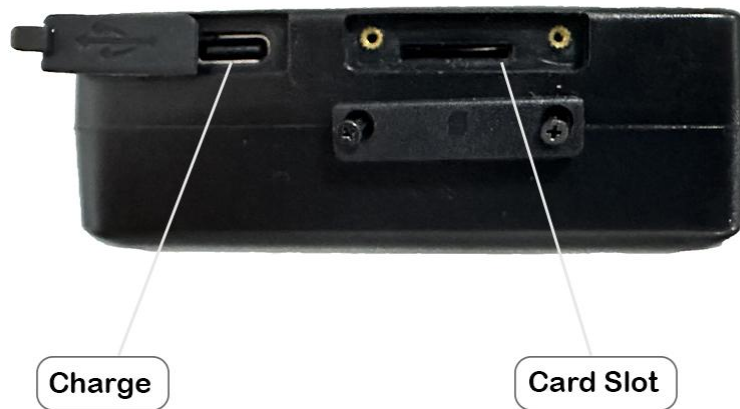
# **PREFACE**

## **1. SUMMARY**

Working based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any remote targets by SMS, APP and Internet. It adopts the most advanced technology of GPS and AGPS dual positioning.

Content	Specs.
Dim.	ST-908L: 78*39*29mm ST-915L: 112*78*27mm ST-925L: 121*65*49mm
Weight	120g, 300g, 470g
Network	LTE/4G
Band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66
GPS sensitivity	-159dBm
GPS accuracy	5m
Charging input	DC 5V==1.0A
Battery	ST-908L: 3.7V 3000mAh battery ST-915L: 3.7V 7800mAh battery ST-925L: 3.7V 20,000mAh battery
Stand by	20days, 70days, 180days
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

## 2. Hardware Description (ST-908L as example)



INDICATOR LIGHT STATUS	MEANING
Yellow light -Solid	GPRS connection
Yellow light -Flash	No GPRS signal
Blue light -Solid	GPS connection
Blue light -Flash	No GPS signal

**Note:** SIM CARD INSTALLATION GUIDE:



# GPS TRACKER SIM

by **speedtalk**  
GSM mobile



**ACTIVATE:** You can activate it with a new number, the plan cycle will start from the time you first activate the SIM.



**SpeedTalk Mobile** utilizes a global network for its coverage and it's compatible with 2G, 3G, 4G LTE devices.



**REFILL:** To avoid any service interruption, you can **REFILL** your SIM Card Account before your current plan expires.  
To Refill visit our website: [www.RefillSpeedTalk.com](http://www.RefillSpeedTalk.com)

Visit [www.ActivateSpeedTalk.com](http://www.ActivateSpeedTalk.com)  
or call our Customer Service line at 1-310-707-0000  
to start your new service. Have your SIM card ready

**IMPORTANT:** After SIM activation, it might take up to 24-72 hours for the GPRS and data settings to sync and update with your device (GPS tracking device, or alarm system, phone, smart watch...etc). Make sure you've turned ON the power in your device, and place it in a good reception area.

APN Setting Information:  
APN: **mobilenet**  
Username and password: Leave it blank

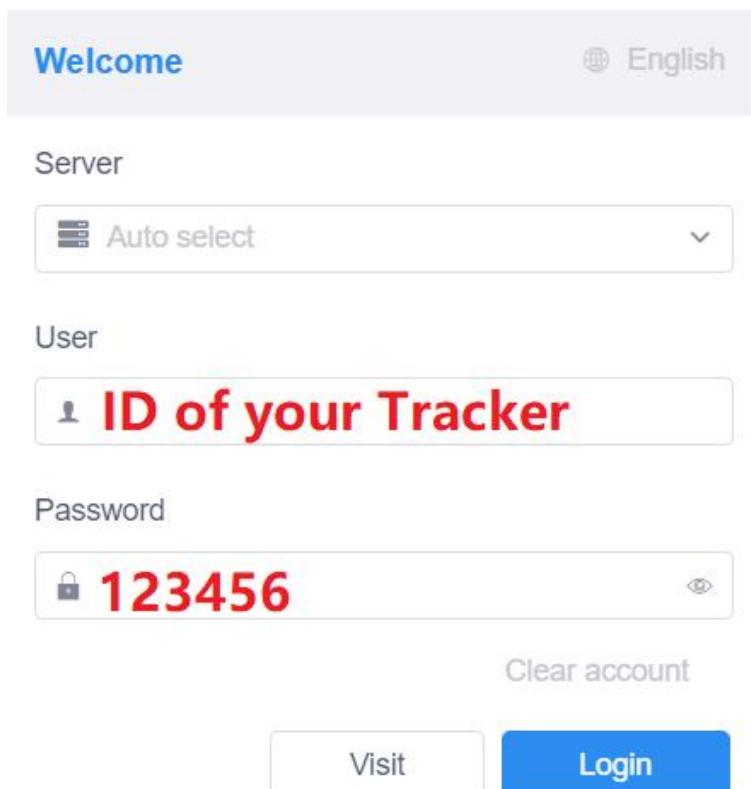
**Note:** Do not install your SIM card until Activation is done.

### 3. TURN ON THE DEVICE

- ST-908L need **press button once** after insert sim card to start.  
press button for a long time to turn off.
- ST-915L proper insert Sim card, the tracker will start.
- ST-925L need turn on the switch after insert sim card for start.
- Open the rubber cover; insert the SIM card (chip up) to the slot.
- The indicator light is on when SIM card is inserted.
- The device gets GPS location when there is GPS signal and gets LBS location when there is no GPS signal.
- The device automatically turns off when the SIM card is removed.

### 4.1 WEBSITE TRACKING

Please login from **www.sinotrack.com**



Welcome English

Server

Auto select

User

ID of your Tracker

Password

123456

Clear account

Visit Login

Server: SinoTrack

User name: ID on the tracker

Password: 123456

### 4.2 APPLICATIONS FOR

## ANDROID/IOS

You can search **SinoTrack PRO** on APP Store (iOS) or Google Play (Android)  
Or Download from the QR Code:



Server: SinoTrack  
User Name: ID number on tracker  
Password: 123456

If you have **more SinoTrack GPS trackers**, and want to manage them in one account, please contact us, we will create an account for you, so you can monitor **multiple devices** on the platform at the same time.

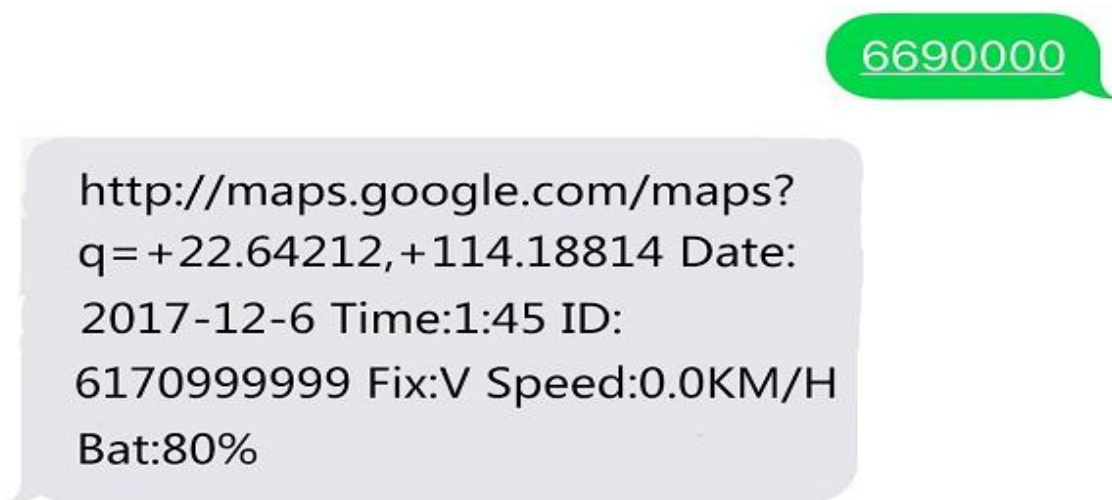
Welcome	
Server	Auto select
Account	<b>ID of your Tracker</b> Use Device ID/Service name
Password	<b>123456</b>
<a href="#">Visit</a>	<a href="#">Login</a>

## 5. SMS COMMANDS

**Note:** The yellow space  is a blank in SMS command.

**5.1.** Call the SIM card phone number in tracker, you will receive a Google Maps link of position, or sending message “6690000” to SIM card phone number in tracker.

E.g:



## 5.2. Admin number setting

Command: **phone number+password****1** (This phone number is your own mobile phone number , not the SIM card number in tracker .)

Reply: SET OK!

E.g: **13265790180000 1**

Voice Monitor:

Send command **66** to the GPS Tracker from control number,  
The tracker will call back to this control number.

When the unit is in over-speed alarm, shake sensor alarm, or low battery alarm, it will send alert to the admin number. (13265790180)

Admin number Canceling:

Command: **D101#**

Reply: SET OK!

### 5.3. Over-speed Alarm setting

Over-speed Alarm setting:

Command: 1220000|070 (Suppose speed is 70km/h)

Reply: SET OK!

E.g:



When the unit speed is over 70km/h, it will send message “speed alarm!” to the admin number every 5 minutes.

Over-speed Alarm canceling:

Command: 1220000|0

Reply: SET OK!

### 5.4. Shake Alarm setting

Command: 1810000T10

Message Reply: SET OK!



**Note:** Pls keep the tracker being stationary for 5 minutes, this function will work. The tracker will send SMS “Shock alarm!” to the admin number when the unit get shocked.

Shake alarm Canceling:

Command: 1800000

Reply: SET OK!

### 5.5. Take off Alarm setting (For ST-915L,ST-925L only)

Command: TAKEOFF0000 1

Message Reply: SET OK!

**Note:** There is anti-removal induction sensor on the back of device. If this covered induction sensor is not covered again. It will send “Take off Alarms!” to admin number and SOS number by SMS.



Take off Alarm Canceling:  
Command: TAKEOFF0000 0  
Reply: SET OK!

### 5.6. SOS alarm Setting (For ST-908L only)

Press button Four times, it will send alarms to admin number by SMS.

### 5.7. Device working mode setting

1. WORK-Keep working mode: (1 day per 1000mAh)

Command: WORK0000

Reply: SET OK!

(The tracker will keep working and send data by time interval)

2. MOVE-Work when the tracker is moving: (3 days per 1000mAh)

Command: MOVE0000

Reply: SET OK!

(Factory setting is “MOVE” mode)

(Tracker only works when it is moving, when it is stopped, it will sleep, GPS shut off, GSM works in low consumption mode. Vibration, SMS command, calling tracker can wake up the tracker to work 5 minutes.)

3. STANDBY-SMS or Call to tracker, it will work 5 minutes.

(12 days per 1000mAh)

Command: STANDBY0000

Reply: SET OK!

(Standby mode, GPS shut off, GSM works in low consumption. SMS, calling can wake up the tracker to work 5 minutes.)

## 5.8. Terminal (local) Time Setting (factory setting GMT 0)

Command: 8960000E00

Reply: SET OK!

8960000E00

SET OK

E.g:

8960000E01

8960000W01

8960000E00

## 5.9. Reset Hardware

Command: RESET

Reply: SET OK!

## 6. Read the Configure data

Command: RCONF

Reply: the ID, work mode, IP and Port, APN of tracker.

RCONF

ST-908L-P/  
4G,ID:7028870230,PW:0000,U1:,U2:,U3:  
,MODE:GPRS-MOVE,GEO  
FENCE:OFF,OVER  
SPEED:ON,VOICE:OFF,SHAKE  
ALARM:OFF,SLEEP:ON,APN:mobilenet,,

,IP:45.112.204.218:8090,GPRS UPLOAD  
TIME:30s,TIME ZONE:0.0

## 6.1 EXPLANATION OF PARAMETERS/CODES IN SMS MESSAGE

RCNF

ST-908L-P/  
4G,ID:7028870230,PW:0000,U1:,U2:,U3:  
,MODE:GPRS-MOVE,GEO  
FENCE:OFF,OVER  
SPEED:ON,VOICE:OFF,SHAKE  
ALARM:OFF,SLEEP:ON,APN:mobilnet,,

,IP:45.112.204.218:8090,GPRS UPLOAD  
TIME:30s,TIME\_ZONE:0.0

### It's the setting of tracker

- ◆ **ST-908L** the model of tracker.
- ◆ **ID:702887023** the ID of GPS Tracker
- ◆ **PW:0000** the password of SMS
- ◆ **U1:,U2:,U3:** The control number
- ◆ **MODE: GPRS-MOVE:** GPS work mode.
- ◆ **DAILY:OFF,GEO FENCE:OFF,OVER SPEED:OFF, VOICE:ON, SHAKE ALARM:OFF,SLEEP:ON** status of tracker
- ◆ **APN:mobilnet** APN of the SIM Card
- ◆ **IP:45.112.204.218:8090** the IP and Port of tracker
- ◆ **GPRS UPLOAD TIME:30** the GPS time interval
- ◆ **TIME\_ZONE:0.0** time zone of tracker

## 7. Notices:

- 1.GPS tracking can be worked outdoor.
- 2.Please make sure GSM SIM card supports making calls, sending messages, GPRS network.
- 3.Please make sure GSM SIM card is with sufficient balance.
- 4.Please make sure the GSM card has opened the call shows and turned off the call transfer.
- 5.Please insert the GSM phone card correctly.
- 6.Do not assembly and disassembly device at will.

## 8. FAQ and processing methods.

FAQ	Instructions/Solutions
Fail to turn it on	Please check if battery is charged
No GSM signal	<ul style="list-style-type: none"> <li>● Please check if SIM card installed correctly.</li> <li>● Please check if SIM card is GSM network.</li> <li>● Don't turn on the PIN code</li> <li>● no calls can be diverted</li> <li>● Please check if voltage of the power is normal</li> <li>● Please check if voltage of the power is normal</li> </ul>
No GPS	A more open view of the sky is recommended to make sure the device can receive the GPS signal normally.
No reply to SMS	Password wrong or the format is wrong.
No reply to calling & No alarm message	Authorized / admin phone number is incorrect or has not setup
SMS position OK, cannot use the APP and web platform	Please check if APN is correctly set. And please find out the correct APN content of the SIM card. (Please refer to 6 setting.)
Platform position is difference from the actual position.	No upload position time or GPS signal: call the device phone number and receive the position message. If it no GPS signal. The position is the last GPS positioning location; If it has GPS signal, it means the device doesn't reach the uploading time.