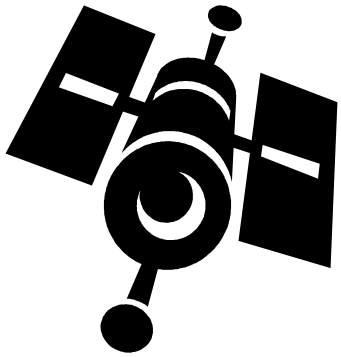
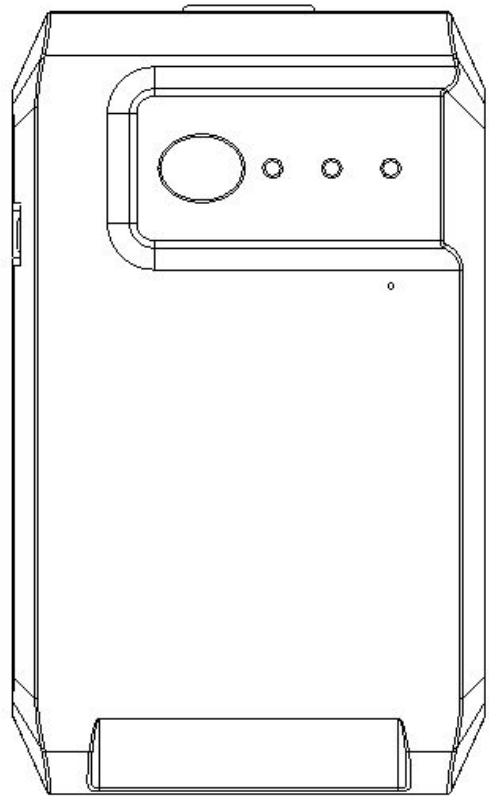
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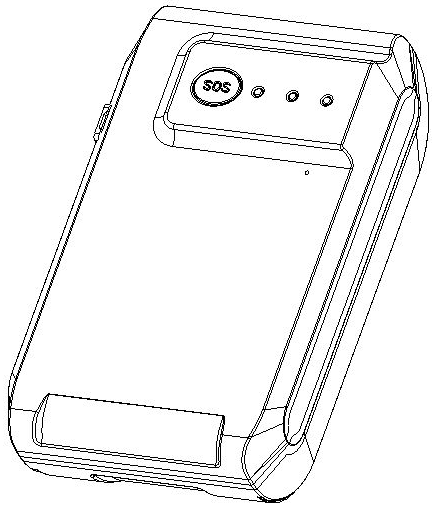
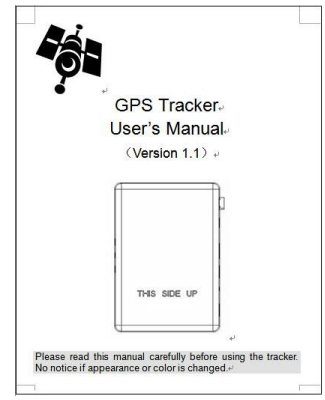
GPS Tracker Model-S6
User Manual

（Version 1.0）



Please read this manual carefully before using the tracker.
No notice if appearance or color is changed.

I. Components

	
Tracker	Charger
	
Battery	User Manual

II. Specifications

1. GPS Features

Chipsets: u-blox (AGPS is available)
Sensitivity: < -161dBm
TTFF: Cold Start 45s, Hot Start 2s

Fix Accuracy: 10m
Speed Accuracy: 0.3m/s

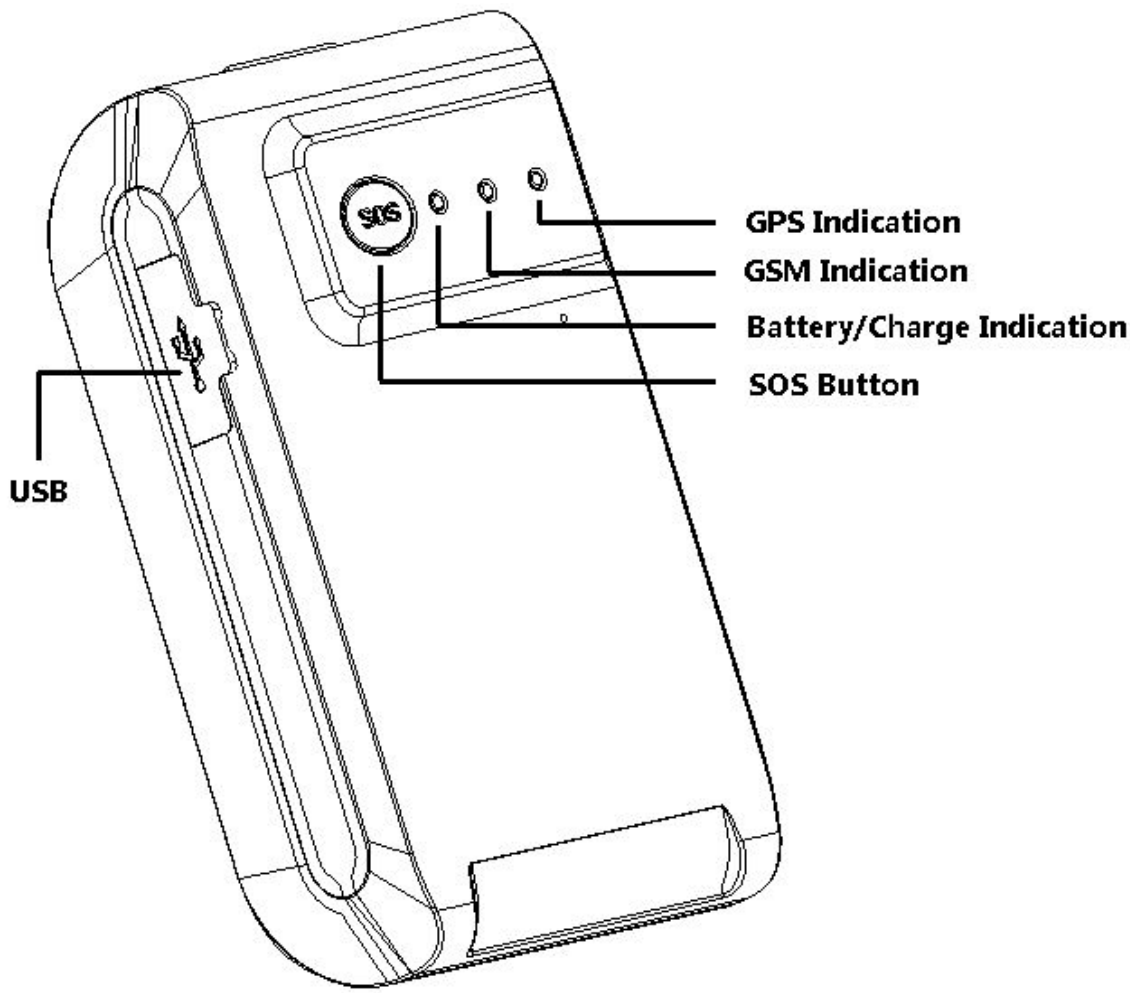
2. GSM Features

Band: GSM 850/900/1800/1900M
Maximum Transmission Power: 1W

3. GSM Features

Dimensions: 100mm*60mm*30mm
Battery Capacity: 4800mAH
Operating Temperature: -20 ℃ ~ +70 ℃
Humidity: 20% ~ 95%

III. Outlook and Interfaces



SOS:

When power on, press and hold the key for approximately 3 seconds, the tracker will send a “SOS Alarm” to the owner.

III. LED Indication

【Description】

Slow Blink: on for 1 second and off for 1 second

Quick Blink: on for 0.3 second and off for 0.3 second

1. Battery/Charging Indication

a. When the charger is connected

LED	Indication
Solid Blue	Charging is completed
Slow Blink	Charging

b. When *no* charger is connected

LED	Indication
Solid Blue	Battery is OK
Slow Blink	Low Battery
Turn Off	Battery is dead

2. GSM Signal Indication

LED	Indication
Solid Blue	Full(4/4) Signal
Slow Blink	3/4 Signal
Quick Blink	1/4 ~ 2/4 Signal
Turn Off	No Signal

3. GPS Signal Indication

LED	Indication
Solid Blue	Fix successfully
Slow Blink	Find some satellites but

	can’t fix
Quick Blink	GPS module is working but can’t find satellite
Turn Off	GPS module is shutdown or fail to work

【Notice】

1) When the tracker is powered on for the first time, the LEDs will flash.
2) The LEDs will turn off if there isn’t any button pressing for 5 minutes.
3) When the LEDs are turned off, press the SOS button will make the LEDs flash again.

IV. Installing

1. Installing SIM card and battery

1) Turn off the tracker and remove the battery and other external power supply.
2) Open the SIM card holder cover plate and insert the SIM card and then fasten the cover plate.
3) When you need to take out the SIM card, please shut off the machine and remove the battery first before taking the SIM card out.

【Notice】

1) Please use the GSM network SIM card.
2) GPRS and SMS functions must be available.

【Warning】

Do remove the battery first before taking out the SIM

card. It is absolutely forbidden to insert or take out the SIM card when the power supply of the tracker is not shut off. Otherwise, your SIM card and tracker will be damaged.

2. Start the Tracker

The tracker is of a boot-free design. After the battery is installed, the tracker will start automatically.

3. Charge the Tracker

When the “battery/charging indicator light” of your tracker flashes quickly, it shows low battery capacity and you should charge the tracker in time. If you are using the tracker for the first time, please charge the battery before using the tracker.

Follow the below charging operation steps:

1) Connect the charger to power supply;
2) Open the charging interface rubber plug of the tracker and insert the charger plug in the jack of the tracker.
3) The charging process will last for about 10 hours. It is normal that the battery, tracker and charger become hot during the charging process. Please disconnect the tracker from the charger after the charging process finishes.
4) The tracker can be used normally during the charging process.

【Warning】

The charger must be arranged in a place where has

good ventilation and a temperature range of 0℃-40℃.
Must use the charger supplied by the manufacturer. Using unauthorized chargers will cause danger.

4. Installation

This tracker is a portable onboard locating device and needn't be wired for installation. Four powerful magnets are built in the back cover of the tracker to allow the tracker to be securely absorbed on the surface of any iron metals in a vehicle.

Recommended Position to Arrange the Tracker:
1) Arrange the tracker under the front (rear) windshield and no shading film and other shielding objects which screen GPS signals be pasted on the windshield. Keep the front of the tracker upward.
2) Place the tracker on the vehicle bottom (magnetic absorption method) such as the flank under the vehicle door. Never put the tracker near the inside too much. Otherwise, the tracker cannot receive GPS signals.

【Note】
1) The device should be arranged in a place where has good GPS signals.
2) The device should be arranged a place where isn't subject to corrosion.
3) Do not arrange the device directly in a place with overhigh temperature, for example, near a heat radiating tube or exhaust port.
4) When the tracker needs to be absorbed on the

underframe of vehicle, please do not arrange the tracker there until it finishes GPS locating.
5) When placing the device under the windshield, avoid direct sunlight irradiation. In summer, the high heat from direct sunlight irradiation will cause the casing to deform.
6) Do not remove the external blue package of the battery.

V. Operation

1. Short Message Operation

1) Vehicle Owner Binding
Use a mobile phone to send a short message to the tracker phone number. Text the short message as follows: **START**, initial password, new password, tracker phone number.
Thereinto the ***initial password is 123456***. New passwords can be set by users themselves freely but a new password must be formed by a six-digit number.
For example,
START, 123456, 123456, 138XXXXXXXX.

2) Change the Password
Use the mobile phone of the vehicle owner to send a short message to the tracker phone number and text the short message as follows: **CP**, old password, new password.

3) Locating
Use the mobile phone of the vehicle owner to send a short message "**POS**" to the tracker phone number

and the tracker will reply a short message, in which the current location of the vehicle will be described, for example, near XX Building, XX Road, XX City, XX Province.

4) Arm
Use the mobile phone of the vehicle owner to send a short message "**LOCK**" to the tracker phone number. After the setting is finished successfully, the vehicle owner will be warned by a short message if the vehicle is moved illegally.

5) Disarm
Use the mobile phone of the vehicle owner to send a short message "**UNLOCK**" to the tracker phone number. After the setting is finished successfully, the tracker restores to normal state.

6) Set the Radius of Electronic Fence
Use the mobile phone of the vehicle owner to send a short message "**SET**, password, RADIUS=500" to the tracker phone number. Thereinto 500 means 500 meters. Users may set the radius as they need. It is recommended that 300 meters should be the minimum value. A radius smaller than 300 meters will lead to numerous false alarms.

7) Set the Parameters
By sending order "**SET**", vehicle owners can modify the relevant configuration information of vehicles.
Order format: **SET**, password, parameter

name=parameter value
Parameter names can be classified into below types:
(the underlined ones stand for a default value)
Default password is 123456

① Activate vibrated short message alarm:
SET, password, VIB=1

② **Deactivate vibrated short message alarm:**
SET,password,VIB=0

③ Activate vibrated call alarm:
SET,password,VIBCALL=1

④ **Deactivate vibrated call alarm:**
SET,password,VIBCALL=0

【Note】You need to pay SMS fees for SMS alarming. No fees are generated if the call alarming is not connected.

⑤ **Activate auto-sleep: SET,password,SLEEP=1**

⑥ Deactivate auto-sleep: SET,password,SLEEP=0

⑦ set English language: SET,password,lang=0

【Notes to automatic sleep】 The tracker will automatically enter sleep power saving state after it stays still for over 10 minutes. After entering sleep state, the tracker can be awakened through three methods: ① vibrated immediate awakening; ② vehicle owner dials the tracker phone number to awaken the tracker; ③ vehicle owner texts and sends short message "POS" to awaken the tracker.

2. Information Reported by the Tracker

1) Battery low voltage alarm

As literally means, when the built-in battery's voltage is lower than a certain value, the tracker will report this to the bound phone by SMS.

2) Illegal vehicle moved (electronic fence) alarm

It means the vehicle was moved more than a certain distance (e.g. 300m), and maybe was theft. This alarm only is reported when the vehicle was successfully armed.

3) Vehicle Vibrated Alarm

It means the vehicle was vibrated when it was successfully armed. Also, the vibration will lead a SMS reporting.

4) SOS Alarm

After the SOS key of the tracker is pressed and held for over three seconds, the tracker will enable the GPS function automatically and send an alarming short message to the vehicle owner shortly after that, for example, emergency calling: near XX Building,XX Road,XX City,XX Province.

After that the tracker will dial the mobile phone of the vehicle owner automatically.

3. Web Vehicle Tracking

1) How to Log in

Visit website **www.itrack.net.cn** to enter the login interface and type your account name and password:

Account name: tracker serial number (indicated on the main frame of the tracker)
Password: the password set by the user when the tracker is enabled.

2) Location Query and Other Operations
Following your successful login, click the relevant buttons and you can perform location query, trace replay, parameter setting and other operations.

VI. Notes

1. The tracker must be installed closely with the vehicle body, so as to ensure that the effect of vibration detection alarm.
2. Please note using the tracker away from water which can damage it. The tracker should be installed in a waterproof and good heat dissipation place. Do not plug any cable while the tracker is power on.
3. Turn off the tracker while replacing SIM card.
4. After repeated use, the built-in battery may leaks or bulge, its life is limited (about 1 year). So, regular check is preferred. In case of natural depreciation, please contact local dealer or manufacturer.
5. Be sure of the SIM card's GPRS service is available.

VII. Troubleshooting

Issues	Resolving
Instructions don't work	**a)** SIM card balance running low Resolving: Please recharge your account **b)** SMS Delay Resolving: Because of GSM

	network busy occasionally, SMS may be blocked, please wait or try it later. **c)** SIM card is not installed Correctly Resolving: If SIM card indication LED is flashing, please turn off the tracker and reinstall the SIM card. Please don't do this while the tracker is power on, otherwise, it may damage the tracker. **d)** The tracker can not power on Resolving: Check the power supply
Forgot password	Please call our telephone service, the service stuff will help you.
Change bound phone number	Use of another mobile phone sends SMS to the tracker: *START, Current password, New password*
Change tracker SIM card	First install the new SIM card and power on the tracker, then use the bound mobile phone to send SMS to the tracker with following format: *START, Current password, New password, New phone number of tracker*