



PO8 Magnet Tracker


User manual




01/Product Features

 Large Battery Capacity

 Strong Magnetic

 Vibration Alarm

 Real-time Tracking



Geo-fence



Trace Playback



Geo-defense



4G Network

02/Specification

Product Parameters

Device Dimension: 80mm (L)*55mm (W)*30mm (H)

Weight: 220g

Positioning Type: GPS/BDS/LBS

Positioning Accuracy: <30m

Built-in Battery: 10000mAh

Working Temperature: -20°C to +60°C

03/Product Accessories

Standard: GPS tracker, Power cable, Operation Guideline

04/Indicator Status

4.1 Yellow LED (GSM signal light)

Light status	Description
Quick Flash	Cannot identify SIM Card
Slow Flash	GSM Initialization
Always light on	GSM signal is well received

4.2 Red LED (Charge indicator)

Light status	Description
Always light on	Charging
Light Off	Fully charged

Note: The red LED light only works at charging

4.3 Blue LED (GPS signal light)

Light status	Description
Quick Flash (2 times per second)	Bad GPS chip
Slow Flash (a times per second)	searching GPS signal
Always light on	GPS signal is well received

05/Use Instructions

5.1 Power on: insert the SIM card in the correct direction, and press the ON/OFF button for 1 second to power on. Power off: press the ON/OFF button for 5 seconds until the indicator light is off.

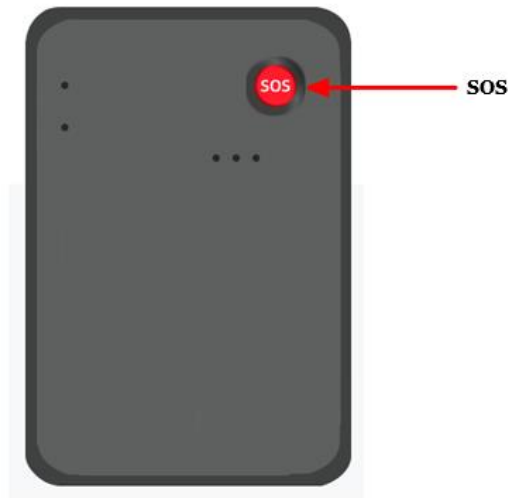


Please be noted that due to different product models, the position and direction inserting card are different. Please insert the SIM card according to the corresponding indication direction of the product, and the actual product shall prevail!

- Please make sure the SIM card has prepaid value before using on the product.
- When the SIM card is inserted, there is a feeling of spring rebound. Press the card to the bottom until it can be stuck. (If there is no spring-back feeling, please check whether the card is inserted in a reverse direction)
- The size of SIM card is 11*8mm (NANO card). Please refer to the picture below for the size and type of the SIM card:



SOS: press the SOS button for 3 seconds will trigger the SOS distress call



06/Working Mode Setting

1 Intelligent Mode (Default)

When the vehicle is driving, the product locates the vehicle position according to the set interval. When the vehicle parking for 3 minutes, the product is in the sleep standby status, and by default, no heartbeat packet will be uploaded, meanwhile, the platform will display an offline status (heartbeat packet can be set by sending a SMS command)

Setting upload interval time

Command format: MODE1, 60,180# reply: MODEI OK

Please be noted that the 60 in the command means to upload once per 60 seconds. This time can be modified according to your actual need (the shorter upload interval time means the faster power consumption). It is recommended to set upload once per 60 seconds, and 180 means 180 seconds heartbeat packet.

2. Power Saving Mode: fixed time upload

The product wakes up cyclically according to the fixed time interval, and it will in a deep sleep status after uploading positioning data for 3 minutes after waking up. The product will not execute any remote query command during a sleep status, in this status, users can modify mode by sending SMS.

Command format: MODE2, 30# Reply: MODE2 OK

Note: 30 in the command means to turn on the product every 30 minutes, and the interval time should be more than 30 minutes

07/SMS Command Operation

Binding master number (i.e. user's phone number)

Command format: SZCS#USER=13500000000

Product status query

Command format: CXZT Reply: product current status

Restart the device

Command format: CQ

Reply: CQ ok

Restore factory settings

Command format: FORMAT

Reply: restore factory settings is successful,

Please re-bind the owner's number

6 Set the server IP and port

SMS command:

```
SZCS#SERVIP=122.9.115.220#SERVPORT=7711
```

Set up APN command format: If there is no APN account and password, APN command format:
SZCS#APN=cmnet

If there is an APN account without password APN command format:
SZCS#APN=cmnet#USERPPP=666

If there is an APN account and password, APN command format:
SZCS#APN=cmnet#USERPPP=666#PWPPP=123

Please be noted that the above 666 is the account number and 123 is password, users need to replace those number with the number corresponding to the APN of the inserted SIM card.

08/Charge and Installation

Please use the accessories provided by the product manufacturer. Using any other accessories will invalidate the warranty service. If the product is damaged due to using non-original accessories, the product manufacturer will not assume any warranty responsibility.

8.1 Charge

The red light is always on when the product is charging, and the red light is off when the product is fully charged.

Charge Precautions:

- The battery of the product contains chemical composition, please do not slam it, stab it with sharp tool or throw it into the fire.
- Please charge the product in time to ensure its proper functioning

09/Troubleshooting

When using the product, if you have any problem, please refer to the following problems and solutions; if these solutions cannot solve your problem, please contact your dealer.

Common Issues	Problems	Solution
Poor signal reception	When using the product in areas with poor reception, such as near high-rise buildings or underground parking lots. satellite radio waves cannot be effectively transmitted	Use the product in a place where have strong signal
	The product is installed with face down or is shielded by a metal layer above, so it cannot receive satellite radio waves	Please put it in the correct direction or change the installation place
Unable to turn on	Low charge of the battery	Connect the external power to charge the battery
Unable to connect to the network	The SIM card is not installed properly	Connect the external power to charge the battery
	The SIM card is in arrears	Top up the SIM card
	The metal surface of the SIM card is dirty	Please wipe it with a clean cloth
	The SIM card is damaged or invalid	Please use a valid SIM card
	Out of GSM signal service area	Please go to the network service provider service area
	Poor signal	Please go to a place where have strong signal and try again
Unable to charge	Poor connect of USB/data cable/charger plug	Check if the power cable is properly connected or replace the charger plug
Position information query failed	The SIM card has not activated the GPRS service	Please contact the network service provider to activate GPRS
	The SIM card is in arrears	Top up the SIM card

10/Installation

2.1 Check Device

Check device shell and its accessories before installation

2.2 install the device

- **Waterproof:** Please choose somewhere is waterproof. Be careful to let device stay away from the air conditioning outlet to prevent condensate water from accumulating, which can avoid damaging the service life of the product.
- **Shake proof:** Do not install the device in the position with large vibration amplitude.
- **Camper-proof:** GPS Device should be away from electronic equipment to prevent signal interference.

