

1. Overview

1.1 Main Functions

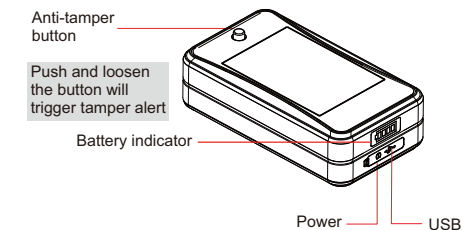
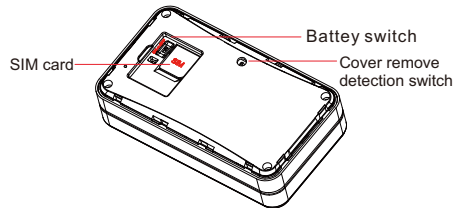
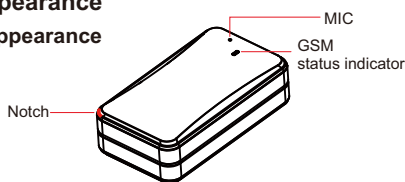
- GPS + LBS
- Intelligent power saving
- IPX5 waterproof grade
- Tamper alert
- Strong magnet installation
- Fast charging
- 10000mAh battery
- Listen-in

1.2 Specifications

Frequency	GSM 850/900/1800/1900MHz
Location accuracy	<10 meters
Monitoring range	≤5 meters
Working voltage/ current	3.7V/ 60mA
Battery	10000mAh/3.7V industrial grade lithium polymer battery
Working hour	30 days (drive for 2 hours a day)
LED	Red: work status
Operating temperature	-20℃— +70℃
Dimension	108(L) x 61(W) x 30(H) mm
Weight	285g

2. Appearance

2.1 Appearance



2.2 Standard Accessories

Device	1
Bracket	1
User guide	1
Charger	1
Charge cable	1

2.3 GSM Indicator

Status	Meaning
Flicker quickly (every 0.3 seconds)	GSM initialization/ No GSM signal/ No SIM card
Flicker slowly (0.1s on; 2s off)	Login platform
Always ON	Calling

GSM indicator is off after the device power on for 3 minutes. If device power on, shortly press the power button to activate LED, which will be off in 60 seconds.

2.4 Battery Indicator

Charging:

Battery	LED 1	LED 2	LED 3	LED 4
0-25%	ON:1s; OFF:1s	OFF	OFF	OFF
25-50%	ON	ON:1s; OFF:1s	OFF	OFF
50-75%	ON	ON	ON:1s; OFF:1s	OFF
75-96%	ON	ON	ON	ON:1s; OFF:1s
charging completed	ON	ON	ON	ON

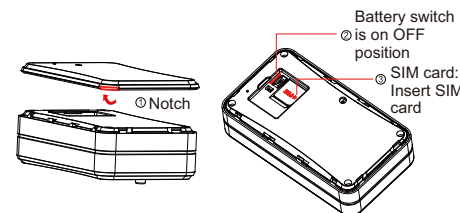
Not charging:

Battery voltage shortage	LED 1	LED 2	LED 3	LED 4
0-25%	OFF	OFF	OFF	OFF
25-50%	ON	ON	OFF	OFF
50-75%	ON	ON	ON	OFF
75-100%	ON	ON	ON	ON

GSM indicator is off after the device power on for 3 minutes. If device power on, shortly press the power button to activate LED, which will be off in 20 seconds.

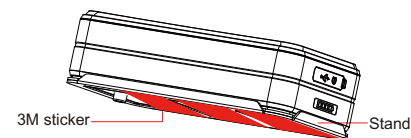
3. SIM card

SIM card should have access to GPRS and SMS. Remove the cover, switch to OFF and insert the SIM card.



4. Installation

With strong magnet, the device has easy installation and can absorb on any magnetic item. Attached 3M foam tape and bracket help fix the device on non-magnetic items.



5. Operation

5.1 Power ON/OFF

Power on: Press power button for 3 seconds (battery switch is in ON position)
Power off: Press power button for 3 seconds

5.2 SOS Number

Set SOS number via APP, GPS tracking platform or SMS (SMS only valid in tracking mode)

1.SMS command to add SOS number:

SOS,A,number 1, number 2, number 3#

E.g. SOS,A,1351234xxxx, 1371234xxxx,1301234xxxx#

2.SMS command to delete SOS number:

SOS,D,number sequence 1, number sequence 2, number sequence 3#

E.g. SOS,D,1,2,3#

3.Query current SOS number:SOS#

5.3 Working Mode

(1)Tracking mode (default): GSM is always ON and location data uploaded in set time interval. Time interval can be set on APP or designated platform.

SMS command format:

MODE,1,T1,T2#

1 means tracking mode

T1: upload interval of GPS data in moving status, unit: second, 10-3600s; default: 10s

T2:upload interval of GPS data in static status unit: second, 180-86400s; default: 3600s

(2) Ultra-long standby mode: device wakes up and uploads location data in a fixed time.

Notice: In this mode, all command will NOT be executed until the device wakes up at preset time interval. If you want to compel the device to wake up and receive command, you can a. By trigger the tamper alert button at the back; b. By unplug the battery and plug it in again.

SMS command format:

MODE,2,T1,T2#

"2" means ultra-standby mode.

"T1" means the start time of sleeping period. Format: HH:MM.

"T2" means the sleep time interval, range 1-72(hours).

Default: 24 hours.

Note: SMS command takes effect after device wakes up.

E.g.MODE,2,12:00,8# (Meaning: Device starts to fall asleep at 12:00, and wakes up every 8 hours)

5.4 Tamper Alert

The anti-tamper button will pop out and alert will be sent if the device is disassembled.

In standby mode, alert message will be uploaded and tracking mode will be activated for 20 minutes if device dis-assembly is detected. After 20 minutes, device enters into ultra-long standby mode. Dis-assembly alert can be turned off by command: [cancel#](#)

5.5 Cover Remove Alert

Cover detection button pops out and alert will be sent when device cover is dismantled.

In standby mode, alert message will be uploaded and tracking mode will be activated for 20 minutes if cover dismantlement is detected. After 20 minutes, device enters into ultra-long standby mode. Dis-assembly alert can be turned off by command: [cancel#](#)

5.6 Low Battery Alert

When battery is low, the device will activate low battery alarm.

6. Platform & APP

6.1 Login service platform

Please login the designated service platform to set and operate the device.

6.2 Download APP

Please download and install the APP in designated website, APP store or Google Play store.

7. Warning

Battery specified by manufacturer is recommended. Maintenance or service arising from any other accessories is not guaranteed. Manufacturer assumes no responsibility for any damage caused by non-original accessories.

Do not bend or open the battery.

Do not immerse or burn the battery.

Device dis-assembly is strongly forbidden.

Nonprofessionals' operation may cause device damage.

Troubleshooting

If you are having trouble with your device, try these troubleshooting procedures before contacting a service professional.

Problems	Causes	Solutions
Poor signal	The signal waves are unable to transmit when use the GPS tracker in the places that have poor signal reception, such as: tall building around or basement.	Using the GPS tracker in the places that have good signal condition.

Unable to boot	Power switch is off	Switch to ON
	No battery	charge
	No SIM card	Insert SIM card
Unable to connect to the network	SIM card inserted incorrectly	Check SIM card
	Dirty things exist above the SIM card	Clean SIM card
	Invalid SIM card	Contact network supplier
	Not in GSM service area	Move to service area
Fail to locate	Poor signal	Move to area with strong signal
	SIM has no access to GPRS	Contact network supplier to get GPRS service
	Always reply "Address inquiry failed"	Contact supplier

Warranty instructions and service

1. The warranty is valid only when the warranty card is properly completed, and upon presentation of the proof of purchase consisting of original invoice indicating the date of purchase, model and serial No. of the product. We reserve the right to refuse warranty if this information has been removed or changed after the original purchase of the product from the dealer.
2. Our obligations are limited to repair of the defect or replacement the defective part or at its discretion replacement of the product itself.
3. Warranty repairs must be carried out by our Authorized Service Centre. Warranty cover will be void, even if a repair has been attempted by any unauthorized service centre.

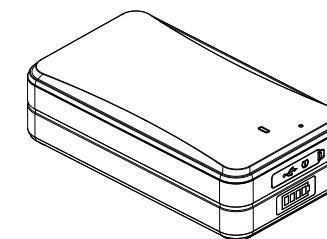
4. Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty period.
5. The warranty is not applicable to cases other than defects in material, design and workmanship.

Maintenance Record

Date	Serviced by
Product Model	
IMEI Number	
Fault Descriptions	
Comments	

Asset GPS Tracker

User Guide (Version 1.1.1)



To ensure quickly and correctly use, please read this manual carefully before using. Any changes to the product appearance, color or accessories are without notice.

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

SAR Information Statement

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless tracker employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when

worn on the body, as described in this user guide, is 0.781W/Kg(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: 2APULAT4 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.
* In the United States and Canada, the SAR limit for tracker used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.