

## 1. Overview

### 1.1 Main Functions

- GPS + LBS + WIFI tracking
- Intelligent power saving
- Standby up to 3 years (one position per day)
- IPX5 water proof
- Temper alert
- Strong magnet (optional)
- Light & Compact design

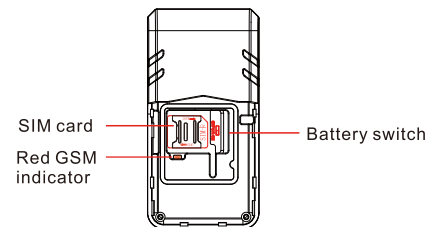
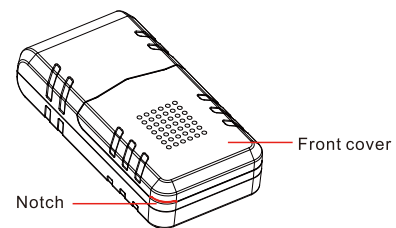
### 1.2 Specifications

Frequency	GSM 900/1800MHz
Location Accuracy	<10 meters
Battery	2800mAh/3.0V lithium manganese battery
Standby	Up to 3 years (one position per day)
Working voltage/current	3VDC/50mA
LED	Red: working status
Operating Temperature	-20°C — +70°C
Water proof grade	IPX5
Dimension	82.0 x 42.0x 20.0mm
Weight	72g; 94g (with magnetic cover)

## 2. Packaging

- 1\* Device
- 1\* 3M foam tape
- 1\* Magnet cover
- 1\* User manual

## 3. Appearance

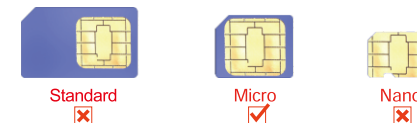


## 4. GSM Indicator

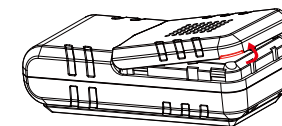
Status	Meaning
Flicker quickly	GSM initialization
Flicker slowly	Connected to platform

## 5. SIM card

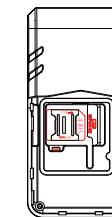
- SIM card should have access to GPRS and SMS.



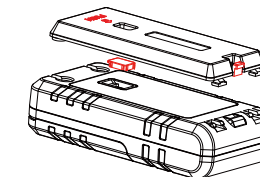
- Insert the SIM card.



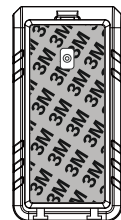
- ① Remove the front cover.



- ② Make sure the battery switch is in OFF position, and insert the SIM card correctly. Turn the switch to ON position and the device will power on.



- ③ A.To enable the light sensor, please remove the blocking tape.
- B.For device with magnet cover, please remove the magnet cover first before detach the light sensor blocking tape.



- ④ A.Use the 3M foam tape to fix the device.
- B.For device with magnet cover, you can place it on metal objects.

## 6. Operation

### 6.1 SOS number setting

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

- SMS command to add SOS number:  
SOS,A,number1,number2,number3#  
E.g. SOS,A,1351234xxxx,1371234xxxx,1301234xxxx#
- SMS command to delete SOS number:  
SOS,D,number sequence1,number sequence2,number sequence3#  
E.g. SOS,D,1,2,3#
- Query current SOS number:  
SOS#

### 6.2 Working mode setting

Please set the working mode by sending the following commands.

#### (1) MODE,1,T1,T2#

GSM is always on.  
T1 is the upload interval (10~1800 seconds)  
T2 is the working time (5~43200 minutes)  
Note: For power saving, when T1 is greater than or equal to 360 seconds, GSM goes to sleep after the data uploaded by device.

#### (2) MODE,2,T1,T2#

T1 is the start time of the interval. Format: HH: MM. Default: power-on time is used as the start time.  
T2 is the specified time interval, and value are 1, 2, 3, 4, 6, 8, 12, 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, 264, 288, 312, 336, 360. Unit: hour, default 24 hours.

**Note:** In default, GPS is off and only the WIFI anchor point is uploaded.

### 6.3 Low battery alert

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

## 7. Platform & APP

### 7.1 Login service platform

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

### 7.2 Download APP

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



iOS



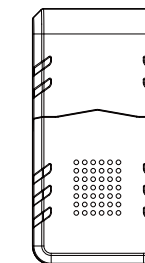
Android

### 7.3 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	Battery switch is in OFF position	Switch to ON
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
	Poor signal	Move to area with strong signal

## Asset GPS Tracker User Guide (Version 1.0)



- ⚠ One side of the device is marked "THIS SIDE TOWARDS SKY", place the unit upside down will result in connection issues. Avoid placing the device somewhere that metal will be covering it up.