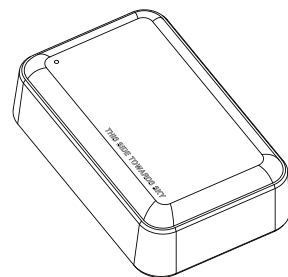


90\*70mm

## GPS Asset Tracker

User Manual  
Version 1.0



Prior to use, please read this manual thoroughly to ensure fast and effective installation. Final appearance, color and accessories are subject to change without notice.

### 1 In Brief

#### 1.1 Feature

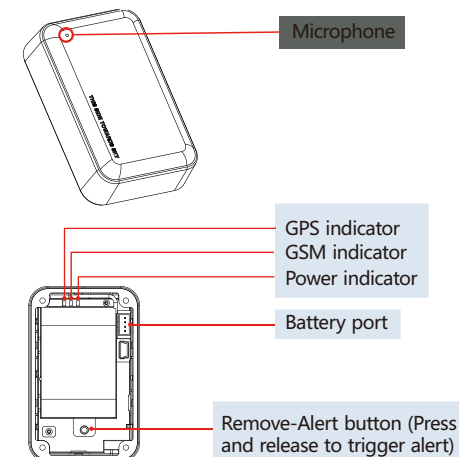
- Low battery alert
- Small and light
- 3 years standby time
- IP66 dust and waterproof
- Remove-Alert
- Remote setting
- GPS+LBS location

#### 1.2 Specification

Communication: GSM 850/900/1800/1900MHz  
GPS accuracy: <10 meters  
Voice monitoring range: <5 meters  
Working current: 60mA  
Standby time: 3 years (one position per day)  
Working temperature: -20°C to 70 °C  
Dimension: 80mm(L)\*50mm(W)\*30mm(H)

### 2 Appearance

#### 2.1 Appearance



#### 2.2 LED Display

##### 1) Red LED (Power status)

Status	Meaning
Quick flashing	Low battery
Slow flashing	Normal
No light	Power loss or sleep mode

##### 2) Blue LED (GPS status)

Status	Meaning
Quick flashing	GPS signal searching
Slow flashing	GPS located
No light	GPS is not working or in sleep mode

##### 3) Green LED (GSM status)

Status	Meaning
Quick flashing	GSM initializing
Slow flashing	Normal
No light	No GSM signal or no SIM or in sleep mode

### 3 Get Start

Above all, the device has non-chargeable battery, please read the manual carefully before any activation.

#### 3.1 SOS number setting

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

- SMS command to add SOS number:  
**SOS,A,number 1,number 2,number 3#**  
E.g. SOS,A,1351234xxxx,1371234xxxx,1301234xxxx#
- SMS command to delete SOS number:  
**SOS,D,number sequence 1,number sequence 2, number sequence 3#**  
E.g. SOS,D,1,2,3#

#### 3.2 Working mode

**Note:** When device boots for the first use, there are 3 minutes time to set the mode. Please confirm your choice before turning the device on. If you fail to set the mode in this 3-min period, device will enter into defaulted mode: Ultra-standby mode. In this case device will wake up and upload location in 24 hours. Any command to change the mode would be activated in 24 hours.

1) Ultra-standby mode: In defaulted mode device wakes up once daily to update one position, then enters into sleep status, during which period not any query function could be activated. User can set the sleep period by SMS command:

**MODE,2,T1,T2#**

**2** means ultra-standby mode.

**T1** means the start time of sleeping period which format is HH:MM.

Defaulted setting is the time when device boots up. **T2** means the sleep time interval which options are 1, 2, 3, 4, 6, 8, 12, 24 (hours). Defaulted setting is 24 hours.

**Note:** SMS command takes effect after device wakes up.

E.g. MODE,2,13:00,8# (Meaning: Device starts to fall asleep at 13:00, and wakes up every 8 hours)

2) Tracking mode: User can set the working period by APP or tracking platform or SMS.

**MODE,1,T1,T2#**

**1** means tracking mode.

**T1** means the time interval to upload location, ranges from 10-1800 (seconds)

**T2** means the working duration, ranges from 5-43200 (minutes)

**Note:** SMS command takes effect after device wakes up.

E.g. MODE,1,30,5# (Meaning: When device wakes up, it would work for 5 minutes, during which period, it uploads locations per 30 seconds.)

#### 3.3 Remove-Alert

In ultra-standby mode, after device is fixed for 3 minutes, it enters into arming status. In this case if the device detects itself being removed/taken off from the target, alert would be automatically uploaded. Device would enter into tracking mode for 20 minutes and then turn back to ultra-standby mode.

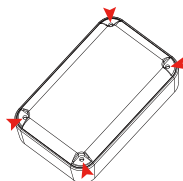
If device receives command to cancel the alert

within these 20 minutes, it would instantly turn back to ultra-standby mode. Anti-removed mode would activate again in 3 minutes.

Issue command from the platform to cancel the Remove alert : **cancel#**

### 4 Installation

1



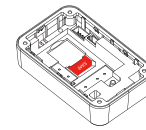
1. Take off the screws on the backside of the battery cover. Remove the cover.

2



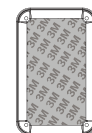
2. Take off the battery and insert the SIM card following the indicated direction.

3



3. Return the battery and connect it to the battery port. Device boots up with 3 LED flashing. Put the battery cover back with screw. To power off the device, take off the cover and disconnect the battery port.

4



4. To fix the device on asset, please stick the 3M foam tape on the backside of the non-magnetic model to your target. For magnetic model, directly stick it on the metal.

### 5 Tracking platform

User can login tracking platform or APP of Android/IOS authorized by distributor.

### 6 Notice

Please use the original battery from factory. Any unauthorized accessory would invalidate warranty service.

Manufacturer shall not bear any responsibility from any damage caused by unauthorized accessory. Do not dip the battery into water or fire. Do not distort or break the battery. Do no disassemble the device. Battery is disposable, not allowed for recharge.

### 7 Trouble shooting

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

Problems	Causes	Solutions
Fail to check location	No GPRS service	Contact local mobile operator
	Reply "no data"	Contact your vendor
Fail to connect network	Wrong installation of SIM card	Check SIM card installation
	Filth on the SIM card iron surface	Clean it
	Useless SIM	Contact internet service provider
	Improper installation	Check installation of device
	Beyond GSM service area	Use it in effective GSM service offer area
Fail to boot up	Bad signal	Try again in a better signal area
	No SIM	Insert SIM
Fail to boot up	Battery not connected; Battery runs out	Connect battery or purchase new battery from vendor
	Poor signal reception	In area with poor reception cover Move to area with good signal

#### 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	