

# A18 User Manual



Please read the instruction manual before using, in order to properly installed and rapid use!

## 1. Application method

1. Before using, please test equipment model is correct, accessories are complete.

2. In shutdown state insert support GSM network micro SIM card (GSM 850,900,1800,1900MHZ) and order the caller ID function and monthly mobile internet traffic data from your mobile operators (it must be GPRS traffic, not less than 30 MB/month traffic package). Please note that this product only supports GPRS internet.

3. Power on: press on the power button for 3 seconds or more then powered on.

4. Shutdown: When mobile phone APP display equipment online, through the app setting remote shutdown function to turn it off.

When mobile phone APP display equipment offline, long press the power/SOS button for power off.

5. Charge: insert the USB charging line, connected to the output of 5v - 1a standard mobile phone adapter, from no power to full about 2-3 hours.

6. Record the ID number of the device

Around the outside of the box, you will find ID number (ten numbers). Please remember or record it down in your laptop. Please don't forget this ID number, it is very important. Remember they will be used in the process of logging in.

## 2. Installation method



1. Open the side card Slot

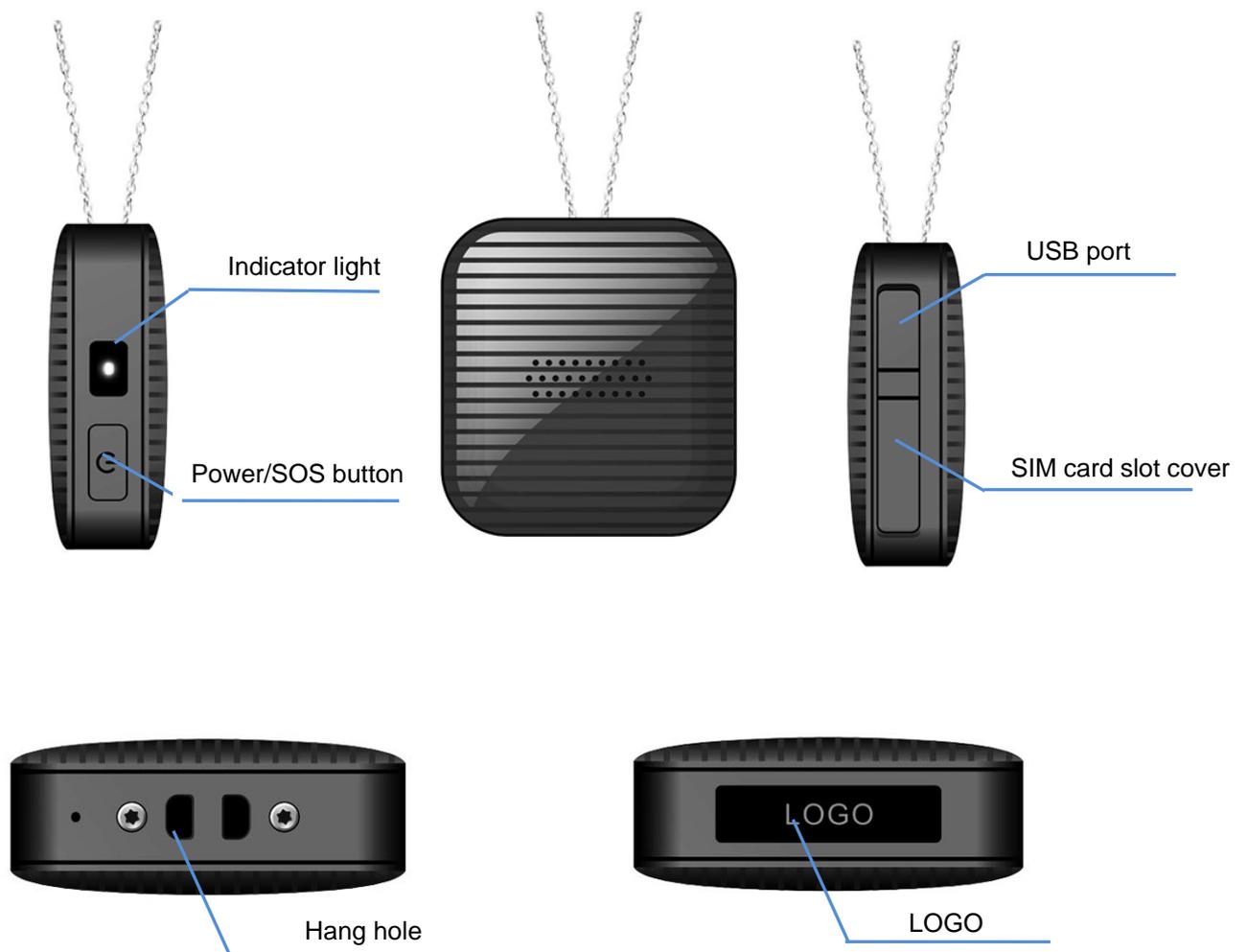


2. Chip up insert the mobile phone card

### 3. Product function

1. Real-time tracking
2. Historical route
3. Geo-fence
4. Emergency call
5. Voice monitoring
6. Find locator
7. Other functions setting

### 4. Equipment parameters



Positioning: GPS satellite positioning + Beidou+LBS base station positioning+AGPS auxiliary positioning

Positioning accuracy: GPS location 5 to 50m      Base station location-----50-1000m

Device size: 40X38X15mm

Battery capacity: 450mAh    Standby time: 5 days

## 5. Function declaration

### 5.1 Real time tracking

Chose real time tracking, click the icon then can check where the locator is.

### 5.2 Trajectory tracking mode settings and query

There are three kinds of tracking mode. Users through setting in the phone APP software function to set the working mode.

1. Rapid positioning (1 minute) : equipment at 1 minute intervals update location information, rapid positioning model the locator use battery faster.
2. Standard positioning (10 minutes) : equipment according to the time of 10 minutes interval update location information.
3. Save electricity positioning (an hour): equipment in one hour time interval update location information, the power-saving mode use battery is slowly

### 5.3 Historical route query

This product can keep 3 months of route information. If two anchor point position is very close, this product will be in the route filter position very close point.

### 5.4 Geo-fence

Users in the cell phone APP choose Geo-fence function, on the map can set Geo-fence round, if the device away from fences, mobile phone APP client-side will display the alarm information. Alarm information time is related to the positioning interval time setting, The smaller positioning time interval can get timely alarm information.

### 5.5 Emergency call(SOS call)

When mobile APP show the device is online, long press power/SOS button.The device circularly dials SOS numbers when pressing the power/SOS key. It will call the second number if the first number is not connected, then cycle continually.

### 5.6 Voice monitoring

Send sms to set the voice number,wait for a while and after confirmation equipment will be sent a calling to your number, you can listen to the voice around locator after answering. After set up the white list, the inside of white list number will send a calling to device, device will automatic answer, can listen to the voice around locator.

### 5.7 Find locator

Choose find locator, confirm the command when the device is in normal network connection, will make a sound, easy to find the locator.

### 5.8 Other settings

There are many other functions, users can operate through mobile APP.

Set SMS command can give equipment issued commands (Specific text instruction content, please consult the merchant.

## 6. Key description

When shutdown state with enough power long press power/SOS key locator will starting up. Locator online can not shut down manually, under the condition of locator offline can press power key to turn it off manually. When locator online, if you have set up the emergency call number, long press power key/SOS, locator will dial the emergency call number.

## 7. Light effect show

Starting up: Indicator light for 3 seconds.

Charging: In charging process indicator light long time turn on,after full indicator light turn off.

Keys: When starting up press the power button indicator for 2 seconds

Connect to the server exception: light flash is slow

## 8. Setup APN for access of network

SIM card in some countries need to setup apn before access to GPRS network, please contact the SIM card operator or check the website of the SIM card for the apn information.

<b>Setup APN</b>	<b>Command format (SMS format)</b>	<b>Example (manually send following SMS from mobile phone to GPS locator )</b>	<b>After you send SMS, feedback will return SMS to you as following</b>
	pw,123456,APN,AP N name,user name,pa ssword,MCCMNC#	If your APN name=wap.tmobil.cl, user name=wap, password=wap, MCC=730, MNC=02, then you can send this SMS to your GPS Locator: pw,123456,apn,wap.tmobil.cl,wap ,wap,73002#	APN:wap.tmobil.cl;user: wap;password:wap;user data:73002.

### Remarks:

Use your mobile phone, send above SMS command to the GPS tracker SIM card. After you send the SMS command, please check if you get a set up success replied SMS from GPS locator.

Command format:

pw,123456,apn,apn name,user name,password,MCCMNC#

Example: BSNL SIM card, the APN name is bsnlnet, user name null, password null, MCC=404, MNC=80

Then send sms command: pw,123456,apn,bsnlnet,,,40480#

(Note: If the user name and password is null, you still need to keep the comma symbol as above)

APN will set successfully after you get the reply SMS from GPS locator.

Note: Each operator's APN information is different, please contact the operator for their APN and MCC, MNC information, thanks.

Chapter 2 Main SMS command summary sheet

Command items	Command format(SMS format)	Example(usually send following SMS from mobile phone to GPS locator )	After you send SMS, there will be feedback(SMS returns from GPS locator to your mobile phone)
Setup center number	pw,123456,center,xxxxx xxxxxx#	pw,123456,center,135 10460105#	Central number : 13510460105. setup success!
Setup APN	pw,123456,apn,apn name,user name,passwd, MCCMNC#	pw,123456,apn,wap.t mobil.cl,wap,wap,7300 2#	APN:wap.tmobil.cl;user: wap;password:wap;user data:73002.
Setup the upload time interval	pw,123456,upload,x#	pw,123456,upload,300 #	Upload time interval:300S;setup success!; upload : 300s;ok!
Inquiry the URL for map	pw,123456,url#(need the platform support)	pw,123456,url#	[GPS] http://maps.google.com. hk/maps?q=N22.568657 ,E113.8663225
			[BASE] http://maps.google.com. hk/maps?q=N22.568657 ,E113.8663225
Inquiry parameters	pw,123456,ts#	pw,123456,ts#	ver:G19C_BASE_V1.0_ 2014.05.19_09.38.29; ID:7893267577; imei:000078932675770;

			ip:121.37.43.203; port:8711; center:12520136409270 62; upload:300S; workmode:2; bat level:3; language:1; zone:8.00; GPS:NO(0); GPRS:OK(90); LED:ON; pw:123456;
Reset the device	pw,123456,reset#	pw,123456,reset#	The device will reset
Restore factory settings	pw,123456,factory#	pw,123456,factory#	The device will reset
Setup ip and port	pw,123456,ip,x.x.x.x,y#	pw,123456,ip,113.10.2 45.151,8083#	IP and port setup success!
Setup language and time zone	pw,123456,lz,x,y#	pw,123456,lz,0,8#	lz,x,y# x=0&1 stands for language, 1 for Chinese, 0 for English, y for time zone

### Personal information security

•Please install and use this product correctly. In order to guarantee safety use the products, please ensure that your product is not bound by people without permission. We adopt technology and management measures to ensure the safety of network information, in accordance with the law to protect users' personal information, to ensure the security of your personal information. The illegal use of this product, company will not responsible for it.

## **Declare**

- Welcome to use the Mini locator. Mini locator contains hardware and intelligent mobile phone client-side software two parts, device need complete set to use can realize the function. Please read the instructions and safety information in this manual before operating hardware, for ensure the safe and correct use. Intelligent mobile phone software instructions please refer to the software user description.
- If you remove or changes the product shell, the product will lose the warranty.
- Please use the original factory provide accessories, for fear that unexpected damage. If you do not use this product as right procedure or connect incompatible parts, this behavior will lead to warranty automatic avoidance, and may even endanger the safety of you and others. To this, company does not undertake any responsibility.
- This product function realize depends on the GPS network, GSM (GPRS) network system, GIS (geographic information) system and computer system, etc. This product need to install the phone card, and open the Internet function. This product working must with good network flow, due to network failure or other force majeure causes any losses and service disruption, company does not undertake any responsibility.
- Matters need attention
  - 1, Do not use product soaked in water;
  - 2, Please leave the product away from the fire source, high temperature and extreme environment;
  - 3, Please pay attention to remind children don't eating products;
  - 4, It is forbidden to use other charging equipment;
- When power off condition and out of service zone, this product positioning function will not work.