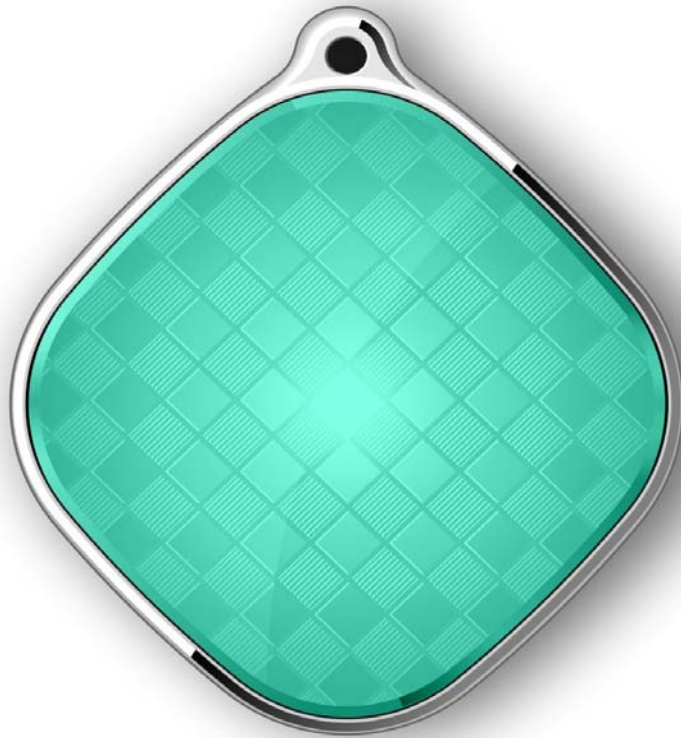


# A9 User Manual



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

## 1,Application method

1. Before use, please test equipment model is correct, accessories are complete.
2. In shutdown state insert support GSM network SIM card (GSM 850,900,1800,1900MHZ)and open the caller id function and monthly flow (not less than 30 m/month traffic package).
- 3.Power on: press on the power button for 3 seconds or more then powered on.
- 4.When mobile phone APP display equipment offline, please take out the Sim card and long press power 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,Installation method



1. use forceps open the card slot



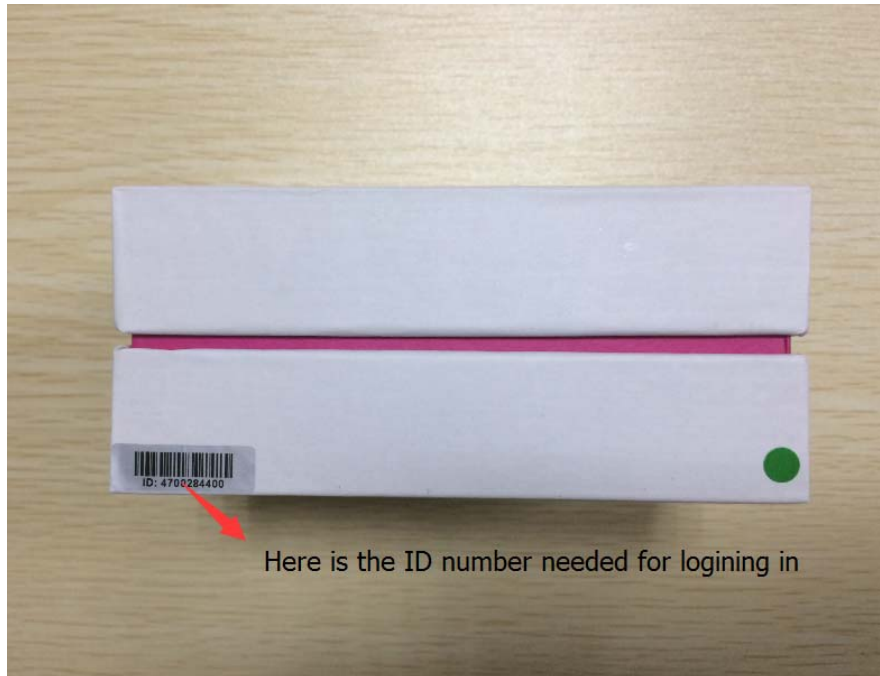
2.Chip up insert the mobile phone card



3.use forceps cover into the mobile phone card

## 7, Record the ID number of the device

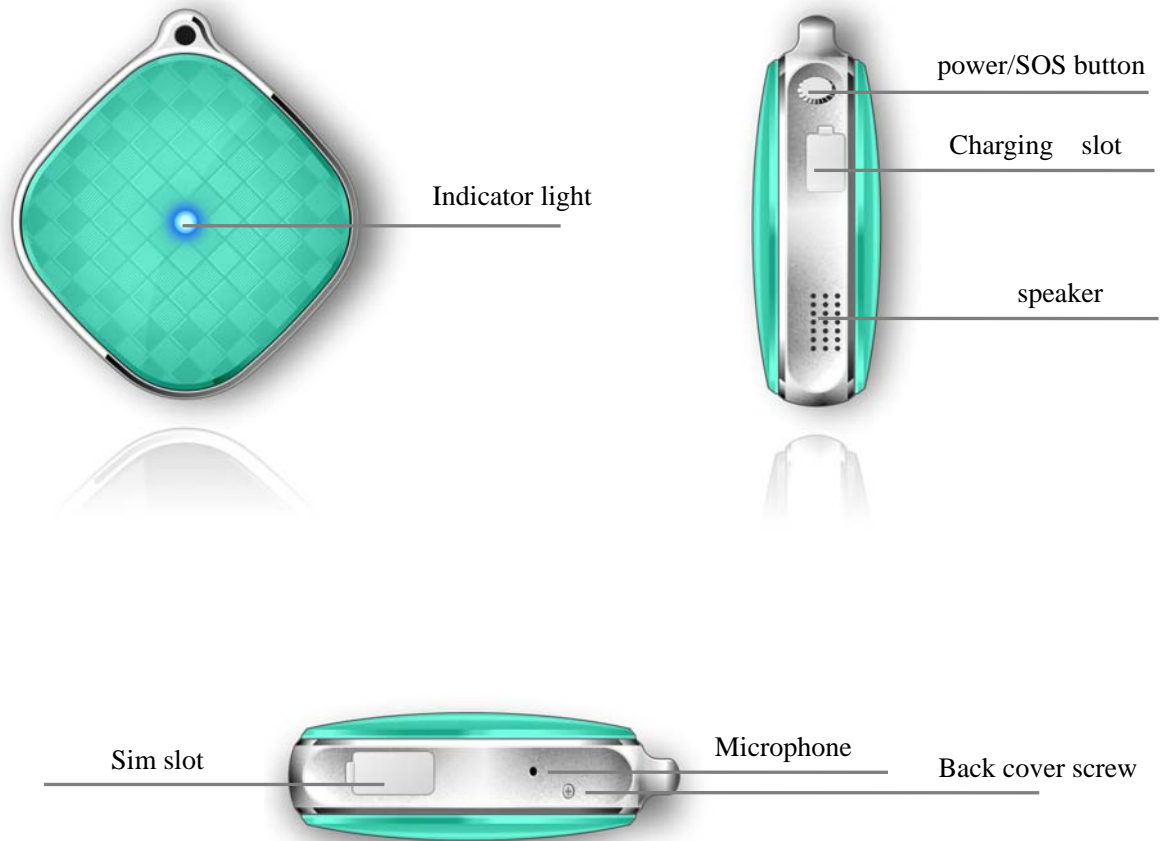
Around the outside of the box, you will find ID number(ten number). Please remember or record it down. Remember they will be used in the process of logining in.



## 2, Product function

1. Real-time tracking
2. Historical route
3. Geo-fence
4. Emergency call
5. Voice monitoring
7. Various work modes: rapid positioning, standard positioning and save electricity positioning.
8. Multi-platform monitoring: support android, apple mobile phone system, computer network clients, etc
9. Universal: four frequency support GSM network, languages and time zone setting

### 3, Equipment parameters



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

Positioning accuracy: GPS location 5 to 15m    WIFI location 15-100m

base station location-----100-1000m

Device size: 38X38X12mm

Battery capacity: 500mAh    Longest standby time: 5 days

### 4, Function declaration

#### 4.1 Working mode setting

There are three kinds of working mode. User 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

#### 4.2 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.

#### 4.3 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.

#### 4.4 Voice monitoring

Select voice monitoring function in setting up and fill in your mobile phone 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.

#### 4.5 SMS monitor number and language time zone setting

After Set message monitoring number, SMS monitoring number can give device issued message commands (specific message instructions please contact retailers). SMS alarm monitoring number can receive device sent text messages and other notification message. Time zone is set up for foreign language users design features, user does not need to set up in China.

## 5, Key description

When shutdown state with enough power press power 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, the first number after dialing if you have answered will not continue to dial the second number, if you do not answer will call the second number, circular dial twice, after connect terminate the call.

## 6, 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

## 7, 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.

	Command	Example	Reply SMS
<b>Setup APN</b>	pw,123456,apn,apn name,user name,password,MCCMN C#	apnname=wap.tmobil.cl, user name=wap, password=wap, MCC=730, MNC=02, then the SMS will be: pw,123456,apn,wap.tmobil.cl,wap,wap,73002#	apn:wap.tmobil.cl;user :wap;passwork:wap;userdata:73002.

## Chapter 1 Troubles & Shooting

Troubles	Shootings
Device is not enabled on app	Please check if : 1. SIM card is not enabled 2. apn is not setup

Device is offline on APP	Please check if : 1. SIM card no signal 2. GPRS is canceled or not enabled 3. The SIM card is in debts
Positioning is not accurate	The device support two modes of positioning, 1.GPS positioning is mainly for outdoor positioning, the accuracy is around 10 meters. 2.GSM positioning is mainly for indoor positioning, the accuracy for LBS positioning is around 500-1000 meters.

## Chapter 2 Main SMS command summary sheet

Command type	Command type	Example	The expected output result
Setup center number	pw,123456,center,xxxx xxxxxxx#	pw,123456,center,136 40927062#	Central number: 13640927062.setup sucess!
Setup APN	pw,123456,apn,apn name,user name,pass word,MCCMNC#	pw,123456,apn,wap.t mobil.cl,wap,wap,730 02#	apn:wap.tmobil.cl;user: wap;password:wap;use rdata:73002.
Setup the upload time interval	pw,123456,upload,x#	pw,123456,upload,30 0#	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.co m.hk/maps?q=N22.568 657,E113.8663225  [BASE] http://maps.google.co m.hk/maps?q=N22.568 657,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:1252013640927062; 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,113.10.245.151,8083#	IP and port setup success!
Setup language and timezone	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 timezone



## **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.