



# A19 User Manual

Please read the instruction manual before using, in order to install SIM card properly and use the product easily.

# 1. How to use

**1. before using:** please check the ID number of this product in the label of external box; find out all accessories inside the box.

**2. Before power on:** please insert GSM network SIM card or WCDMA network SIM card, GSM mode can supports one of the network modes: GSM 850,900,1800,1900MHZ; WCDMA mode can support: either WCDMA 850/1900 or WCDMA 900/2100 ( depends on which type you buy, you can check with your reseller or operator for more detail regarding WCDMA), open the caller ID function and monthly traffic data from your mobile operators (not less than 30 MB/month traffic package). Please note that this product supports 2G GSM and 3G WCDMA. There must be internet traffic available in the SIM card. This locator doesn't support 4G.

**3. Power on:** press the power button for 3 seconds or more until power on.

**4. Power off:**

Watch: Settings-- SYSTEM---Others about----Engineer Mode--Shutdown.

APP: entering Setting——Remote shutdown.

**5. Battery Charge:** Insert the USB charging cable with general mobile phone adapter, we suggest to use 5v – 1A charger. It takes around 2-3 hours for battery full charge.

## 2. SIM card installation method

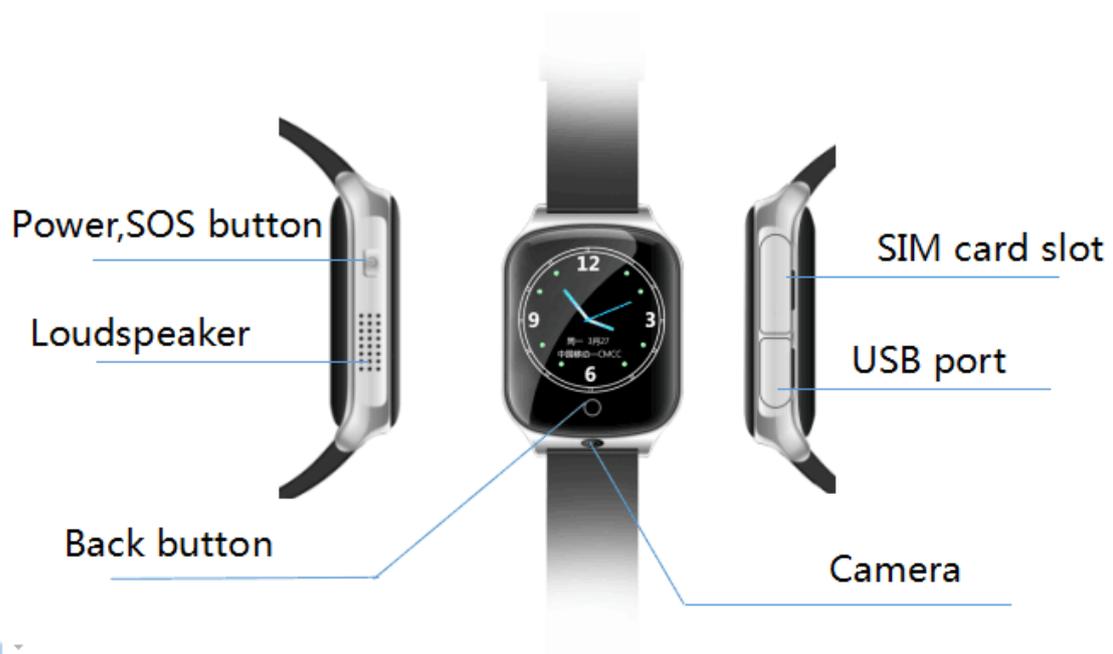


1. Chip up insert the mobile phone card



2. Insert the SIM card into the card slot

## 3. Equipment parameters



**Positioning:** GPS satellite positioning+ BeiDou positioning+ AGPS auxiliary positioning+ WIFI positioning+ LBS base station positioning

**Positioning accuracy:** GPS+BeiDou location 5-20m; WIFI location 20-100m;

LBS Base station location: 100-1000m.

Device size : 53X41X15mm      Whole machine weight : 40G

Battery capacity : 550mAh      Standby time : 1-2 days

**Platform monitoring** : Support android, apple mobile phone system, computer network clients, etc.

**Universal:** support four frequency GSM network and WCDMA network, languages and time zone setting, built in global network parameters

## **4. Product function**

1.Real time tracking

2.Call function

3.Historical route query

4.Geo-fence

5.Voice monitoring

6.Do not disturb mode

7.Camera taking photos

8.Clock alarm

9. Health steps counting

10. Making friends

11. Watch settings

12. Other settings and functions

## 5. Function declaration

### 5.1 Real time tracking

There are three kinds of working mode. User can select setting in the phone APP software function to choose the working mode.

1. Rapid positioning (1 minute): equipment at 1 minute intervals updates location information, we don't suggest choosing rapid positioning model, and the battery will be lower soon than standard mode. We don't suggest selecting this one.
2. Standard positioning (10 minutes): equipment updates location information according to the time of 10 minutes interval. We suggest selecting this one.
3. Save electricity positioning (an hour): equipment in one hour time interval to update location information, the power-saving mode use battery slowly.

### 5.2 Call function

(1) **Setup whitelist** :Click APP setting—whitelist—setting phone numbers (Maximum 5 contact numbers can be set, only the phone numbers in whitelist can call this watch) .

(2) **Phonebook**: Click APP setting—Phonebook—Setting name, phone numbers

(Maximum 15 contact numbers can be set in the phonebook; After setting up phonebook, can choose one contact in phonebook to initiate a call through phone Icon button of watch home screen) .

### **(3) SOS emergency call**

If you have set up the family number (Maximum two), long press power/ SOS button, watch will dial the family number, if the first number answers; it will not dial the second number. If the first family number does not answer, it will dial the second number automatically, circularly dial twice, will not call until answer.

Note: whitelist, phonebook and family number can be set in completed phone number or short number.

## **5.3 Historical route query**

This product will keep 3 months of route information. If two GPS position points are very close to each other in the historical route data, this product will filtrate it.

## **5.4 Geo-fence**

Users can choose Geo-fence function in the cell phone APP, you can set Geo-fence round on the map, if the device is away from fences, and mobile phone APP client-side will receive the alarm information from GPS locator platform. Alarm information frequency is related to the positioning interval time setting, The smaller positioning time interval, the more frequent alarm information can get.

## 5.5 Voice monitoring

APP settings—voice monitoring—fill in the monitor mobile phone number—click ok(wait for a while and then the equipment will call to your mobile phone number; you can listen to the voice around locator after pick up your mobile phone).

## 5.6 Do not disturb mode

APP settings—do not disturb mode—set up do not disturb timing(Maximum four groups timing) within the time interval, unable to call the locating watch.

## 5.7 Camera taking photos

You can choose either by APP or by GPS watch

(1) Entering APP settings interface, click “camera” button, and then the watch can make remote camera control. In “picture view”, user can enlarge to view photographs and time information of photo.

(2) Click the GPS watch “camera” function, can take photos or make video, can view or delete the photos and videos in Gallery.

## 5.8 Clock alarm

APP alarm settings—alarm reminding —set clock alarm time (Alarm clock reminder is divided into a once, daily and user-defined, can be set according to your own needs)

## 5.9 Wechat intercom (voice message talking)

Intercom between gps watch and app for voice conversations:

- 1- Send voice message from APP to GPS watch: APP voice—hold to talk—release to send
- 2- Send voice message from GPS watch to APP: click watch main interface, click the voice icon—hold to talk—release to send.
- 3- Send picture from GPS watch to APP: in message chat interface, click “+” , then take photos, and send photo to APP; user can check the photo in the “picture” of APP.

Note: the maximum voice message can be up to 15 seconds. User can swipe up finger to cancel voice recording.

## 5.10 Health steps counting

Step counting is default to be closed, so you need to manually turn on this function, by following steps in APP:

App health counting steps button —The upper- right corner setting icon—according to your need to set time period of counting (three groups), pace and weight parameters, finally turn on the step counter switch. You can turn off the counting function when it is not needed.

You can check the steps number in the GPS watch “steps counting”; can check the number of calories and steps number of the day or historical sport route in the APP .

## 5.11 Making friends

Click on "Friends" interface of watch, you can register your friend’s GPS watch ID when two gps watches touch each other, contact will be created after success of register, icon will be lighted up and display the ID of your friends. Click the buddy icon in the GPS watch, you can send message to your friends, can send voice and pictures to your friend. Long press messages sent by friends to "delete" or "delete all". Long press "the buddy icon", you can remove friend.

## 5.12 Watch settings

- (1) Wireless and network:

**WLAN:** open WLAN--search for WiFi hotspots-- enter the password.

**Bluetooth:** after turning on the Bluetooth, can transmit data such as photographs by using Bluetooth.

(2) Equipment: display, storage, batteries, and applications.

(3) Personal: security, languages and input methods, and backing up and resetting

(4) System: Date and Time, about cell phones, and other relevance, shutdown, reboot.

Note: you can view a device's IMEI, and then get the device ID.

## 5.13 Other settings and functions

The watch also has many other features, user can operate and use by mobile APP.

## 6. App installation

6.1 Scan the following QR code to download software APP "Amber360" for cell phone.



APP for Android system



APP for IOS system

6.2 Backend Website : <http://www.amber360.com/>

### 6.3 For Android,

You can download the app from "Google play" by searching " Amber360"

### For iPhone,

You can download the app from "app store" by searching " Amber360"

**Note: during the APP installation process, it will ask you whether to trust this program, or whether to allow access to mobile phone location, please choose trust or allow.**

## 7. Setup APN for access of network

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

	<b>Command</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>
<b>Setup APN</b>	pw,123456,APN,APN name,user name,password,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;userdata: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 leave it blank and keep the comma character 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 1 Troubles & Shooting

<b>Troubles</b>	<b>Shootings</b>
Device is not enabled on app	Please check if : 1. SIM card is not enabled 2. APN is not setup 3. Can make a call to the GPS tracker 4. Send SMS to the GPS tracker:pw,123456,ts#
Device is offline on APP	Please check if : 1. SIM card doesn't support it, change another SIM card. 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. If the GPS tracker is in outdoor, it is by GPS positioning, the accuracy is around 10-20 meters. 2. If GPS tracker is in indoor, it is LBS positioning, the accuracy for LBS positioning is around 500-1000 meters. 3. The Phone position in APP is not accurate, this is not because of GPS tracker. 4. The signal from your operator in some areas are not good.

## Chapter 2 Main SMS command summary sheet

<b>Command type</b>	<b>Command format</b>	<b>Example(manually send following SMS from mobile</b>	<b>After you send SMS, there will be feedback ( SMS returns from</b>
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		<b>phone to GPS locator )</b>	<b>GPS locator to your mobile phone)</b>
Setup center number	pw,123456,center,xxxxxxx#	pw,123456,center,13640927062#	Central number: 13640927062. setup success!
Setup APN	pw,123456,apn,apn name,user name,password,MCCMNC#	pw,123456,apn,wap.t mobil.cl,wap,wap,73002#	APN:wap.tmobil.cl;user:wap; passwork:wap;userdata: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: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,112.95.164.119,7755#	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 GPS Smart Watch. GPS Smart watch 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 change the product shell, the product will lose the warranty.

• Please use the original factory provided 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 realizes depends on the GPS network, GSM (GPRS) network system and WCDMA network system, GIS (geographic information) system and computer system, etc. This product needs 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 does not let 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 not to eat 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.