

# User Manual



Please read the instruction manual below before use, to install the SIM card properly and use the product quickly.

Before first use, fully charge the battery.

Do **NOT** turn on the Tracker until the SIM card has been installed following the instructions outlined here.

## 1. How to use the Tracker:

1) Install the standard Nano-SIM card (select 4g SIM card for LTE network) according to the SIM card installation method. The SIM card needs to enable voice, SMS, data services (4G is recommended), and caller ID service.

2) SIM card installation method:



Insert a suitable 4G Nano SIM card with the gold side facing upwards and the diagonal corner facing the bottom right corner of the Tracker – see image for details.

- 3) Power on: Press and hold the power button until the motor vibrates to release your hand
- 4) How to power off:  
(Option 1): Press the power button 10 times continuously within 5 seconds  
(Option 2) by APP: Settings / 'Remote Shutdown.'
- 5) Reboot: Press the power button for 15 seconds, the Tracker will reboot.
- 6) Battery Charge: use the magnetic charging lead to attach to the back of the Tracker (it will only connect one way), connect the other end of the cable to the supplied USB charger 5V1A / 5V2A or laptop USB.

Please do not use the fast charger that with 9V output, please use only 5V chargers or USB ports, higher voltage than 5V may damage the device.

## **2. Tracker Parameters:**



Note: 1- Do not use sharp objects to open the SIM card cover to avoid scratching the coating of SIM card cover.

2- Only when the GPS tracker fails to turn on correctly, you should use the "Reset" button. After pressing the "Reset" button, the GPS tracker system will be forcibly turned off, and the settings will remain unchanged. Please charge the GPS tracker battery after the system is turned off to get the tracker back to normal operation.

### **3. Product Features:**

1. Real-time GPS, WIFI & CELL location
2. Historical route

3. Geo-fence
4. Calling (SOS call button, two-way communication)
5. Health pedometer
6. Medication reminders
7. Power-saving mode
8. Other settings and functions

## **4. Function Description:**

### **1 GPS interval Setting**

#### **1.1 Standard Mode (mode 0):**

This mode is mode 0, which is default mode that with auto-updates, GPS tracker will report location automatically when there is a continuous vibration & movement.

If the GPS tracker keeps still without movement & vibration, it will not update location to save battery. Please note if GPS Tracker is not connected to the GPRS network, no location data can be sent to the server and APP.

(1) GPS interval as every 10 minutes: it is standard choice auto-updates every 10 minutes when there is a continuous vibration & movement; this is a highly recommended selection.

(2) GPS interval as every hour: auto-updates every hour when there is a continuous vibration & movement. This is the best choice to save battery if you also want to use the Geo-fence feature.

(3) GPS interval not set (manually obtain positioning): There is no set time and no automatic update of location data on the App even if there is a continuous movement. The user can locate the device at any time in this mode with the 'LOCATE' button in the App Map interface. This is the best mode to save battery hours.

#### **(4) APN Settings**

APN setting is not a must for some mobile operators, but if the GPS tracker has never been online from the beginning while the SIM card is with enough credit, you need to set the APN for the GPRS data connection.

You can send below SMS command to check if there is APN problem.

pw,123456,ts#

You will get SMS reply that includes following:

wifiOpen:

wifiConnect:

gprsOpen:

NET:OK(100)

The NET:OK means the current APN setting is correct, no need to do APN setting any more; otherwise you need to do APN setting as followings:

In order to carry out the configuration, Google it from the operator's official website, or insert SIM card into one Android phone and check it in the network profile to find out:

1. APN name
2. Username: (most operators in the world does not require it)
3. Password: (most operators in the world does not require it)
4. MCC: Mobile Country Code
5. MNC: Mobile Network Code - Operator Code

For example the MCC code for Germany is 262.

The union of the MCC and MNC codes in this sequence is as PLMN without spaces between them. For mobile operators who do not require user name and password as authentication, the username and password values should left blank.

With this data, we can manually configure the APN by sending the following SMS message to the SIM number in the device (by entering the specific values of the Operator):

pw,123456,apn,APN name,username,password,PLMN#

Example1:

1. APN name: telstra.internet
2. Username:
3. Password:
4. MCC:505
5. MNC: 01

The SMS command to be sent to the SIM number in the GPS Tracker is

pw,123456,apn,telstra.internet,,,50501#

Even if the values of username and password are empty, but commas must be there. MNC need to be no less than 2 digits, for example 02 is better than 2.

Example2:

1. APN name: tmobil.cl
2. Username: wap
3. Password: wap
4. MCC:730
5. MNC: 2

The SMS command to be sent to the SIM number in the GPS Tracker is

pw,123456,apn,tmobil.cl,wap,wap,73002#

SMS Command should all be small letters without spaces.

after sending the sms command, you will get sms reply 'set apn.. is successful', and it is necessary to restart the device

**Note:** ① Under the above three GPS interval, the user can check the current location of the device in real-time by APP. Open the APP in the map interface, click on the locate button, and the GPS tracker will report the up-to-date position as soon as possible.

② The App map interface shows the type of positioning in different colors: WIFI is orange, GPS is blue & LBS is purple

③ In the 10 minutes or 1-hour movement tracking mode, the GPS tracker will regularly update the location on the APP Map page and History

④ The device supports GPS tracking (Outdoor), WIFI tracking (outdoor and indoor), LBS tracking (outdoor and indoor). The primary difference between GPS and Wi-Fi locating technologies is in the method of gathering location data. GPS uses satellites that orbit around the Earth to triangulate a user's location, whereas Wi-Fi locating technology uses relative network signal strength gathered at network access points. GPS tracking is available in out-door but mostly not available for indoor. When the GPS tracker doesn't find GPS signal, it will use Wi-Fi or LBS tracking, Wi-Fi tracking is better for indoor comparing with LBS tracking.

⑤ The user can locate the device at any time under all 3 modes with the 'LOCATE' button in the App map interface.

⑥ If you cannot get GPS position accurately, you can send both commands in followings and go outdoor for a 5 minutes walk after SMS command:

`pw,123456,upload,60#`

`pw,123456,cr#`

Please also send following SMS command to change interval back to 10 minutes after you got the correct GPS position, so as not to run out of battery quickly:

`pw,123456,upload,600#`

## **1.2 Ultra Power Saving Mode (mode 1/mode 2)**

This mode is not recommended for beginners, it is only for users who want to save battery and have knowledge of GPS tracker. The GPS interval setting will not change, and both modes are set to only disconnect the GPRS Internet connection to save battery time while keeping the call always on.

The ultra power saving mode is mode 1 or mode 2.

When switching to mode 0, the ultra power saving mode will be disabled.

(1) Set Mode 1: The device will disconnect from the GPRS network when the set "still" time triggers. The device will reconnect to the GPRS network due to vibration within 5 minutes and will be disconnected from the GPRS network again after the "still time" has passed.

this mode is better for asset tracking that wants to save battery.

Setting method:

Step1: send SMS command: `pw,123456,ps,1#`

Step2: send SMS command: `pw,123456,pstim,x#`

If you want to ping the tracker to find its location:

Step 1: Send the SMS command: pw,123456,ps,0# or let the GPS tracker vibrate and move.

Step2: send SMS command: pw,123456,cr#

Step3: wait a second and check location in the APP.

(2) Set Mode 2: The device will disconnect from the GPRS network when the set "still" time triggers. The device will reconnect to the GPRS network via the SMS command pw,123456,rouse# , and will disconnect from the GPRS network again after the "still time" has passed. This mode is better for personal tracking where you want to save battery power.

Setting method:

Step1: send SMS command: pw,123456,ps,2#

Step2: send SMS command: pw,123456,pstim,x#

If you want to ping the tracker to find its location:

Step1: send SMS command: pw,123456,rouse#

Step2: send SMS command: pw,123456,cr#

Step3: wait a second and check location in the APP.

(3) Set Still time

The "still time" refers to the period of time when the device is not vibrating and not moving. Please note that when driving on a smooth road may not offer enough vibration for the GPS tracker, so it may be considered as "still time".

Setting method:

Send SMS command: pw,123456,pstim,x#

(x is between 5 to 90), for example, pw,123456,pstim,10# is 10 minutes, and pw,123456,pstim,15# is 15 minutes as still time)

(4) Go back to Mode 0: The device will remain connected to the GPRS network at all times (mode 1 & 2 will deactivate)

Setting method:

Send SMS command: pw,123456,ps,0#

Above SMS commands can be sent from any GSM phone number to the GPS tracker.

SMS Command should all be small letters without spaces.

Commands must be digitized without spaces and respecting capitals. attention: not to get automatic correctors to insert undesirable spaces and caps.

If you are not sure if your tracker is in ultra power saving mode or not, you can send below SMS command to check status.

pw,123456,ts#

You will get SMS reply that includes following:

Language:

zone:+01:00;

profile:1;

psmode:0;

The psmode:0 means the current setting is not in ultra power saving mode.  
If it says psmode:1 means it is ultra power saving mode 1.

If the GPS tracker is often "offline in the app", it may be because it is in ultra power-saving mode. you can send this command pw,123456,ps,0# to get back to standard mode 0.

## **2. Historical Location Playback**

In the main page of the APP, click the history button in the bottom, you can check the location history playback within the last three months.

## **3. Geo-fence (safe zone):**

This feature defines a Geo-fence (safe zone) perimeter and sends  
This feature requires GPS interval setting in mode 0, which is the standard mode.

A push notification if the Tracker has left the safe zone.

The user can still manually locate the Tracker when the safe zone is turned on/off.

Click 'More' → 'Geo-fence' → click the "+" icon in the bottom → input the zone name → Click and drag the map to set the center point → click on the "+" "-" icon or drag to set the coordinates regional context → click OK in the upper right corner to save the setting.

### **Note:**

(1) The app will show "leave geo-fence" alarm information, will not show "enter geo-fence" (History alarm information can be viewed in APP Information Center, which is in the upper left corner of the map interface).

(2) The APP may not notify the user immediately of a geo-fence breach - it will only check as often as the time interval is set, the GPS positioning time interval is shorter, the alarm information will be sent faster.

(3) The user can set up to three Geo-fences.

## **4. Calling:**

1) SOS Calling:

Click APP More → Settings → SOS Numbers - Enter SOS phone numbers, click save.

2) One Button SOS: in case of emergency, long-press the power button to trigger the emergency call SOS. At this time, the Tracker will call the 3 preset emergency numbers circularly.

3) Phonebook(Only for a phone to call in, not for GPS Tracker to call out, consider it as a white list):



① Add a contact: Click APP More → Settings → Phone Book - Click the Add icon → Remarks name, numbers, and picture (can be set up to 15 contacts), and finally click OK to save.

Note: Phone calls to the GPS tracker can only be made by the SOS numbers, Phone book numbers and Admin number. The GPS Tracker can call out to SOS numbers

## **5. Health pedometer steps**

Pedometer feature set: APP More → Healthy steps → Click on the Settings icon - Add pedometer period time (up to three), and click “save”.

## **6. Medication reminders**

APP more → Settings → medication reminders → Set medication reminders and reminder time text, voice → to save.

Note: (1) user can set the frequency as single, daily and weekly  
(2) Set up to three groups.

## **7. Light effect description**

1. Power on: LED light is on, then rotate
2. Shut down: All LED indicators light up first and then all go out.
3. Charging: During the charging process, an indicator light is always on. When fully charged, the indicator light is off.
4. Find equipment and SOS: LED lights turn five times
5. How to check if the network is abnormal: Press the SOS button and the three indicators will light up.
6. How to check if the network is normal: Press the SOS button, and an indicator will light up.

## **5. The APP:**

### **1. Download and install the App “Aibeile Plus”**

(Option1) - Scan the following QR code, download and install the App

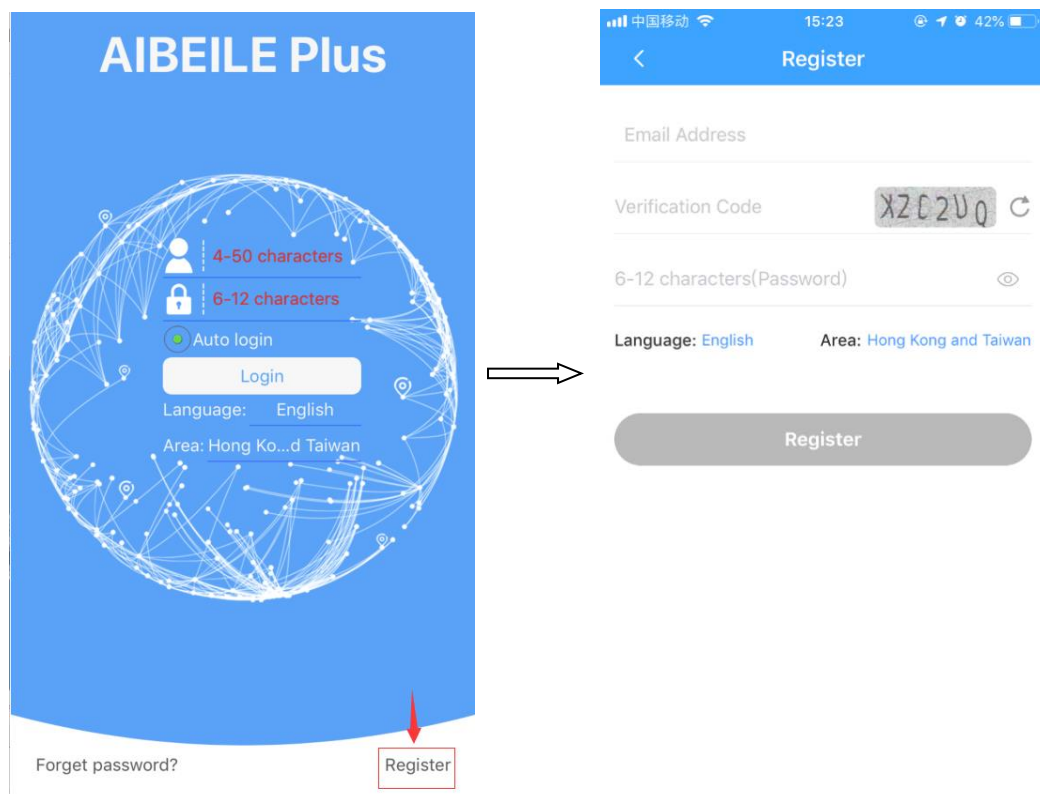


(Option 2) -Search “Aibeile Plus” in App Store - Apple or Google Play

**Note:** During installation, the phone prompts whether to trust the APP or whether to allow prompt access to phone location, etc. Please select trusted and allow all the time.

## 2. Registering the Tracker and log in:

Open the App, new users will need to register a new account by clicking on the bottom right “Register” button, complete the registration steps. Please note that you will need to select the right area you are located in, for example, if you’re in Europe, you need to choose “Area” as Europe. If you’re in Australia, you need to select “Area” as “Asia and Oceania”. You also need to input a correct email address to ensure you can reset your password if needed. Please make sure to enter correct email address for password recovery in the future. In order to avoid malicious registration, one mobile phone cannot register more than 5 accounts.



## 3. Connecting the GPS tracker to your APP account:

After successful registration, log in to the account, select ‘More’ →Device list →Add device, Click scan icon to scan the QR code on the GPS tracker.

< Add device

registration codePlease scan...

Basic Information

nickname

I am Dad >

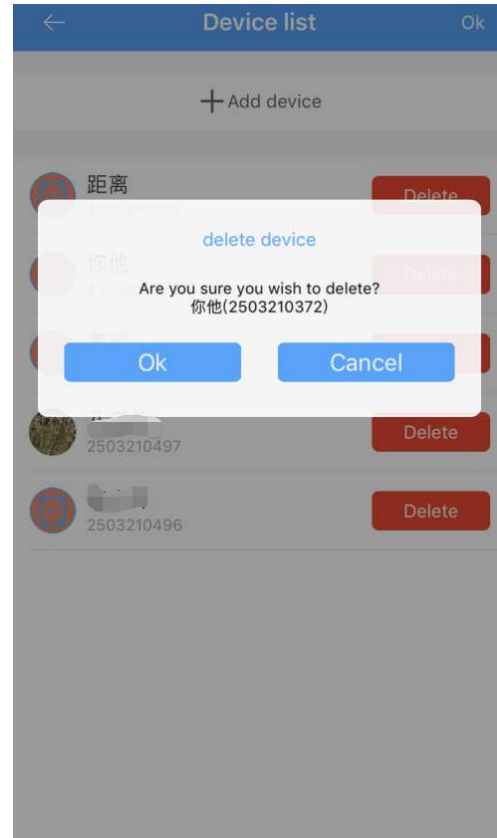
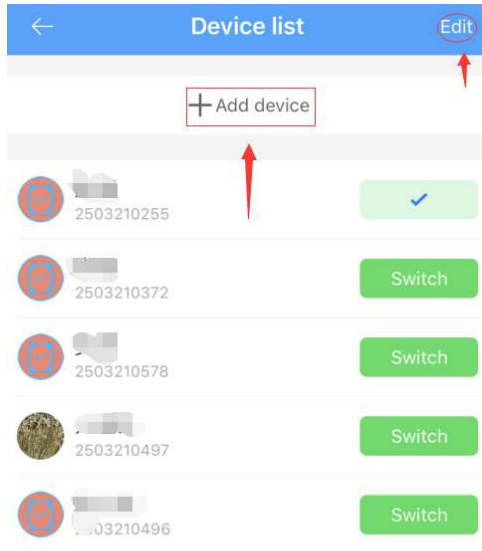
Ok

**Note:** The Registration QR code is the 15-digit registration number found on the QR sticker on the back of the Tracker, it is not the IMEI barcode number.

#### 4. **Add and Delete the device**

1)How to add the device to your account: More——Device list——Add device——put the reg code of Tracker

2)How to delete the device from your account:  
More——Device list——Edit——Delete——Ok

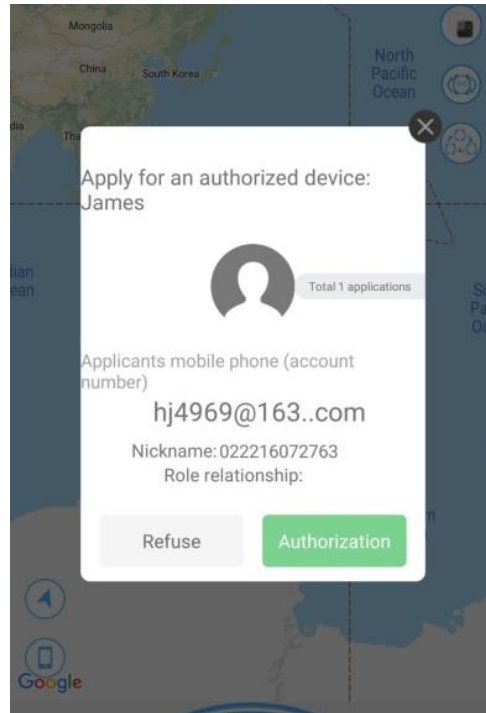


## 5. Adding a secondary administrator account:

The first account created for the GPS Tracker is the primary administrator account. You can add a secondary account to the app for two parents, as an example, to be able to log in. Adding a secondary administrator account requires authorization from the primary administrator, there will be a note when the secondary administrator account wants to add the same GPS tracker, the primary administrator will also receive the authorization notification.

**Note:** One APP account can bind multiple GPS trackers, while one GPS tracker can also be connected with numerous secondary accounts with the authorization from the primary administrator.

The screen below will appear inside your (the main administrator) App account for authorization after the secondary administrator has scanned the same tracker QR code into their App.

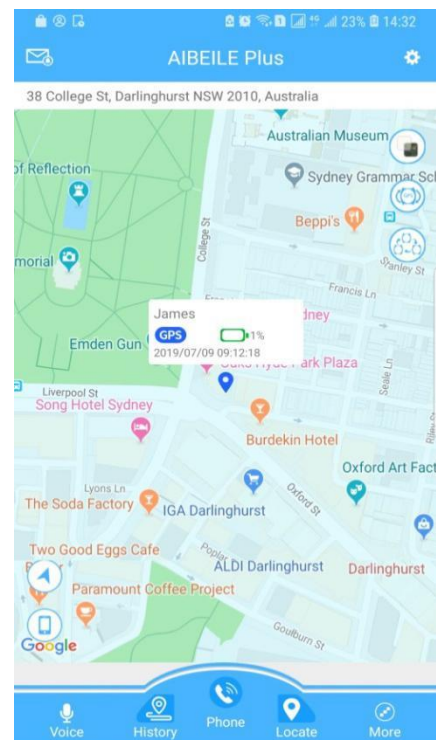


Note: One account can add multiple devices, and one device can be added to multiple accounts

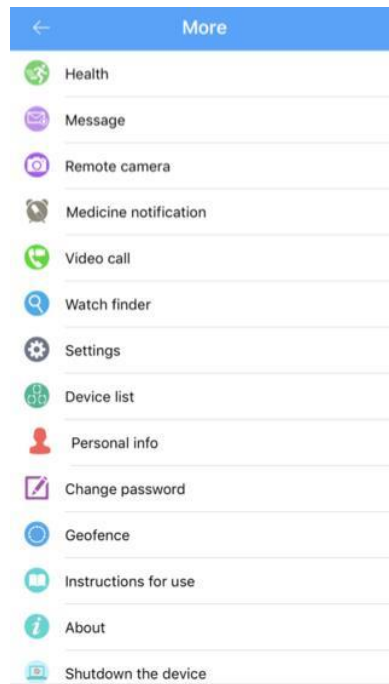
## 6. APP Interface



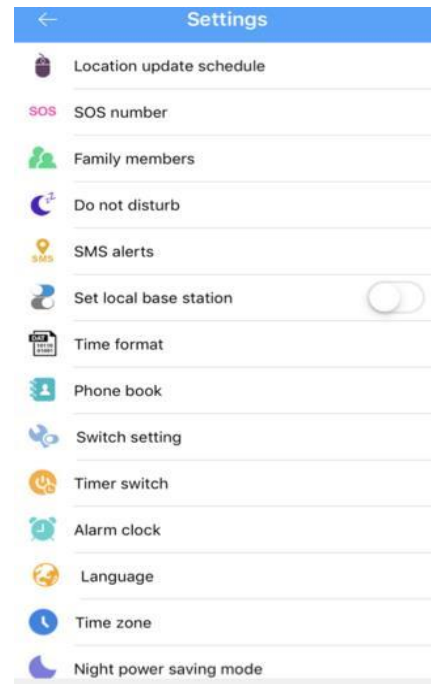
Login screen



Main page with map, click "More"



Click "Settings"



Click "Family Members"

### Declaration:

- If you are removing or tampering with the product casing, the product will void the warranty.
- The manufacturer shall not be liable for the illegal use of the product.
- By using this GPS tracker, you acknowledge that you accept the following precautions terms. If you do not understand or accept any of the precaution terms herein, you should discontinue your use of this GPS Tracker.

### Precautions

1. Do not immerse the product in liquid or chemicals such as salty water and detergents.
2. Do not wear the product in the shower, in case different PH range of shower gel, shampoo, and conditioner, or hot water damages the GPS tracker.
3. Keep the product away from fire, heat and other extreme high-temperature environments;
4. Keep out of children's mouths;
5. Use only 5V chargers or USB ports, because higher voltage may damage the device;
6. Do not directly attach the magnetic charging lead to any metal or conductive objects except the GPS Tracker; otherwise, it may cause the charging head to short circuit.
7. In the case of excessive heating of the battery during charging, immediately disconnect it from the power supply.

8. Before first use, fully charge the battery.
9. If the Tracker heats up when wearing it, immediately take it, and turn the Tracker off either via the tracker settings or in the App.
10. Never connect to a mechanically damaged charger or if the batteries are swollen. Do not use batteries in this condition due to the risk of explosion.
11. When this product is in a de-energized state, and outside the service area, the location function does not work.