Solar GPS Tracker

Scan for App Installation

Important Notes, please attention：

- The company is committed to take technical and management measures to ensure the safety of network information and protect personal information security in accordance with the law according to provisions of laws and regulations **of *Decision on strengthening the protection of network information, The NPC Standing Committee decision on safeguarding Internet Security and Regulations on the management of Internet electronic bulletin service.*** Please use this product legally. The company is not responsible for any illegal use of this product.
- To ensure safety use of this product, please make sure it is not associated by any unauthorized person and timely modify the login password of App and web platform.
- Due to external factors, all GPS devices have position error, the position information provided by this device is only for your reference.
- There may be information delays caused by telecom operators at certain circumstance. Our company doesn't assume any loss of user's personal and property safety caused by the delay.

Main Features：

- GSM four frequency bands +GPS tracking
- Solar power charge automatically (Power on under the sunlight itself.)
- Waterproof IP67
- Timing switch
- Anti-remove alarm
- SOS alarm
- High frequency alarm with loudspeaker
- Historical route display/ Geo-fence
- Voice monitoring
- Low battery alarm/SIM card changing alarm
- High-power LED Warning Light
- Track with Web platform/ APP/ WeChat/ SMS commands

Accessories:

- **A solar GPS tracker host**
- **A plastic collar holder (optional)**
- **A strong magnet holder (optional)**
- **A magnetic USB charging cable**
- **A user manual**

Product Specifications:

- GSM：850/900/1800/1900MHz
- GPRS Standard：Class 12, TCP/IP
- GPS locating time： 30sec with cold start (open sky)
  29sec with warm start (open sky)
  5sec with hot start (open sky)
- GPS positioning accuracy：10-15m (open sky)
- WIFI positioning accuracy：10-100m (accuracy depends on google map database)
- LBS positioning accuracy: 100-1000m
- Working temperature：-20℃～+70℃
- Working humidity：5%～95% RH
- Device dimension：97(length)x69(width) x31(height) mm
- Device host net weight：255g
- Battery capacity：9000mA

Product structure diagram

The product consists of hardware device and Apps in Smartphone, only with both of which can user make full use of this solar powered GPS tracker.

Hardware Operating Instructions

Step 1. Preparation before use：

The device requests to choose 2G GSM network-based Micro-SIM card (same as that for iPhone 4). Besides, please make sure following two points:

a. The device is power off when inserting or taking off the SIM card；

b. The GPRS data plan and Caller ID service should be activated and PIN code turned off.

Step 2. Host power on/off:

1. Open the sim card slot with tool, insert a sim card according to the instruction direction, cover the sim slot and fasten it with screw to ensure the waterproof work well；

2. Press the Power Button for 3 - 5sec, it powers on when the side blue and red indicator lights on and with a ringtone.

3.If there is no sim card inside, press the Power Button 3 times, it powers off with a ringtone, if there is a sim card inside, the device can be powered off only by App.

LED Indicator light instructions：

Light	Function	Slow flash	Fast flash	Off
Blue	GPS indicator	GPS search	Success	GPS sleep
Red	GSM indicator	GSM search	Success	GSM sleep
White	led light, blink and always-on mode with app settings.			

Step 3：Communication and SOS

How to answer a coming call?

When a call comes, the device will auto-answer; it will reject the call when press power button. (Notes: Default mode is "Auto-answer". For "Silent mode", user can set from APP.)

How to dial out numbers?

Before dialing out telephone numbers, user must set SOS numbers in APP.

Press button "SOS" for 5 secs, the device will make calls to all SOS numbers one by one, until someone answers the call. Otherwise, the device will make calls circularly twice

Alarm sound setting：

1.Loudspeaker beeps every two seconds and lasts 2 minutes later until the next alarm triggered. Use App or press the power button shortly to turn off the alarm sound.

2. Loudspeaker beeps continuously for 2 minutes, Use App or press the power button shortly to turn off the alarm sound.

3.Two operation models of loudspeaker: active work and passive work

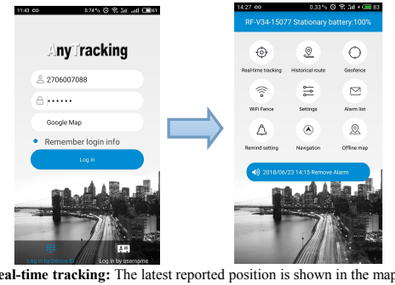
a. Active work: Activated by App, the alarm starts;

b. Passive work: Work with other functions together.

App Operation Instructions

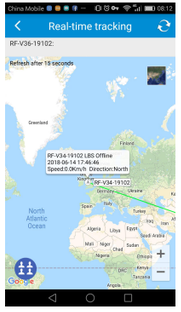
Apps installation and functions setting

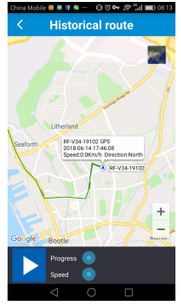
- Scan the QR code on manual cover or search for **"Anytracking"** in Apple store or Google play store and download the App. (Note: In the process of installing, choose "trust" or "allow" when tips out to ask user to choose whether trust and allow the program to visit phone location otherwise, user can't get a better App using effects.)
- After installation, as photos below, please choose login with device **ID No.** which can be found on the device back label and default password is "123456".
- Make sure the device App status is "online" when you set commands via the App.



- **Real-time tracking:** The latest reported position is shown in the map, to renew the location, user can press the refresh button on the top right corner, in about 1 minute, the position will be renewed.

- **Historical route:** There are 3 time-period to check device's historical routes. For data and memory limits, currently the Apps only provides any day's route in 90 days.





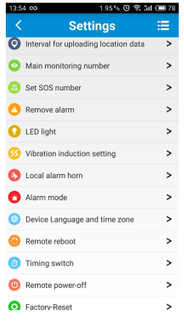
Geo-fence: Set or cancel Geo-fence area. In order to avoid false alarm, user is recommended to set radius of fence more than 500m. Constant press Geo-fence name to edit or delete.

➢ **Settings:** This module mainly for device hardware settings and operations. Please confirm the device is online before making any settings.

✧ **About the device:**
To show the current device information. User can edit device information and save it by press the top right corner button**.**

✧ **Change password:**
To change password of login App, web platform and WeChat location.

✧ **GPS locating interval time:**
The default interval time is uploading location data every 10 minutes, guardian can adjust interval time based on real situation Please pay attention that the shorter interval time you set, the shorter device standby time will be. Usually, we suggest guardian to adjust interval time to 1 minute when searching for device holder and adjust the interval time back to 10 minutes, 1 hour or 12 hours to ensure enough standby time of the device after the monitored object is found.



✧ **Main monitoring number:** Only the main monitoring number can receive SIM card changing and low battery reminders and send commands to set the device via SMS.

✧ **SOS numbers:** To set SOS number for emergent calls.

✧ **Answer modes:** (Alternatively only)
- **Auto-answer:** When a call comes from one of the SOS numbers, the device will ring, after one ring, it answers automatically and user can hear sound around the device.
- **Silent mode:** When a call comes from one of the SOS numbers, the device will not ring, but answer the call directly, it's a one-way communication for voice monitoring.

✧ **Remove alarm:** After turning on this alarm from APP, the device will be in remove alarm mode in 3 minutes. The device will send alerts once removed away, the loudspeaker of the device will make loud alarm to achieve the effect of intimidation.

✧ **LED warning light:** On/off by App

✧ **Loudspeaker alarm:** Activate the device alarm of loudspeaker with 4 modes:
1.The every 2 sec beep alarm sound lasts for 2 minutes after being activated, press power button to stop it;
2.The continuously beep alarm sound lasts for 2 minutes after being activated, press the power button to stop it;
3.Start the loudspeaker alarm actively to find the tracker nearby;
4.The loudspeaker keeps silent even when alarm is triggered.

✧ **Alarm mode:** Before the Remove alarm starts, there are four alarm modes to choose:
1. Alarm only to App; 2. Alarm notification to App and a call to main monitor number; 3. Alarm notification to App and send SMS to main monitor number; 4. Alarm notification to App, make a call and send SMS to main monitor number.

✧ **Soft time zone:** If used in China, the device needs no setting for time zone, while used abroad, user can set accordingly in App.

✧ **Device language and time zone**: Chinese and English are available for alarm SMS;
Time zone: Enter user's right time zone.

✧ **Timer switch function:** User can set two combinations of timing switch. To save data plan and battery standby, this function enables the device to turn on and off automatically.

Notes :After turning on this function, the "Automatic power on" will be closed while the device is recharging.

✧ **Remote reboot:** If the device works abnormally, user can reboot the device remotely via App.

✧ **Remote power-off:** Via App to power off the device remotely. Be careful to use it, as the device can't be remotely powered on after using this function.

➢ **Alarm list:** To show historical list of alarm information.

➢ **Remind setting:** When alarm triggered, to set whether App receives it and how to reminder, with phone ringtone, vibration or not.

➢ **Logout: Logout from App, do not receive any alarms from App.**

For locating information via webpage platform, please visit our website: www.gps123.org

FAQ:

Q: After inserting SIM card, the device can make phone calls, but it says "not enable" on both web platform and App.

A: 1. Please confirm the device can send SMS and make calls after inserting SIM card. (Note: locating may fail when SIM card fees owed)

2. APN data is incorrect, you need configure the APN data as below steps:

1) Set main monitor number by sending SMS command: **pw,123456,center,phone number#** to the device No.
For example: Your phone number is 13711223344, then the SMS command is : ***pw,123456,center,13711223344#***

2)The APN configure SMS command is:
apn,apndata,user name,user password,network code#

3)For example: The AT&T APN data is ***wap.cingular***
The user name is ***wap@cingulargprs.com,***
The user password is ***cingular1***,
The network code is ***310410***, (mcc:310,mnc,410)
Then the APN configure SMS text is:***apn,wap.cingular, wap@cingulargprs.com,cingular1,310410#***
If the APN has no user name or password, then send SMS command: ***apn,wap.cingular,,,310410#***

4) Reboot the solar powered tracker after getting a SMS reply.

5) If all steps above finished but the device still doesn't work, please ask the SIM card operator for right APN data.

PS: APN reference website：http://wiki.apnchanger.org

Attention: All commands above use lowercase letters, punctuation marks in English style and end with "#".

Notes:

- Please read this user manual before use, to ensure right and safe use of the device;
- In power off state, charging will cause auto-power on, including solar power charging and USB charging. If no sim card inside, the device will reboot constantly.
- Please use this device in a place with strong signal;
- Before use, the device needs to charge with qualified charger for 2-3 hours to get a best use and avoid main host damage. In charging state: Red and blue lights flashing means in charging, red and blue lights keeping on means fully charged.
- Standby time is about 60 days based on default interval time every 10 minutes. (Note: This is based on strong GSM signal and without solar charging status.)
- This device will reboot when network searching failed or with no SIM card in the state of power-on when charging.
- As WIFI tracking data is based on Google WIFI database, the accuracy of WIFI tracking is only a reference. Our company shall not be responsible for position error.
- Though this device has waterproof IP66, we don't suggest user to dip it into water for a long time.
- Please leave the device away from fire, extreme heat, freezing cold and other extreme environment
- This device does not work normally when no battery left or not in a communication network service area.
- The fulfillment of the device's functions relies on GPS network system, GSM telecom network system, GIS system and computer system, etc. It needs to insert SIM card and have internet access with strong network signal for the device work well. For any loss caused by service interruption for failure of network or other force majeure, our company takes no responsibility
- To obey the principle of continuous improvement and sustainable development, the company reserves the right to improve any function and parameters described in this user manual without prior notice.
- The information in this manual is provided under products manufacturing situation. The company and the agent shall not be liable for any special, incidental, indirect damages to the extent permitted by law, no matter what the damage cause is.
- When using this solar powered GPS tracker on cows, sheep or other cattle, user can buy our matched collars to make sure the device solar panel face to the sun as shown in following photos.