4G Long standby GPS Tracker

4G-V55

Important! Please read below statements:

1. Due to external factors all GPS devices have position error, so the position provided by this device just for reference.
2. There may be delays caused by telecom operators at certain circumstance. Our company doesn't assume to take responsibility of loss causes by this delay.

Main features:

- 4G LTE & 3G WCDMA & 2G GSM networks
- Waterproof IP67
- GPS & Beidou Global satellite positioning
- Wi-Fi & LBS indoors positioning
- Web tracking system & App function setting
- 90 days historical route playback
- GPS &Wi-Fi double Geo-fences
- Vibration alarm
- Removal alarm (optional)
- The App alerts
- Device local Buzzer alarm/Ring to find device
- High light LED to find device in darkness
- Heath care with step counting
- Low battery alert/ SIM card changing alert
- One-click for hardware reset

Product specification:

4G-FDD: Band 1/2/3/5/7/8/20/28A
4G-TDD: Band 38/39/40/41
3G-WCDM: Band 1/2/5/8
2G-GSM: Band 2/3/5/8
GPS locating time:30sec with cold boot (open sky)
29sec with warm boot (open sky)
5sec with hot boot (open sky)
GPS positioning accuracy:5-15m (open sky)
Wi-Fi positioning accuracy:15-100m (indoors)
Working temperature:-20℃ ~ +70℃
Working humidity:5% ~ 95% RH
Host size:110(L)*87(W)*60(H)mm
Host Net weight: 609g
Battery capacity: 20000mAh or 30000mAh (optional)

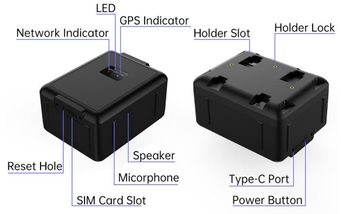
Accessories:

1*GPS tracker host	1*Type-C USB cable
1*User guide	1*Collar holder (optional)
1*Reset pin	1*Magnetic holder (optional)
1*Screw driver	1*Screw holder (optional)

Step 1: Get a new SIM card:

1. Choose a Nano SIM card and activate the SIM card's Cellular data plan, Caller ID display and VoLTE service.
2. Tracking needs consume data, making phone calls also needs charges.
3. Take out the SIM tray from the SIM slot, put the SIM card on the SIM tray as the picture shows.

Step 2: Learn your Tracker device details:



Step 3: SIM card installation and power on

1. Please install a SIM card when the device is off state;
2. Open the Sim card cover with screw driver and insert a SIM card into the slot along with the SIM tray.
3. To ensure waterproof effect, please tighten the SIM slot cover screws.
4. Press 5 to 7 seconds of the power button to turn on it. (The front blue and red indicator light on for 2 secs and release the button.)
5. After the SIM card installed, the device can be powered off only via App settings.

Indicators instructions:

GPS and cell phone network indicator details:

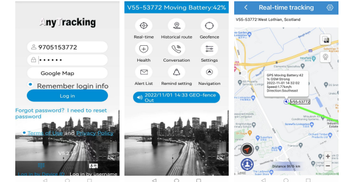
	Color	Status	Meaning
Power on	Red (Network)	Slow flash	Network searching
		Fast flash	Network ok
	Blue (GPS)	Slow flash	In positioning
		Fast flash	Position uploaded
In charging	Red	Slow flash	In charging
		Always on	Fully charged
	Blue	Slow flash	Charger connected
		Slow flash	Charger connected
Low battery: the red indicator slow flash only			

Step 4: Install APP by tracker Guardian

Guardian needs to scan the QR code in last page of this manual with smart phone, download and install the tracking App.

Step 5: Login App

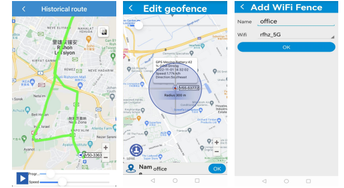
Login the App with the 10 digits ID No. on device back label, default password is 123456.



Step 6: Location check

➢ **Real time tracking and set uploading interval:** Display the last location of GPS tracker. When you login this page, the tracker will uploading the latest location, and press the "interval for uploading" and choose different interval times. Suggest to select 1- or 12-hours interval for daily use. In emergency, change it to 1 minute. Interval affects the battery standby time, please choose accordingly.

➢ **Historical route:** Display the historical route of any day in the latest 90 days. You can choose whether to filter out LBS location data. (Note: LBS means the location data indoors, error maybe large.)



➢ **Geo-fence:** Add, check or cancel Geo-fence.

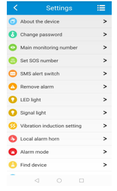
✓ **GPS-fence:** when the device gets into or out of the GPS-fence. The App will get alert. (Note: we suggest the radius of GPS-fence over 500 meters to reduce false alerts.)

✓ **Wi-Fi-fence**: You can set 2 Wi-Fi safe zones, when

device leaves safe zones, the App will give notification. (Some iPhone cannot detect 2.4G Wi-Fi, so this function may not work for them.)

➢ **Health:** You can learn about the health status of animals through the App.
- ✓ **Health Steps:** In APP, turn on the Health Steps function and set the health step count time period, then the tracker will load step data to learn the health of the tracking target.

➢ **Talk:**
- ✓ **Call the tracker:** To make a call to the tracker when click it;
- ✓ **Voice monitoring:** To request a one-way call from tracker to the number you type and hear the sound around tracker.



➢ **Settings:** All settings need to work when App shows device online (Moving or Stationary).
- ✓ **About the device:** Check and edit tracker's information. It is strongly recommended to fill in the App password reset contact number, just in case.
- ✓ **Change password:** Set App and Web password.
- ✓ **Main monitoring number:** The number used for commands sending and SMS alerts receiving.
- ✓ **Set SOS number:** Preset SOS numbers to monitor the sound around tracker when SOS alarm is triggered. (Note: For privacy of tracker user, non-SOS numbers couldn't call the tracker.)
- ✓ **SMS alert switch:** Turn on this setting to enable the tracker to send SMS alerts to main monitoring number.
- ✓ **Take-Off-Device Alert:** After turning on for more than 3 minutes, the device will send alerts when it is taken off from the animal's body with more than 5cm distance. (Optional function)
- ✓ **LED light:** Turn on or off the light then easy to find the animals, there are 2 lighting modes: mode 1 is flash mode; mode 2 is always light on. (This function consumes battery, please set with needs.)
- ✓ **Signal light:** Turn on or off the signal indicator lights on tracker front face;
- ✓ **Vibration sensitiveness setting:** ON /Off by App, there are 4 levels for vibration sensitiveness, level 1 is the most sensitive, level 4 is the most insensitive.
- ✓ **Local alarm horn:** Activate the device local Buzzer alert.
- ✓ **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.
- ✓ **Ring your tracker:** When activate this function, the tracker will send out Beep sound for being found it easily.
- ✓ **Device Language and time zone:** Set tracker SMS alerts' language and time zone. Options are Chinese and English. Generally, the time zone will be updated automatically when the SIM activated.
- ✓ **Remote reboot:** To reboot the tracker from this setting.
- ✓ **Safe mode:** After turning on this setting, only the SOS numbers can call the device. (This function needs the tracker SIM card activate caller ID display service.)
- ✓ **Remote power-off:** To power-off the tracker remotely. After this setting, device can be turned on only manually.
- ✓ **Factory-Reset:** To default the device back to factory settings.

➢ **Alarm list:** To list all alerts sent by tracker.

➢ **Remind setting:** To turn on or off App notifications and modes of them.

➢ **Logout:** Log out from the App, and no more notification will be received from the tracking App.

For more functions of the App and web platform, please login our PC tracking platform:
www.gps123.org.

Step 7: Power off the tracker

1. When no SIM card in the tracker, press the power button for 5 to 7 seconds till two beeper sounds.
2. When a SIM card installed, to avoid wrong operation, tracker can be powered off only via App setting.
3. If a SIM inside but no signal, please take out the SIM card, and press power button 5~7 secs to power off it.

Matters need attention:

◆ Please use the tracker in good network signal area.
◆ For a better performance, please charge the new device for 10 hours.
◆ Standby time: In default location uploading interval 1 hour mode, the standby time is 6~7 months for 20000mAh battery version, and 10~12 months for 30000mAh version. **Note: Above test data is under the status of strong. network.**
◆ To extend battery life, please charge and discharge the tracker fully at least one time every 3 months.
◆ The tracker is waterproof IP67, but we don't suggest to dip it into water for too long time.
◆ Please don't open the tracker shell case, as it may affect the waterproof and lose the warranty right.
◆ The tracker uses Cell tower signal (LBS) or WIFI when indoors, the locating accuracy depends on tracker distance to signal tower and other facts, like metal and surroundings. Due to the restrictions and influences of the use environment, the civil equipment has deviations in positioning which is not a quality problem, and is not subject to quality problems for after-sales processing.

FAQ:

***Q*: When the tracker was crash, cannot be use, how to fix it?**
A: Please follow the steps below.
Press the reset hole briefly with the reset pin (one second), and then charge the tracker, the tracker will power on, in this way the tracker has reset successfully, then remove the USB cable and use the tracker.

***Q*: Device is online, but it shows "wait for the device responses" when you make settings with APP.**
A: a. Device SIM signal is not good with poor data transfer;
b. Device is busy in other process. Please wait a minute and try again.

***Q*: The SIM card has data plan, but the device still shows "Not enabled "or "offline".**
A: Send SMS command "**pw,123456,ts#**" from your own phone to the tracker SIM card number. If the "netid" is "0" in reply SMS, set SIM card's APN as below step. The SIM card APN data haven't been pre-programmed. Please send below command from your own phone to the tracker SIM card number after getting the tracker SIM card's APN data. The command is:
pw,123456,**apn,apndata,username,password,MCC MNC code#**
(Note: The yellow parts are different according to different SIM providers. If user and password are blank, keep the coma. There is no space between them and all letters shall be in lowercase style.)
For example: **pw,123456,apn,internet,,,25605#**

***Q*: After inserting a SIM card, it can get SMS reply, but it displays "Not enabled" on the platform and APP.**
A: Please check the tracker SIM Card has data plan.

Scan QR code for install App
search **Anytracking**
in Google & iOS App store