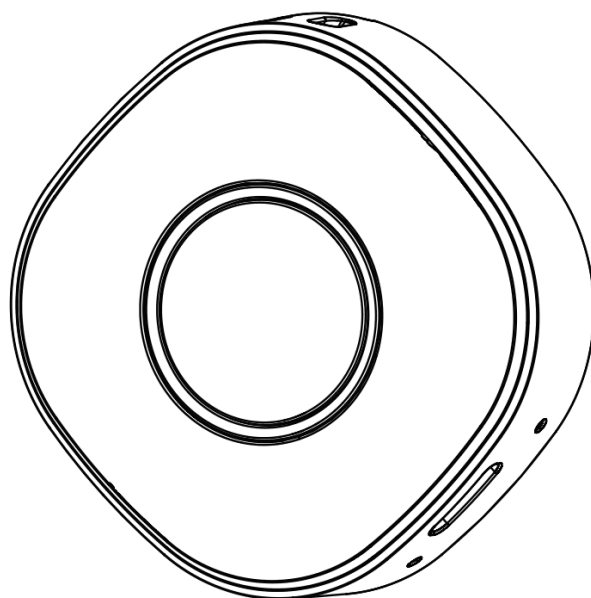


# Portable GNSS Tracker

## Quick Start Guide (Version V1.2)

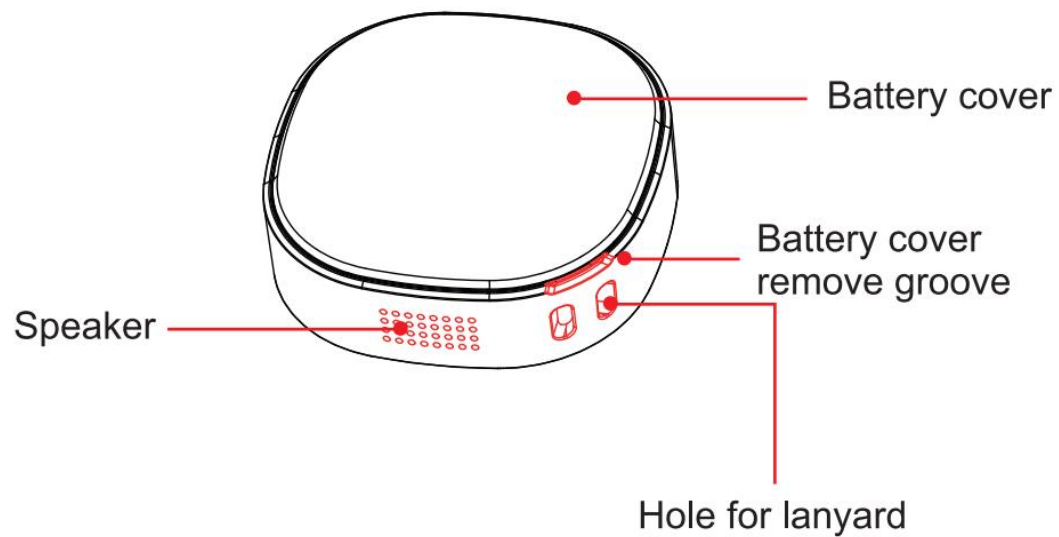
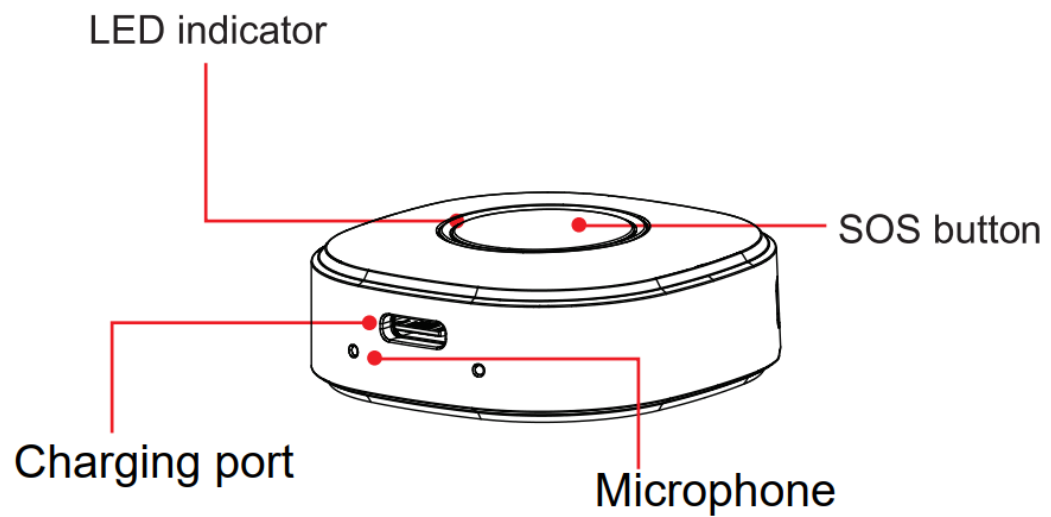


Please read carefully before using.



Product appearance, color and accessories may change without prior notice.

# 1. Overview

## 1.1 Device Overview



## 1.2 Accessories

USB cable	Lanyard
 X1	 X1

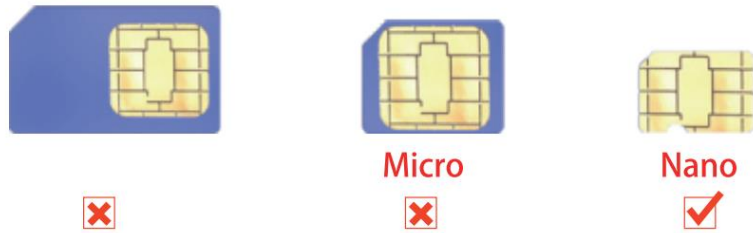
## 1.3 Specifications

Operating temperature	-20°C to +60°C
Battery	650mAh lithium-polymer
Standby	4-6 days
Operating voltage	3.8V
Operating current	40mA
Dimension	45*45*17mm
Weight	33g

## 2. Getting Started

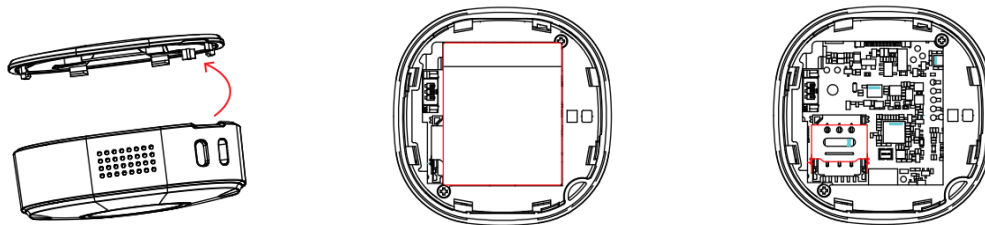
### 2.1 SIM Card

The device requires a Nano-sized SIM card. If you wish to enable the voice call function, please ensure that the SIM card is activated with voice call services.



**Note:** In some regions, the device may use a e-SIM, which does not support removable SIM card.

## 2.2 SIM Card Installation



- ① Open the battery cover.
- ② Remove the battery.
- ③ Insert the SIM card into the slot.

Reinsert the battery, and replace the battery cover, ensuring it is securely closed.

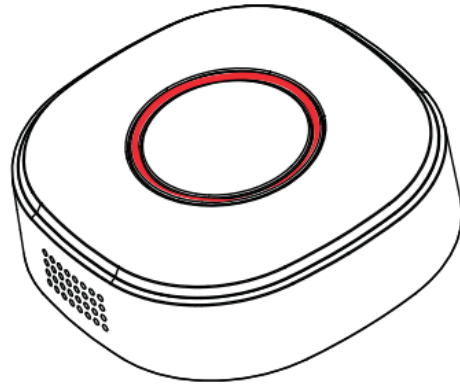
**Note:** Please make sure the SIM card has access to operators' data service. 30MB data plan per month is recommended in normal use.

## 3. Power On/Off

### 3.1 Power On

Press and hold the SOS button for 3 seconds to turn on the device.

During the startup process, the device's red, green, and blue indicator lights will light up alternately.



## **3.2 Power Off**

1) Without SIM card:

Press and hold the SOS button for 3 seconds.

2) With SIM card:

Short press the SOS button 5 times.

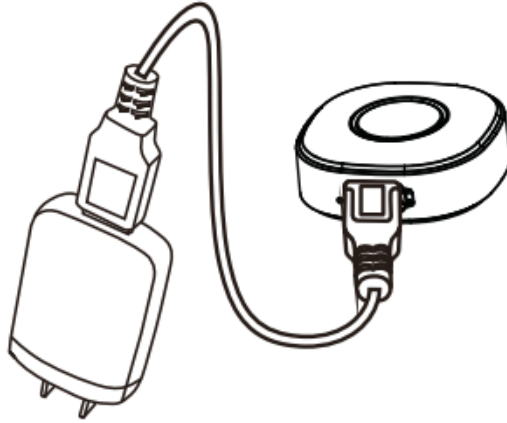
For power on failure, please ensure the battery is inserted correctly and then charge it.

## **3.3 Battery Charging**

Connect the device with the charger,

1) Device is charging if red indicator is always on;

2) Red indicator flickers slowly if device is fully charged.



**Note:** It takes about 2.5 hours to fully charge the battery. It is normal that the device goes hot during charging.

## 4. Main Functions

### 4.1 SOS

#### 4.1.1 Set SOS Numbers

Send SMS command:

`SOS,A,PhoneNo.1,PhoneNo.2,PhoneNo.3,PhoneNo.4#`

**Note:** Up to 4 SOS numbers can be preset. This process can also be done through the APP or web platform (see Section 5.1).

#### 4.1.2 Delete SOS Numbers

Send SMS command:

`SOS,D,PhoneNo.1,PhoneNo.2,PhoneNo.3,PhoneNo.4#`

#### 4.1.3 Check Current SOS Number Setting

Send SMS command: `SOS#`

Respond      example:      `SOS1:12352***,      SOS2:132532***,`  
`SOS3:135323***, SOS4:135334***`

In an emergency, press and hold the SOS button for 3 seconds or more. The device will first send an SOS message to the preset SOS contact numbers and then sequentially dial these numbers in rotation (three times in total) or until the call is answered. An alert notification will also be sent to the designated platform.

Short press the SOS button to answer an incoming call or long press to reject it. You can short press the SOS button to end an active call.

**Note:**

1. Up to 15 phone numbers can be configured in the device's whitelist via the designated mobile app or platform. Only calls originating from numbers in the whitelist will be connected to the device.

2. Please ensure that the SIM card is activated with voice call services, if you want to enable the emergency call function.

## 4.2 Voice Monitoring

Send the SMS command "**MONITOR#**" to the device via a preset SOS number, the device will reply with "OK" upon receiving the command and then initiate a call back to the SOS number. Once the connection is established, the remote listen-in feature is activated, allowing the caller (at the SOS number) to monitor the

ambient audio surrounding the device.

If data connectivity (GPRS/LTE) is unavailable or the designated app cannot be used, send the SMS command "**POSITION#**" to the device via a preset SOS number. The device will respond via SMS with its approximate location based on cellular network information. If the device successfully acquires a GPS position fix within 2 minutes of receiving the command, it will send a subsequent SMS containing the precise GPS coordinates to the sending SOS.

### **4.3 Two-way Talk**

- 1). Press and hold the SOS button to dial a preset SOS number. Once the call is connected, you can communicate directly with the contact at the SOS number.
- 2). Use the mobile phone (at the preset SOS number) to initiate a call to the device. When the connection is established, the device rings and its green indicator flashes. You can short press the SOS button to answer the call.

### **4.4 Voice Record**

Send the SMS command "**LY,A#**" to the device to activate voice recording function.



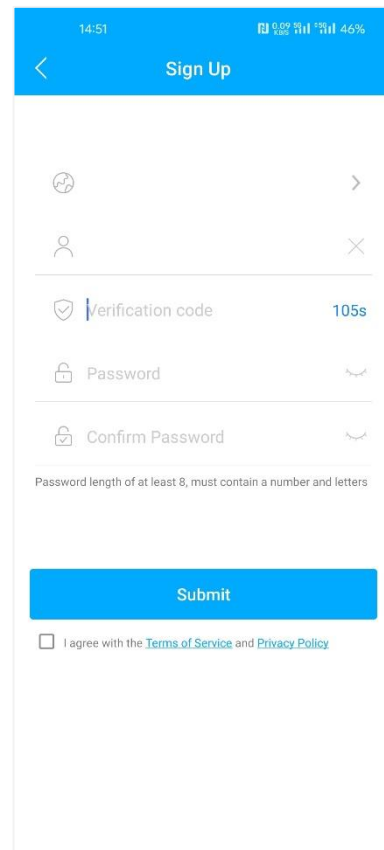
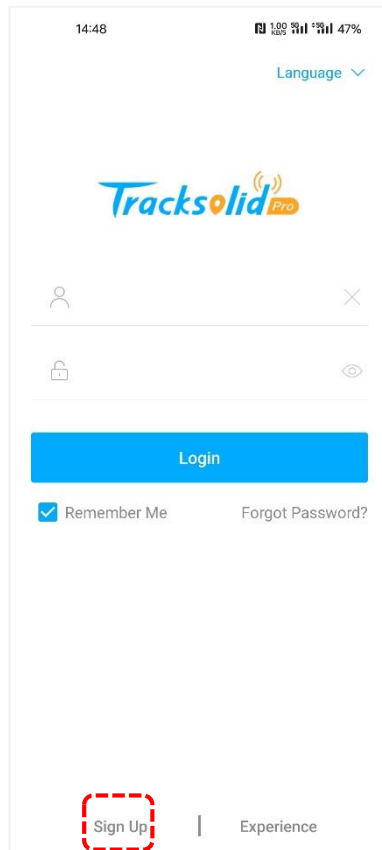
"A" indicates the recording duration in seconds, ranging from 30–600 (seconds).

## 5. Mobile APP

### 5.1 APP Introduction

The "Tracksolid Pro" mobile app and web platform enable real-time location monitoring, SOS number configuration, and device management. You can search for "Tracksolid Pro" on the APP Store (iOS) or Google Play (Android) to download and install the app.

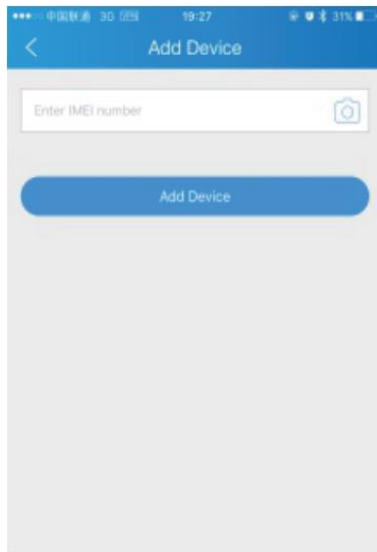
- 1). Tap **Sign Up** at the bottom. Then enter your valid email address to complete registration.



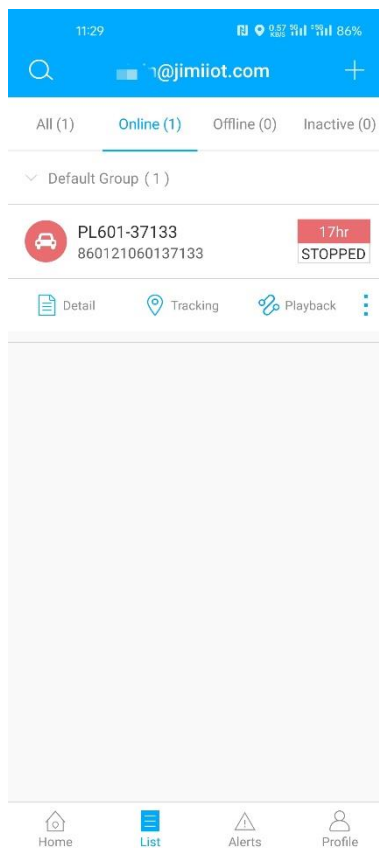
2). To add a device, tap the plus icon (+) in the upper-right corner.



3). Enter the device's IMEI number.



4). If the device has an active LTE cellular connection, it will appear in the **Online** list.



## 5.2 Working Modes

Configure the device's working mode via the APP:

- 1). Intelligent mode: The device activates its GNSS only when motion is detected and enters low-power sleep mode when stationary.
- 2). Timing mode: The device wakes up at user-defined intervals to acquire and update its location information and then returns to standby after each update.

## 5.3 Getting a GPS Fix

To get a first-time GPS fix, place the device outdoors or near a window with clear sky visibility.

This may take a few minutes (duration varies by environment).

## 6. Battery Safety

Please use battery that are specified by the manufacturer of the device. The manufacturer will assume no repair liabilities for damages resulting from the use of non-original accessories.

- Avoid metal objects as they may cause short circuits on battery contacts.

- Do not bend or forcibly open the battery.
- Do not soak the battery in water or expose it to fire.
- It is forbidden to use batteries that are deformed, discolored, spilled, or package-damaged.
- It is forbidden to disassemble or modify the battery.

## 7. SAR Warning

The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types Portable products (FCC ID:2AMLF-P6401) has also been tested against this SAR limit.

The highest SAR value reported under this standard during product certification for use at the body is 0.95W/kg.

This device was tested for typical body-worn operations with the back of the product kept 0mm from the body.

To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm separation distance between the user's body and the back of the product.

The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and

should be avoided.

## **8. Warranty Instructions and Service**

1.The warranty is valid only when the warranty card is properly completed, and upon presentation of the proof of purchase consisting of original invoice indicating the date of purchase, model and serial No. of the product. We reserve the right to refuse warranty if this information has been removed or changed after the original purchase of the product from the dealer.

2.Our obligations are limited to repair of the defect or replacement of the defective part or at its discretion replacement of the product itself.

3.Warranty repairs must be carried out by our Authorized Service Centre. Warranty cover will be void, even if a repair has been attempted by any unauthorized service center.

4.Repair or replacement under the terms of this warranty does not provide right to extension or renewal of the warranty period.

5. The warranty is not applicable to cases other than defects in material, design and workmanship.

**Maintenance Record**

Date		Serviced By	
Product Model			
IMEI Number			
Fault Description			
Comments			