1. Inside the Box
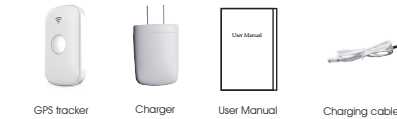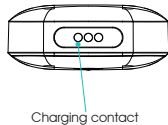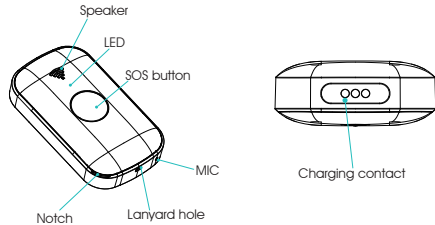

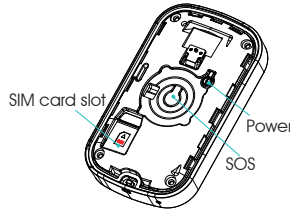GPS tracker   Charger   User Manual   Charging cable

Pictures are for indication and illustration purposes only.

NOTE: After opening the packing box, please check if the accessories are complete. If there is anything missing, please contact your distributor.
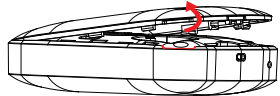
Speaker
LED
SOS button
MIC
Notch
Lanyard hole
Charging contact

2. GPS Tracker Overview

SIM card slot
Power
SOS

Specifications

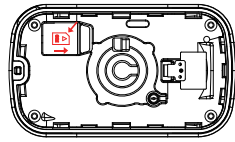|	
GSM frequency	850/900/1800/1900 MHz
Voice monitor range	≤5 meters
Button	1xSOS, 1xPower On/Off
Working voltage/current	3.7VDC/60mA lithium polymer battery
Charger voltage/current	5VDC/1A
Operating temperature	−20℃～ 70℃
Battery	900mAh/3.8V
Working time	6 days (Wi-Fi positioning, location data uploaded at 10 minutes interval)
Waterproof grade	IPx5
Dimension	69.0(L)*41.0(W)*16.0(H)mm
Weight	70g

3. SIM card

Micro   Nano

3.1 Insert the SIM card

1). SIM should be inserted correctly.
2). SIM card should have GPRS service.
3). Please power off the device when you insert the SIM card.

Find the notch and remove the cover.

Find the card slot and insert the SIM card as the picture shows.
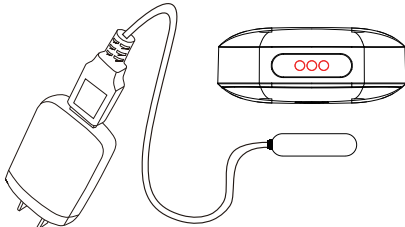
4. LED Indication

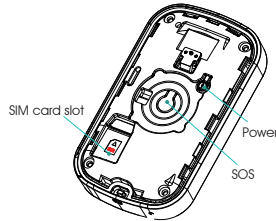| Status	🟢	🔴	🟡
Flicker quickly	GSM searching	No network No SIM card	GPS is not positioning
Flicker slowly	GPRS is connected	Low battery	GPRS offline
Solid bright	Full charge/ Call in/Call out/ Calling	Power on/ Device malfunction	Charging

Note: When LED sleeps, press SOS button to wake up LED.

5. Charging

Connect the device to the original charging connector and charging cable.

6. Button

SIM card slot
Power
SOS

6.1 SOS button

When device power on (LED is on):   press it for 3 seconds to trigger SOS alarm.
When LED is off, momentarily press it to wake up LED.
When LED is on, press it twice to upload location data to platform.
Momentarily press it to answer call and hang up.

6.2 Power button

Press it for 3 seconds to power on device.
When device power on:
1) Without SIM card: press it for 3 seconds to shutdown device
2) Momentarily press it for 5 times to shutdown the device compulsorily.

Note:
Press the power button and device with SIM card will not be able to power off. In this case, please turn to platform/APP to power off the device.
Please power off device before you remove the SIM card.

7. Parameters & Functions

7.1 APN setting

Please send SMS command to the number of terminal so as to set up the APN parameter. The terminal will reply "OK" automatically after setting successfully.
Send SMS command: APN,APN name#
e.g: APN,internet#

NOTE:
The APN of some countries have user name and password, you may need to send SMS command as following:
Send SMS command: APN,APN name,user name,password#
e.g: APN,internet,CLIENTE,AMENA#

7.2 Set SOS Number

(1) Add SOS number
SMS command:
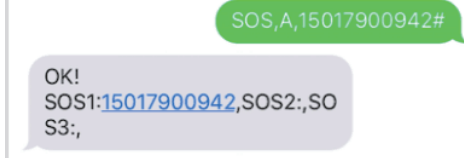SOS, A,number1,number2,number3 #(A means add number).
You could set 3 SOS numbers in maximum. If set successfully, the terminal will reply "OK".
e.g: SOS,A, 13510****60,135116****6,136126****8# (set all 3 SOS numbers)
SOS,A, 13510****60# (set the first SOS number)
SOS,A, ,135116****6# (set the second SOS number)
SOS,A, , ,136126****8# (set the third SOS number)

SOS,A,15017900942#

OK!
SOS1:15017900942,SOS2:,SOS3:,

(2) Delete SOS Numbers
SMS command:
SOS, D,1,2,3# (D means delete SOS number)
e.g. SOS, D,1# means delete the first number
   SOS, D,3# means delete the third number
If you do not know the sequence number, you can also delete the number by SMS command like this: SOS, D,number#
e.g. SOS, D, 13527852360# means delete this SOS number directly.
It will reply "OK" if the number is deleted successfully.

3) Add SOS numbers via platform
You can set SOS number via the platform after the device is activated.

7.3 White list setting

The device can only answer phone calls from SOS number and white list numbers. White list numbers (15 numbers at most) can also be set by platform.

7.4 Call SOS phone numbers

Press and hold SOS button for over 3 seconds to call preset SOS numbers.
Momentarily press SOS button to answer or hang up.

7.5 Answer phone calls

SMS command:
ANSWER<,A>#
A=0/1 default: 0
0 means momentarily press SOS button to answer the call;
1 means automatically answer the call;

7.6 Two-way talk & Listen-in

Default: two-way talk mode
(1) In two-way talk mode, send SMS command MONITOR# by preset SOS number to the device to monitor.
(2) In listen-in mode
a. Send SMS command MONITOR# by preset SOS number to device to monitor.
b. Use pre-set SOS number to dial the devcie to realize monitoring.

7.7 Record

Send SMS command REC,A# by preset SOS number to the device to record.
A means recording time, range: 10-60 seconds, default: 10 seconds.

7.8 Remote shutdown

Send SMS command SHUTDOWN# by preset SOS number to the device to shut.

7.9 SIM card change alarm

If the SIM card inserted has changed, the device would send a SIM card change alert.

7.10 SOS alarm

Press SOS button for more than 3s to activate SOS alarm. The device will send an location information message to the SOS number and call SOS number.

a. If GPS is located, the terminal will send accurate address information.

b. If the call is answered, the device will stop calling; If no one answered, device will stop after 3 times calling.

7.11 Fall detection alarm

Alerts will be sent when falling detected.

7.12 Mode setting

(1) Mode 1: Locating in a regular time interval (default)
SMS command: MODE,1,T#
T= 60～86400seconds; Default:T=180seconds;
After turned on and sent the first GPS location, the terminal will activate GPS in 30mins. If located, it will send location to platform and turn off GPS automatically. If fail to locate, then GPS will turn off and send LBS location.

(2) Mode 2: Locating according to vibration
SMS command: MODE,2,T#
T= 30～86400seconds; Default:T=30seconds;
In this mode, the terminal will turn on GPS as default.
If GPS locates, the terminal will send first GPS location to the platform. If GPS could not locate, it will upload LBS location.
In this mode, if the terminal does not detect any vibration, GPS will be off. And after it detects vibration, it will start working again.

(3) Deep sleep mode
SMS command: MODE,3,T1,T2#
T1 is the data upload time (HH:MM), default: 08: 00;
T2 is the time interval (hour): 1～24; default: 24;
In this mode, the terminal will be in Deep Sleep mode. It will not connect with the platform. You can press and hold the SOS button to wake up the device.
You can also send above command to set data upload time and upload time interval.

8.Tracking platform/APP

Please login tracking platform or APP of Android/IOS authorized by distributor.

9.Trouble shooting

The following trouble shooting for your reference.

Common problems	Causes	Solutions
Bad signal	Radio waves cannot communi-cate with device when it is used in a bad signal area, like basement or space besides tall building.	Put it in somewhere with good signal
Fails to power on	Low battery	Charging
Fail to connect to the network	SIM card installed incorrectly	Check the SIM card
	The sheet mental of SIM card is dusty	Wipe with a clean wiper.
	Damaged/Invalid SIM card	Contact your internet service provider
	Out of GSM service area	Move back to the GSM service covered area.
	Weak signal	Try again in a strong signal area
Fails to charge	Poor contact	Check the charging cable and connector.

Fail to check location	SIM card has no access to GPRS service	Please contact SIM card sell service to activate GPRS functions
	Overdue SIM card	Recharge
Invalid parameters	No reply	Check network and make sure the SIM card has SMS service
	Parameter format error	Edit parameter again

10. Caution & Notice

1. SOS number should be preset if you are willing to receive alert message.
2. If put indoors or covered, the device may be unable to locate, please take it to open field.
3. Use of the device in the fire or water is strongly prohibited.
4. Do Not bend or disassemble the battery and the device.
5. Please use the original battery. The warranty will be invalid by using any other accessory. The manufacturer will not take any responsibility for any damage caused by not using the original battery.
6. For any questions, please contact the customer service.

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 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 centre.

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.

Date		Serviced by	
Product Model			
IMEI Number			
Fault Descriptions			
Comments			

User Manual

Portable GPS Tracker

Please read this manual carefully before operation. Pictures are for indication and illustration purposes only.