User Guide

GPS Vehicle Tracking Device

Product Overview

Thank you for purchasing portable GPS tracker.It’s for monitoring and protecting vehicle and property with built-in U-blox GPS and GSM/GPRS technology.It also with strong magnet in the rear and 12000mA backup battery.

Accessories:

1X Device
1X USB charge cable
1X User Guide
1X Guarantee Card

Hardware Specification:

Content	Specs.
Mainframe Dimension	122*58*22mm
Net weight	278g
GSM frequencies	850/900/1800/1900Mhz
GPRS	Class12,TCP/IP
GPS chip	UBLOX G7020
Voltage range	3.6-4.2VDC
Standby Current	≤2mAh
GPS locating time	cold start=38s warm start=32s hot start=2s
GPS Accuracy	≤ 10m
GPS sensitivity	-159DB
Work environment temperature	-40℃+80℃
Work environment humidity	20%-80%RH
Battery	Chargeable 12000mAh

Device Installation

It is suggested to stick to the iron of the chassis of the car with its strong magnet.

SIM Card Installation

The SIM card is not included in the package.Any SIM card which support GSM 2G can work and be available from the user's local operator.

Note: Before installing the SIM card,please check if the SIM card has PIN code or not,if yes,please use a cell-phone to unlock the card's PIN code. And make sure it's activated with credits.

Device Charging

For the first time use,please fully charge the battery for around 2-3 hours with the USB charger.

Turn on the device by Inserting Card

Please insert the SIM card in the right direction. You will see the indicator light sparkles,then turn off.That means the SIM card inserted successfully.

After normal turn-on, the platform will upload position in 10 minutes and you can log on the website for checking.

Configuration and Operation by SMS

1.To Set the Center Number

Command: CENTER,000000,phone number#

NOTE:The letters or symbols should be English and the letters should be in capital.

Example:CENTER,000000,0#

※Using your mobile phone,send the above command to the phone number of the device,it will reply: SET CENTER OK!

2.GPRS Setting

In order to use the GPRS function,the user needs to setup the APN by sending SMS command.

--what is APN? Access Point name(APN) is the name used to identify a general packet radio service (GPRS) bearer service in the GSM mobile network. The APN defines the type of service that is provided in the packet data connection.

※Make sure that the SIM card in the tracker supports the GPRS function.

※The APN can be acquired from your local GSM operators.

Command: APN,APN information,user name,password#

Note:Some APN without user name and password,so please leave it blank.

For example: APN,internet,123,456# (with the user name and password)

APN,internet# (without the user name and password)

※ please set it up when the device can not connect with the web platform or the APP.

※ After sending the command,it will reply:APN OK!

3.Set up the SMS Language

Command:LANG,0# (English)
LANG,1# (Chinese)

※The default language is Chinese.
※This is to set up the language of SMS reply content.
※after sending the command,it will reply:LANG OK!

4.Location request

4.1 Reply with coordinates and web link

Command:URL#
The device will reply:the IMEI No,the date,the time,the map link,the longitude and latitude
Example:3568xxxxxxx2219<01-03 14:59:43>
http://maps.google.com/maps?q=N22.669534,E114.011888

※Put the coordinates to Google earth or Google maps,click on search button,then you will find the position.
※Click on the link then the location can be shown directly on Google Map on your mobile phone.

5.Over-Speed Alert

Command: OS,80# (80 is the set-up speed)
OS,OFF# (turn off this function)

※this is to turn on/off the over-speed alarm,speed unit:km/h
※speed range:30-180km
※this function is off by default setting.
※after sending the command,it will reply:OS OK!

6.Listen-in (Voice Monitoring)

Command: JT# (turn on the function)
JT0# (turn off the function)

※ Please call the mobile number in the device, then you can hear what happened around the tracker after you get the SMS reply when turning on this function.

7.Checking Settings

Command:ST#

※The device will reply:
IMEI：888xxxxxxxxx888
VA：0 (Vibration alarm on/ff)
OS: 0 （Over speed alarm on/off）

LA：0（Light perception alarm on/off）
HBT：3(Heartbeat packet time)
LANG:1（language）
JT:OFF(Voice Monitoring on/off)
GMT：E8 (time zone)

Command:QP#
※The device will reply :
IMEI:3568XXXXXXXXX90
APN:cmnet
IP:b.gps903.net/7700
LMT,0#
CENTER:
SOC4：0
GSM:100
GPS:FIXED
BAT:3.9

8.Reboot device

Command:RESET#
※The device will restart itself without changing any settings.

9.Initialization

Command:RFS#
※This is to make all settings back to the factory default,except the IP.
※Only the center number has the right to operate.
※please caution to use.

10.Working Modes

Command:WKMD,2# (sleep mode)
WKMD,1# (SMS mode)
WKMD,0# (safe mode)
※ the default mode is SMS mode.

11. Anti-Fall off Alarm & Light Alarm

Command:LA,ON# (alarm by SMS and Web Platform)
LA,OFF# (alarm off)
※Auto-reply:LA SET OK!
※When the device falling off and the light sensor sensing the light,it will alarm SMS.

How to Connect Device to the Platform for real time tracking via GPRS

Check through PC

Web Platform : www.gps903.net (International)

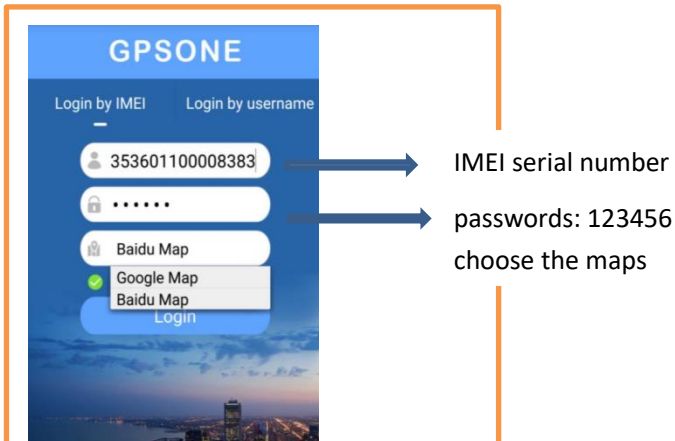
Account: Device IMEI (at the back of the device cover)
Original passwords: 123456

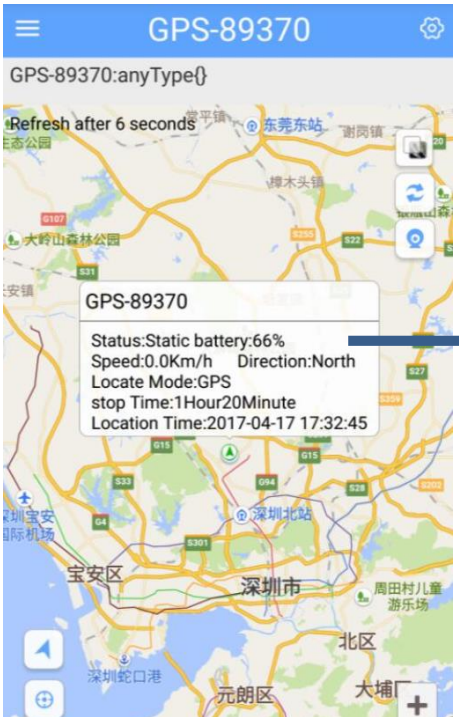
Operations of APP in a Cellular Phone

APP NAME: GPSONE

※please search it in the IOS app store or Google play store or scan the QR code from the web platform

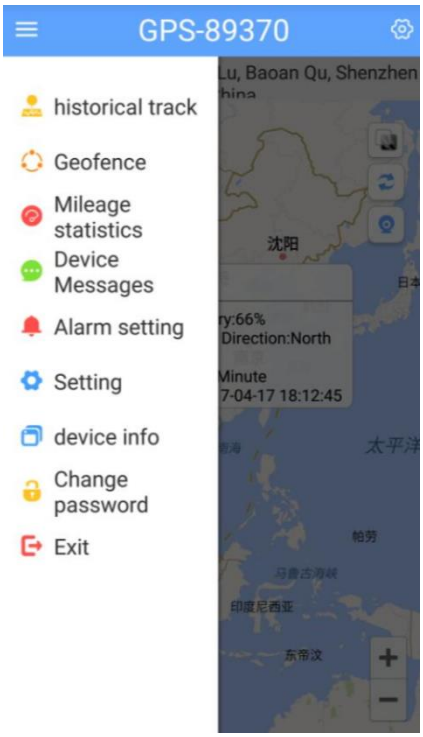
※please login the app as following:



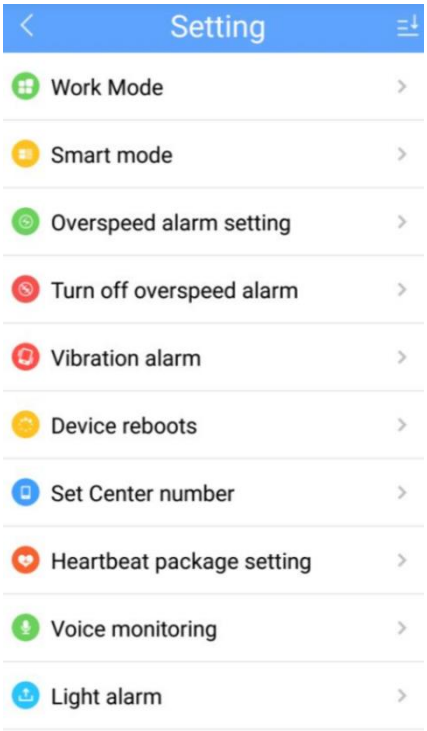


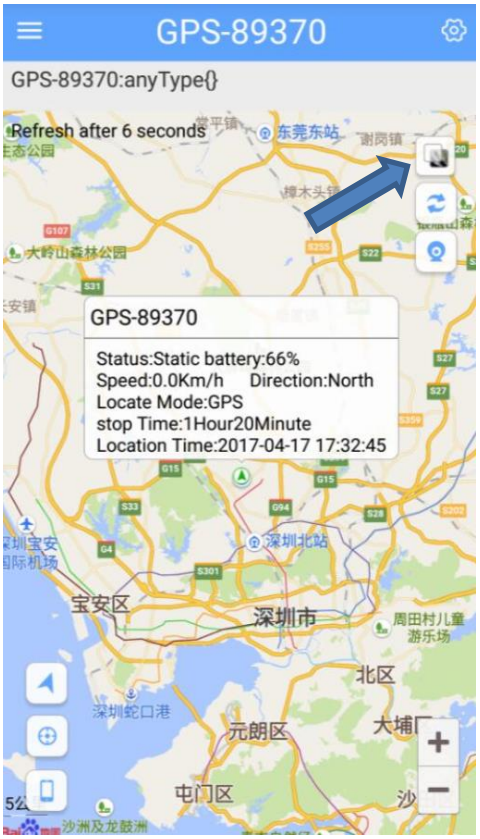
More functions are available after log-in

The remaining battery (FYR)



GPS-89370
GPS-89370:anyType{}
Refresh after 6 seconds
GPS-89370
Status:Static battery:66%
Speed:0.0Km/h Direction:North
Locate Mode:GPS
stop Time:1Hour20Minute
Location Time:2017-04-17 17:32:45
宝安区
深圳市
北区
元朗区
屯门区


Setting
Work Mode
Smart mode
Overspeed alarm setting
Turn off overspeed alarm
Vibration alarm
Device reboots
Set Center number
Heartbeat package setting
Voice monitoring
Light alarm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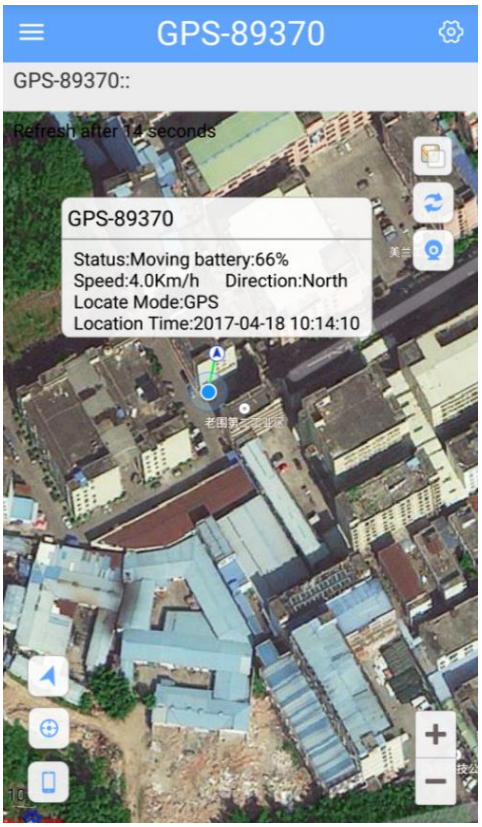
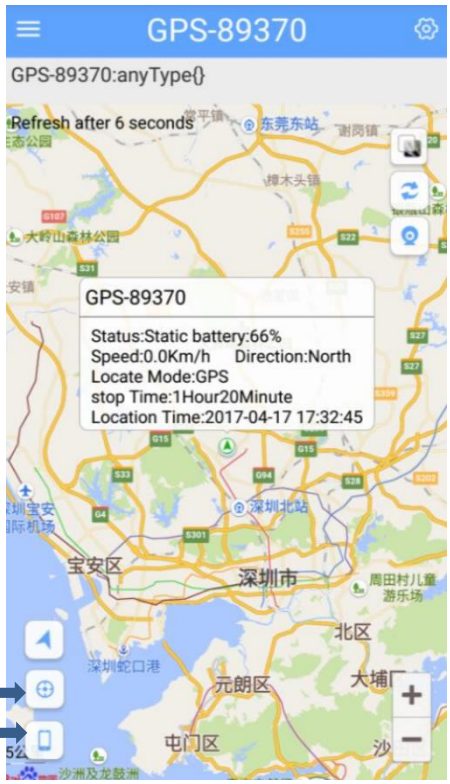

GPS-89370
GPS-89370::
Refresh after 14 seconds
GPS-89370
Status:Moving battery:66%
Speed:4.0Km/h Direction:North
Locate Mode:GPS
Location Time:2017-04-18 10:14:10

Click to get the device's location

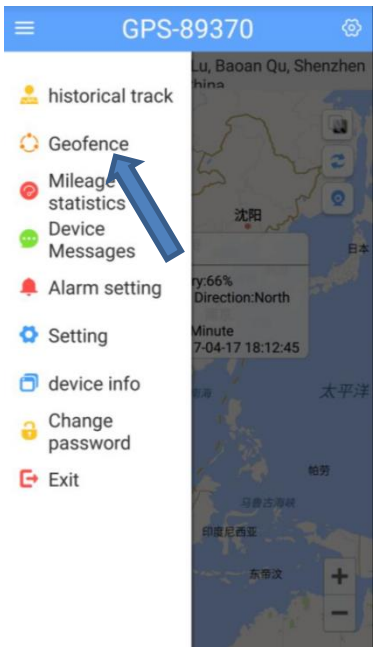
Click to get the Cellular's location

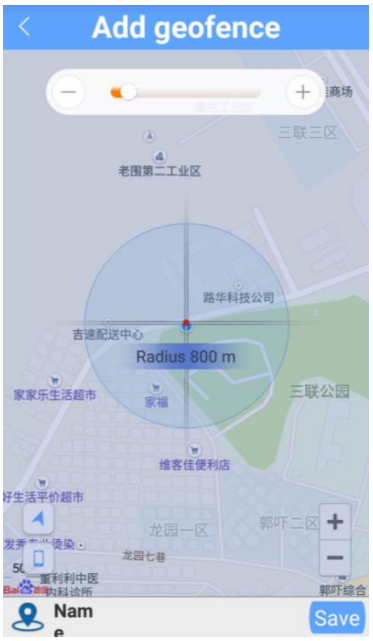


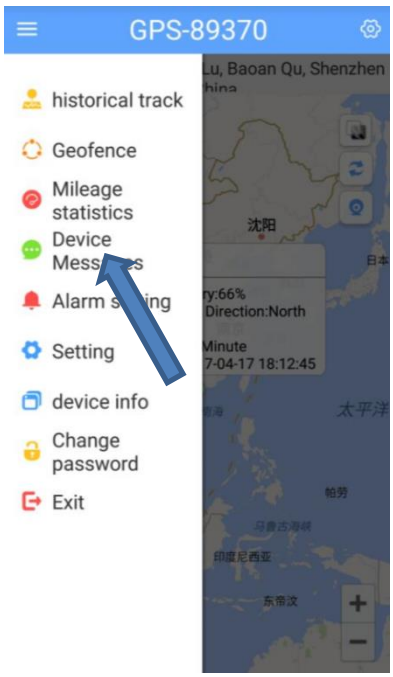
Note:Only when there is a certain distance between the phone and the GPS device,the location will show up respectively.

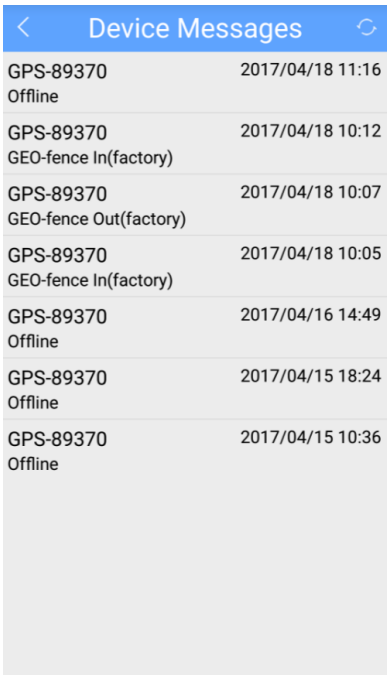
Geo Fence

An electronic fence can be set up after log-in APP or PC. Then you can check the messages from the device messages.









Cautions:

Please comply with the instructions to extend the unit life:

1.Don’t use & store the unit in dusty places.

2.Don’t put the unit in overheated or over cooled places.

3.Clear the unit with a piece of dry cloth. Don’t Clean in chemicals,detergent.

4.Don’t disassemble or refit the unit.

5.Using other batteries will cause unwanted situation.

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR：
The radiated output power of this device is below the FCC radio frequency exposure limits. Nevertheless, the device should be used in such a manner that the potential for human contact is minimized during normal operation.
The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/Kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. To avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna should be minimized.

For body worn operation, this device has been tested and meets the FCC RF exposure.