

# GPS TRACKER USER MANUAL



## REFACE

Thank you for purchasing GPS tracker. This manual shows how to operate the device smoothly in details, please make sure to read this manual carefully before using the device. Please be noted that any update of the manual is made without prior notice. Each time the update of the manual will be released in the latest product sales. The manufacturer won't assume any legal responsibility for any errors or omissions made in this manual.

## 1 SUMMARY

Working based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any remote targets by SMS, APP and Internet. It adopts the most advanced technology of GPS and AGPS dual positioning.

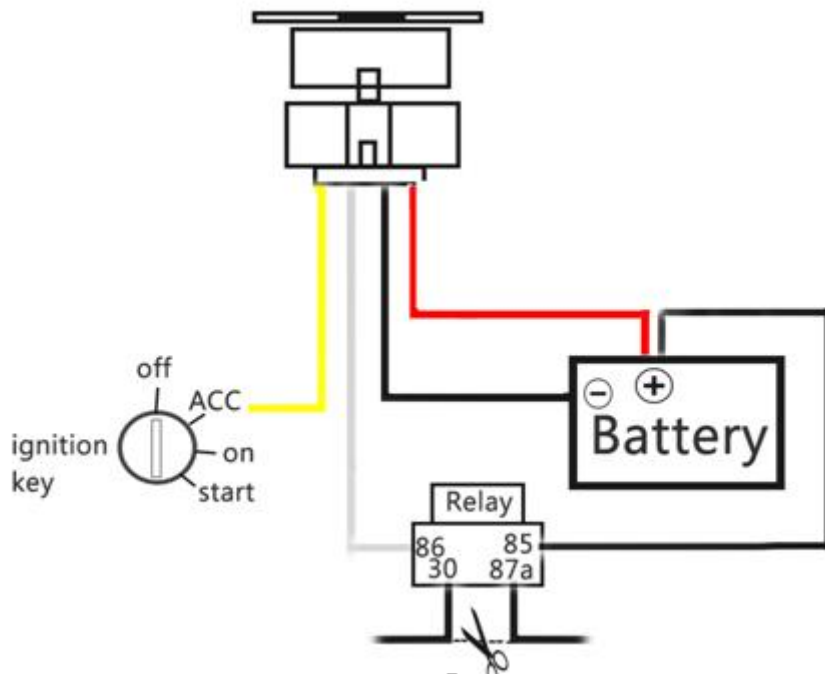
### Specifications

Content	Specs.
Dim.	68mm x 37mm x14mm
Weight	40g
Network	GSM/GPRS
Band	850/900/1800/1900Mhz
GPS sensitivity	-159dBm
GPS accuracy	5m
Work voltage	9V-100v
Time To First Fix	Cold status 45s Warm status 35s Hot status 1s
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

## Main functions

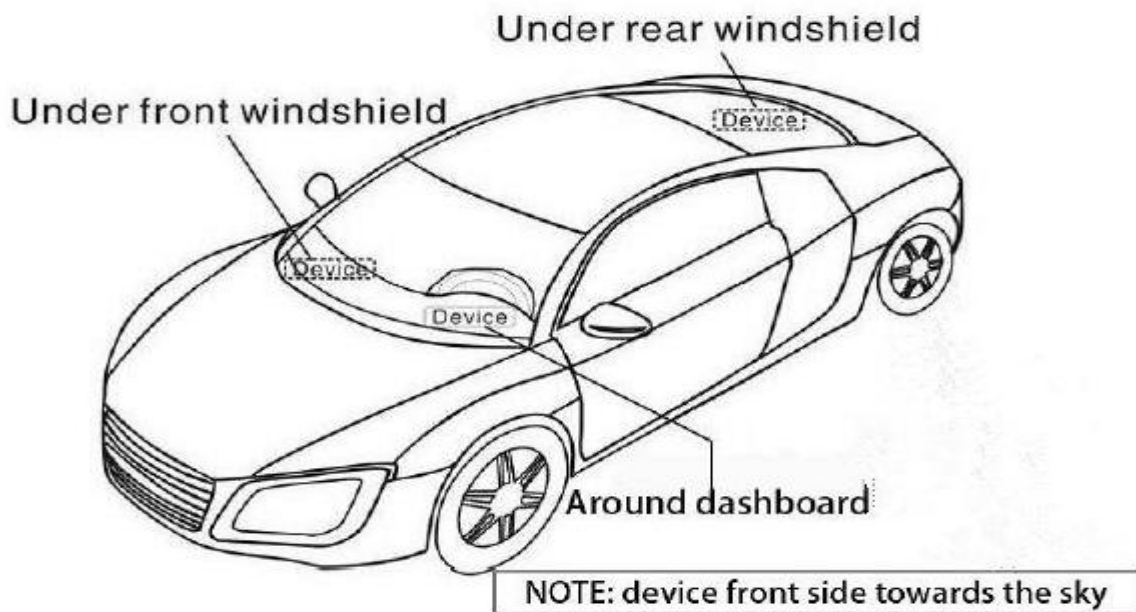
- GSM quad-band frequency;
- Real time tracking by SMS/GPRS;
- Overspeed alarm ;
- ACC alarm
- move alarm
- Cut vehicle oil or circuit (optional).
- Add ACC ignition and flameout inform (optional)
- Add Built-in backup battery to realize power failure alarm( optional)
- Add voltage 9-90V
- Add waterproof and dust proof
- Add add vibration alarm
- Add switch gprs mode and sms mode
- Add AGPS function, receive GPS signals faster

## 2. Hardware Description



2.1) device front side towards the sky. When install in car, if the windscreen glued by metal thermal insulation layer or heating layer, it will reduce the GPS receive signal and lead to GPS work disorder.

The GPS tracker must be installed by professional personnel



INDICATOR LIGHT STATUS	MEANING
green light -Solid	GSM signal connection
green light -Flash	NO GSM connection
Blue light -Solid	GPS signal connection
Blue light -Flash	No GPS or searching gps signal

Note: All leds will turn off after 10 minutes for best hide.if you call the device mobile number,so the led will turn on work again. Connect 12V-36 v voltage of the power supply

### 3. Notices:

1. GPS tracking can be worked outdoor. Must have a mobile phone signal and have GPS signal, can block GPS satellite signal when there are metal and building above the GPS tracker
2. Please make sure GSM SIM card(2G GSM network or compatibility 2G GSM network) supports making calls, sending messages, GPRS network.
3. Please make sure GSM SIM card is with sufficient balance.
4. Please make sure the GSM card has opened the call shows and turned off the call transfer.
5. Please insert the GSM phone card correctly. Cancel the PIN code
6. Do not assembly and disassembly device at will.



### 4. Quick using

- 1) Open the rubber cover, insert the SIM card to the slot.
- 2) turn on small switch to “ON” place.
- 3) Put device outdoor ,connect to power supply 9V/36V ,

4) Dialing device number, it will hang up and receive Google Maps link of position, or sending message “[smslink123456](#)” to mobile number in tracker

## 5. SMS Command instruction

### NOTE:

1)Device default password:123456)

2)use of mobile phones send messages to the tracker about all set command

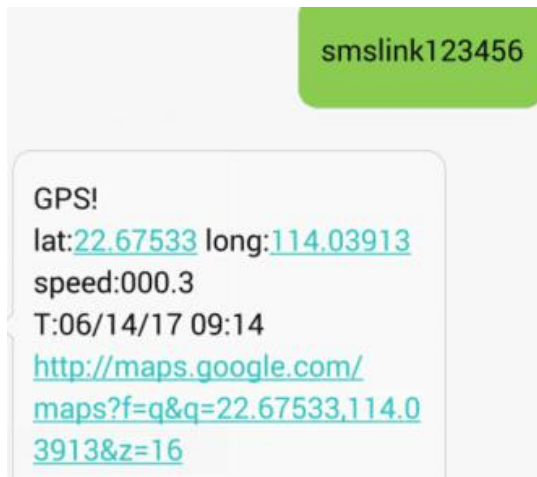
3) The “+” in the command, please don’t type “+”, space means press the space keyboard on your cell phone

4)After admin number setting, all alarm message will send authorization number other cell-phone number send command will not reply

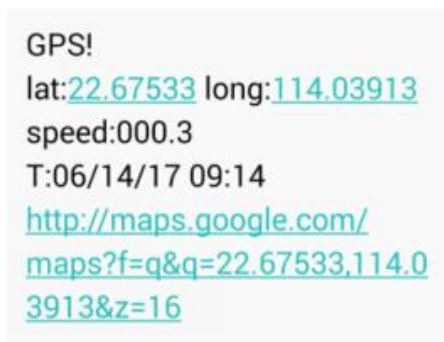
5) If you want standby time longer, pls don't open move alarm, and platform for real-time location tracking.etc

6)The default mode is “GPRS”, Send SMS “[sms+password](#)” to the tracker, and it will reply “sms ok!”close GPRS mode, replace SIM mode

**5.1.** Call the mobile number in tracker, you will receive a Google Maps link of position, or sending message “[smslink123456](#)” to SIM card in tracker .



## EXPLANATION OF PARAMETERS/CODES IN SMS MESSAGE



Pic (1) have gps signal



Pic(2)no gps signal

### Pic 1: Replied real-time tracking information under GPS satellites signal.

◆ **Lat:22.67533 lon:114.03913** Positioning of the latitude and longitude values.

◆ **Spd: 000.3** This refers to the device moving speed. The unit is km/h.

◆ **T:06/14/17 09:14** real-tracking time, the Default is London time. You can set a time zone by sms command

**Google Link:** This is the link to the Google map showing the position of the device.

### Pic 2: Replied LBS information without GPS satellites signal.

◆ **smcc:27a4 1223:** Real-time LBS data.

◆ **Time:08/00/00** LBS positioning time.

If you receive positioning information is picture 2, please go out the outdoor and

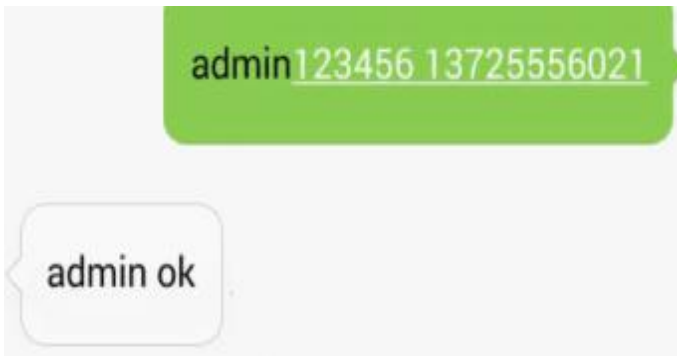
Walk around with gps tracker,for receive The satellite signal

## 5.2. Admin number setting (support 5pcs admin number )

Command: [admin123456+space+ phone number](#) ( This phone number is your own mobile phone number , not the SIM card number in tracker .)

Reply: [admin ok](#)

E.g: [admin123456 13725556021](#)



**Note:** support 5pcs admin number , Set the first authorization number,then use use the first authorization number to set other authorization number, If the authorization number forget or lost, you can send [reset123456](#) to Restore the factory Settings

## Admin number Canceling:

Command : [noadmin123456 13725556021](#)

Reply: [noadmin ok](#)

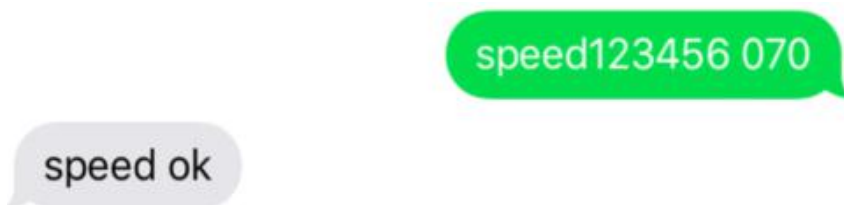
## 5.3. Over-speed Alarm setting ( It works only in continuous positioning mode.)

Over-speed Alarm setting:

Command : [speed123456+space+ speed](#) ( Suppose speed is 70km/h ) note: not less 60KM/H

Reply: [speed ok](#)

E.g:



When the unit speed is over 70km/h, it will send message “speed alarm!” to the



admin number .

### Over-speed Alarm canceling :

Command : `nospeed123456`

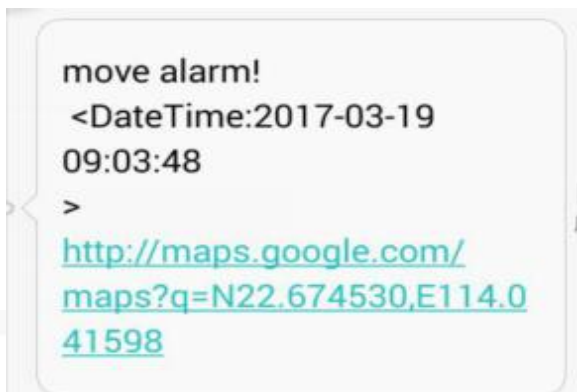
Reply: `nospeed ok`

**5.4. move Alarm setting** (It works only in getting gps signal, the scope is a circle that radius 200meters)

Command: `move123456`

Reply: `move ok`

E.g:



### move alarm Canceling:

Command: `nomove123456`

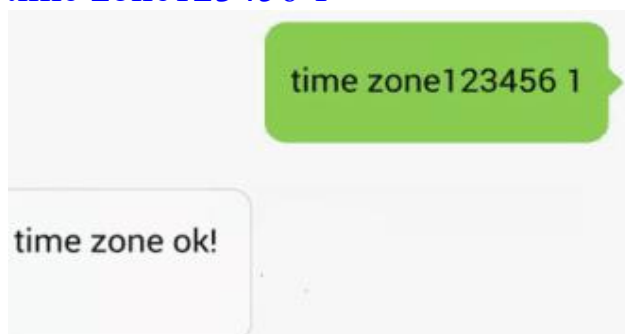
Reply: `nomove ok`

### 5.5 Terminal (local) Time Setting(factory setting GMT 0)

Command: `time +space+zone123456+space +local time zone`

Reply: `time ok!`

E.g: `time zone123456 1`



NOTE:( 1 is east 1, - 1 is west 1, 30 is half the time zone)

## 5.6 cut Power alarm(option, The default do not have this function)

If device have built-in battery.it will send alarm after the power failure, This function activates by default

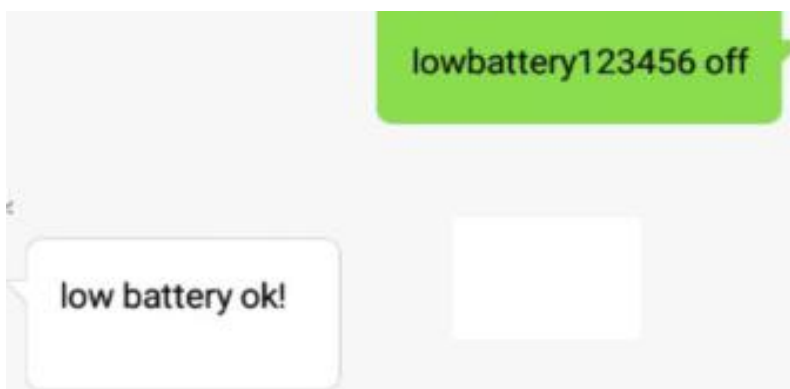
```
cut power alert!  
352887077654321  
17-04-18 13:30:10  
22.675139,N,114.039073,E  
http://maps.google.com/maps?  
q=N22.675139,E114.039073
```

## 5.7 Low battery alarm (option, The default do not have this function)

This function activates by default.it will send alarm once battery lower than 30% leve of full power

### canceling low battery alarm

Command :“[lowbattery+password+space+off](#)”



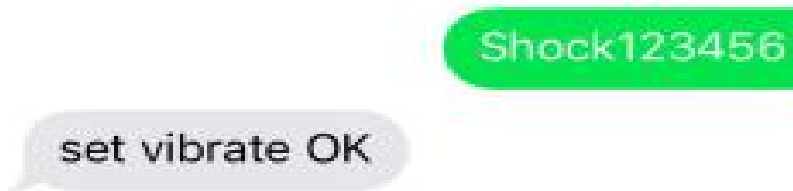
set effective send SMS “[lowbattery+password+space+on](#)”

## 5.8 Set Vibration alarm (built-in g-sensor)

Command: “[shock+password](#)” (After 5mins of static , device is vibration and will

send send Vibrate alarm+latitude&longitude to admin number”)

Reply: set vibrate ok



**canceling Vibration alarm:**

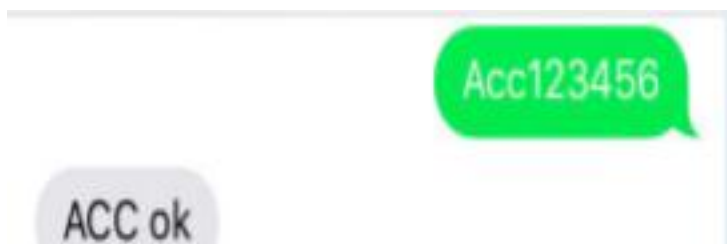
Command: “[noshock+password](#)”

Reply: no vibrate alarm ok

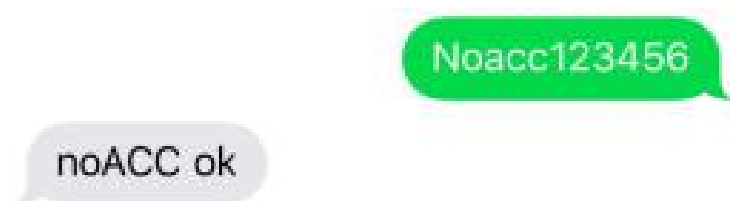
## 5.9 ACC working alarm

1) send "[ACC+password](#)" to tracker to turn on ACC function(tracker will report the Acc status)

E.g:



## 2) Canceling ACC function



## 6.0 Cut off the Oil and Power Setting (option, The default do not have this function)

1) Command: `cut+password` (it will be executed and stop the car when the speed is less than 20KM/H)

Reply : `stop engine succee`

E.g



## 2) resume the Oil and Power System

Command: `resume+password`

Reply : `resume engine succeed`

E.g



## 6.1 device to restart

Command: `reboot123456`

Reply: `after 20s will reboot ok!`

E.G



## 6.2 change Time upload interval( default 10s)

Command: `fix010s***n123456`

Reply: `t010***n ok`

(010 s is every 10 seconds send data to platform)

## 6.3 Change the password

Command: `password123456+space+new password`

Reply :`password OK`

Note: 123456 is the old password(default ),888888 is the new password,it must the 6 digits Arabic numerals

## 6.4 Restore the factory Settings

Command: `reset123456`

Reply: `supervisor instruction setting Factory, ok!`

## 6.5 check device parameter

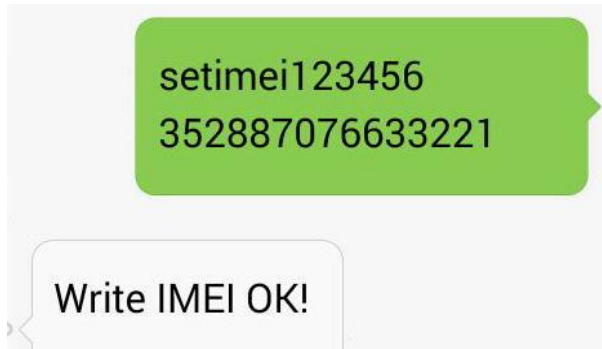
Command: `check123456`

Reply : `device parameter`

## 6.6 change IMEI number

Command: `setimei123456+space +new imei number`

E.G: `setimei123456 352887076633221`



## **7.If you need real-time tracking by APP or websit ,pls Operating as follows**

NOTE:If you need platform position, turn on GPRS model(GPRS model by default)

### **7.1:Suport Andriod & IOS APP tracking**

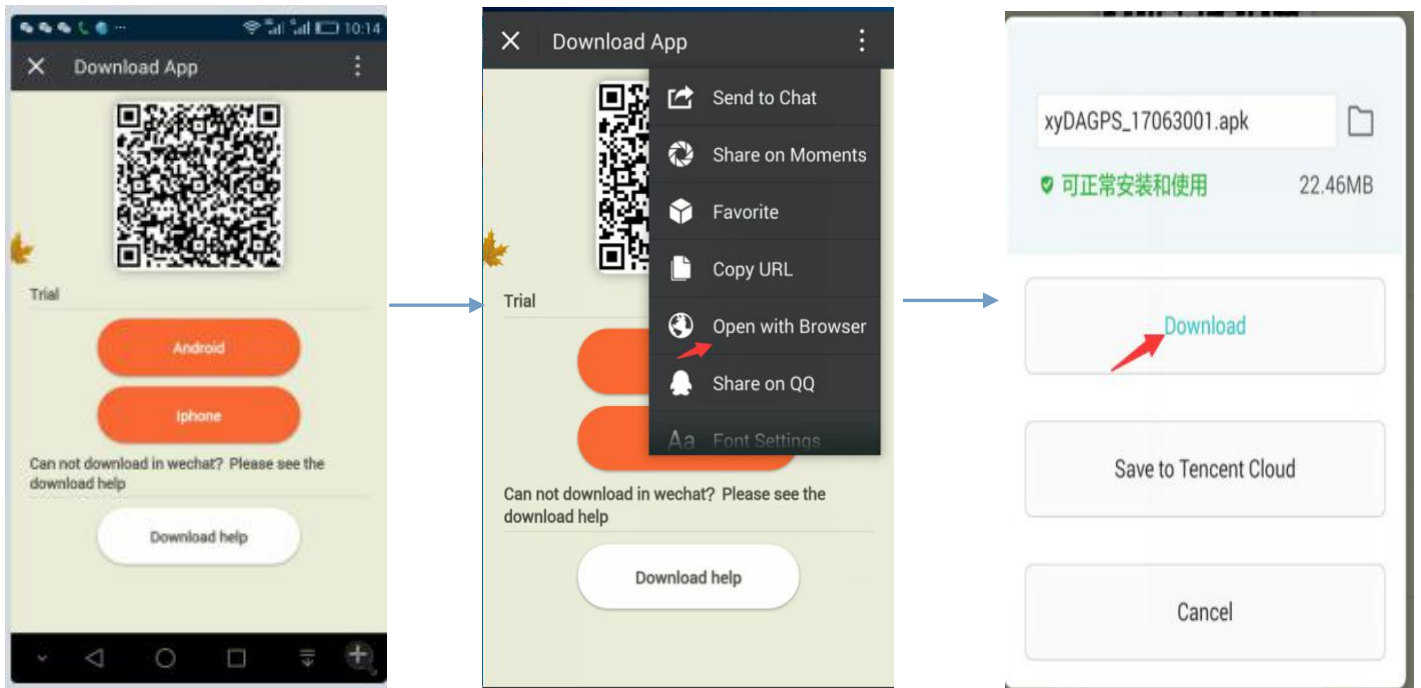


**If you need real-time tracking by APP ,please scan APP on web platform**

**OR Download “[dagps](#)”**

**1).scan QR code---open with browser--- choose Android or**

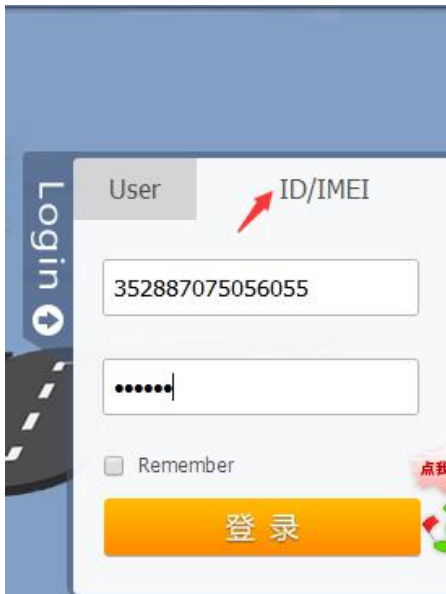
**iphone---Download-- installation app**



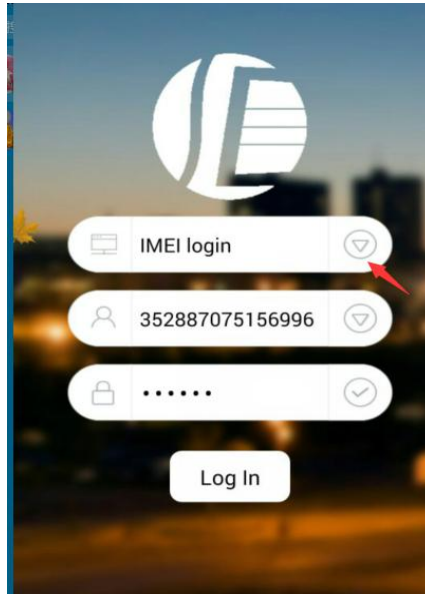
## 7.2: support Website tracking

Open [www.gps110.org](http://www.gps110.org)

Use IMEI login, default password 123456.



PC login



APP login

NOTE:If you insert the correct SIM card and open GPRS, device in outdoor, still not online.Please set the APN [commands](#)

SMS1: [APN123456+space+Apn name](#) ( APN name pls ask the sim card company ,for example tell you the apn name is ABC,so send [APN123456 ABC](#))

If have the APN user name and password, need plus APN user name and password behind the APN name)

Eg:[APN123456+space+APNname+space+APNuser name+space+ APNpassword](#)

If device online in platefrom, no need set apn commands

**8. If use the other platform, start on line tracker**(Use the default platform, don't need to operate 7)

in advance Using mobile phone send SMS commands to device and set online platform (please set DNS and port,set apn)

SMS1: [adminip123456 +space+ip+space+port](#)

or [adminip123456+space +DNS+space+ port](#)

E.g: [adminip123456 www.gps110.org 7018\(www.gps110.org is DNS,7018 is port\)](#)

SMS2: [APN123456+space+Apn name](#) (APN name pls ask the sim card company ,for example tell you the apn name is ABC,so send [APN123456 ABC](#))

If have the APN user name and password, need plus APN user name and password behind the APN name)

Eg:[APN123456+space+APNname+space+APNuser name+space+ APNpassword](#)



If device online in platform, no need set apn commands

## 9. FAQ and processing methods.

FAQ	Instructions/Solutions
Fail to turn it on	Please check if connect to power supply 9V/36V and red light if Solid
No GSM signal	Please check if SIM card installed correctly and have money, if there a mobile phone GSM signal <ul style="list-style-type: none"><li>● Please check if SIM card is 2G or Compatible 2G GSM network.</li></ul> And have to mobile phone signal
No GPS	A more open view of the sky is recommended to make sure the device can receive the GPS signal normally.in outdoor and take device to walk around
No reply to SMS command	Password wrong or the format is wrong. restore factory settings send messages “ <a href="#">reset123456</a> ”
No reply to calling & No alarm	Authorized / admin phone number is incorrect or has not set up
SMS position OK, cannot the APP and web platform	Pls check if APN is correctly set. And set the correct APN

Platform position is difference and the actual position.	position time don't update or no GPS signal: call the device phone number and receive the position message. If it shows like Pic 2, pls make sure the device can receive the GPS signal normally.in outdoor,and take device to walk around, make sure sim normal
--	--