

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.

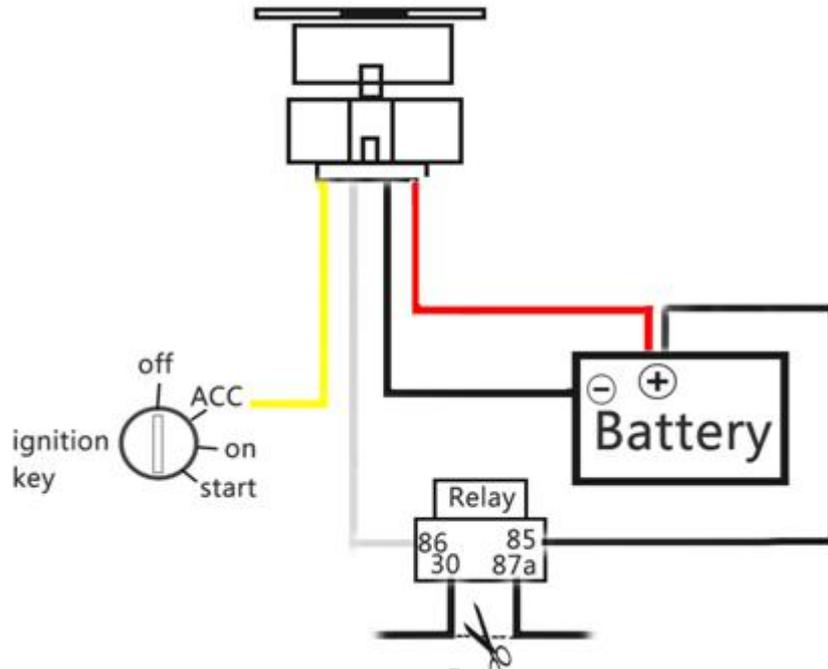
1 SUMMARY

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.	90*46*17mm
Weight	56g
Network	2G GSM/3G WCDMA
Band	GSM850/900/1800/1900MHz / UMTS850/900/1900/2100MHz
GSM chip	MTK
GPS chip	Ublox 7020&8130
GPS sensitivity	-159dBm
GPS accuracy	10m
Time To First Fix	Cold status 45s-85s Warm status 35s Hot status 1s
Work voltage	9-36V
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

2. Hardware Description

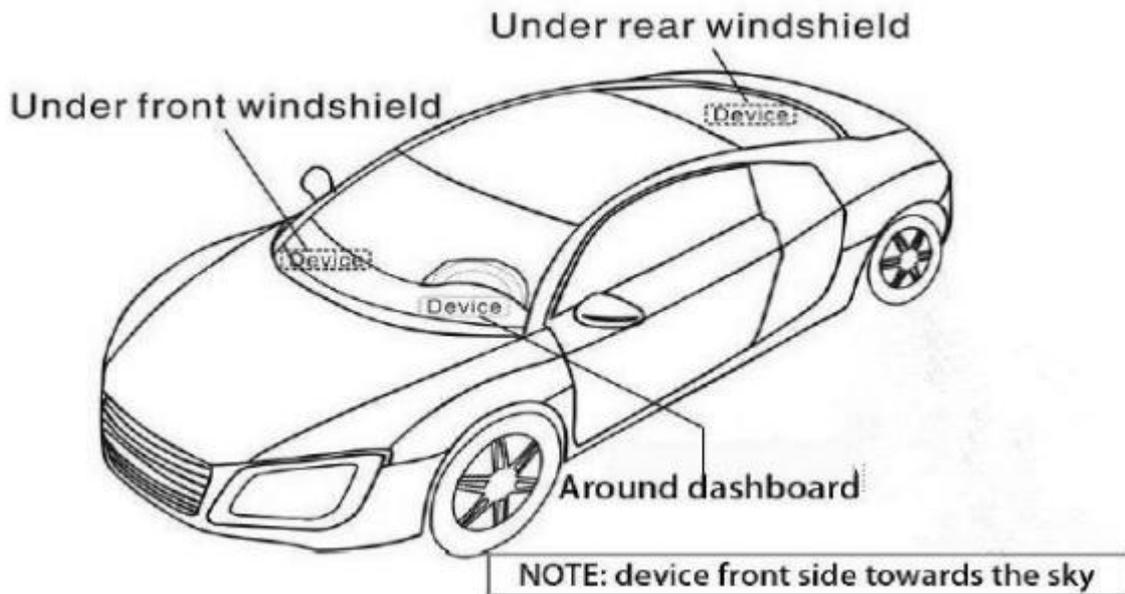


Device default is 2pin connector

- 1) red wire connect power positive+,**
- 2) black wire connect power negative-,**
- 3) Yellow wire connects to ACC (optional 4pin connector)**
- 4) White wire connects to relay white wire (optional 4pin connector)**

2.1) device face up 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 mobile phone gsm signal and have GPS signal, It can block GPS satellite signal when there are metal or building above the GPS tracker etc.

2).Pls make sure 3G WCDMA card or 2G GSM network sim card, supports making calls, sending messages, GPRS network.have money,Cancel the PIN code



4. Quick using

- 1) Put the SIM card into device,take the device to outdoor
- 2) if option backup battery,inscert sim card ,tracker auto power on. no battery,pls connect external power9-36V
- 3) send“[smslink123456](#)” to sim card in tracker ,tracker reply positioning information

EXPLANATION OF PARAMETERS/CODES IN SMS MESSAGE

```
GPS!  
lat:22.67533 long:114.03913  
speed:000.3  
T:06/14/17 09:14  
http://maps.google.com/  
maps?f=q&q=22.67533,114.0  
3913&z=16
```

Pic (1) have gps signal

```
sMcc:460 sMnc:0  
sLac:9755 Cellid:3962  
Time:08/00/00  
Date:00/00/00  
IMEI:  
352887077654321
```

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.
- ◆ **Speed: 000.3** 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:** 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.

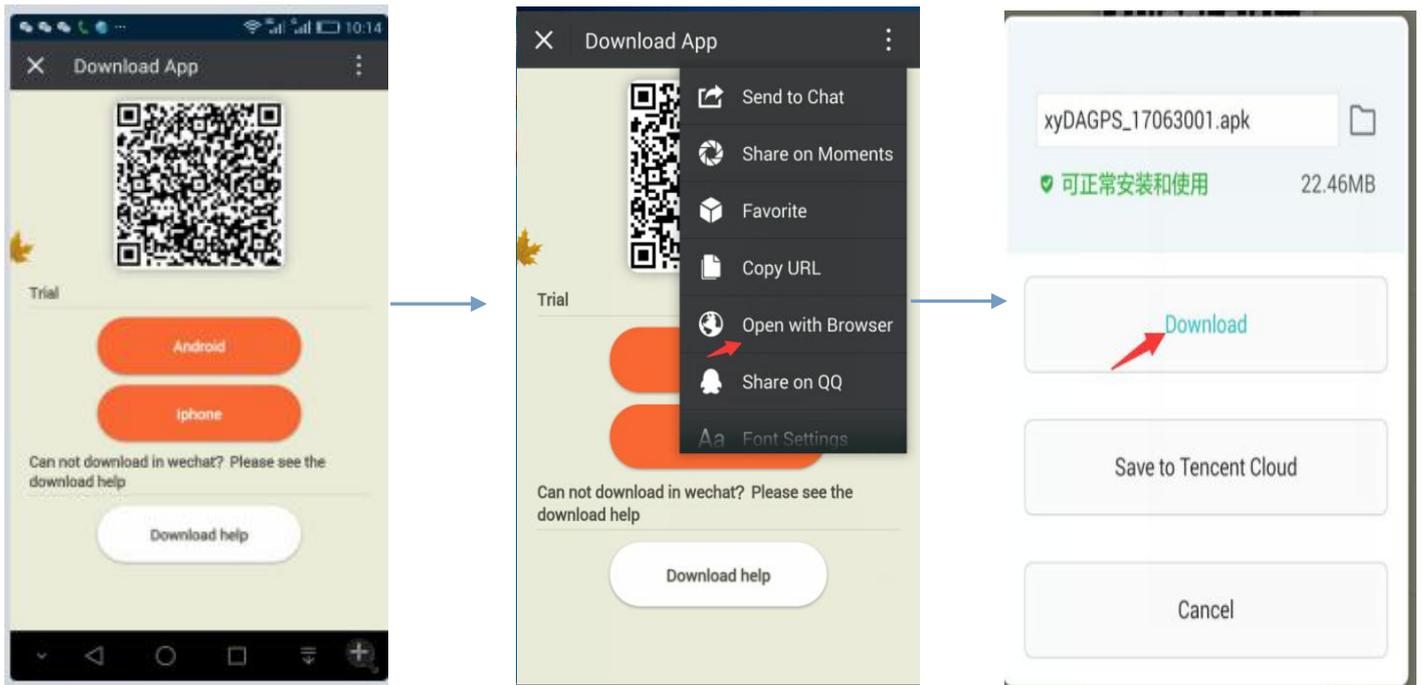
If you received positioning information as picture 2, please take gps tracker go to outdoor and Walking ,then you can receive the satellite signal.

5:Support Website tracking and APP tracking

5.1 Scan APP and Download APP

1)scan QR code---open with browser--- choose Android or IPHONE---download-- installation app





2) Download iOS APP:login in app store---dagps---Install the dagps APP

5.2: login platform positioning

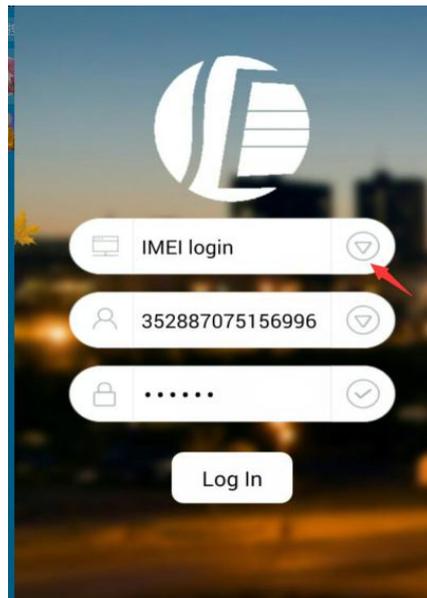
1)Open www.gps110.org

Use tracker IMEI login, default password 123456.

You can tracker device,it is ok



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](#)

[we have two methods to find out apn content:ask simcard company or put sim card into cell phone to find out APN](#)

SMS1: [APN123456+space+Apn name](#) (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 want use other platform ,pls set new ip and port.

SMS1: [admin123456+space+IP+space+port](#)

Eg: [Admin123456 103.110.152.62 7018](#)

6. SMS Command instruction

NOTE:

1) Device default password:123456)

2)use of mobile phone APP or send message to the tracker about all set command,note the space in the command

3)The default mode is “GPRS”, Send SMS: [sms123456](#) to the tracker, It close GPRS.open GPRS mode,Send SMS [gprs123456](#)

4)the default alarm way is SMS+platform

INSTRUCTION	Example	REPLY
Set admin number(suppor 5pcs admin	admin123456 mobile number admin number receive alarm message	admin ok
Cancel admin number	noadmin123456 mobile number	noadmin ok
Set time zone	time zone123456 1 (1 is east 1, -1 is west 1)	Time zone ok
Set time zone(half time zone)	Time zone123456 8 30 (8 30 is east 8.5 time zone)	time zone ok
set move alarm	move123456 200 (200 is the meter)	move ok
Cancel move alarm	nomove123456	nomove ok
Cancel low battery alarm	Lowbattery123456 off	Low batter ok
Acc alarm(4pin connector)	acc123456	Acc ok
Cancel acc alarm(4pin connector)	Noacc123456	Noacc ok
Cut off oil or power(option relay If the car is driving at high speed or has no gps signal, it will not implement	Cut123456 (it will control stop the car when the speed is less than 20KM/H,this is safety way to stop engine way	Stop engine success
Cut off oil or power(Execute immediately)	Stop123456(no matter car high speed,it execute immediately,don't proposal for consider safety)	Stop engine success
Resume cut off oil or power	resume123456	Resume engine
Set vibration alarm	shock123456	Shock ok
Cancel vibration alarm	Noshock123456	Noshock ok
real-time tracking (default 10s)	fix030s***n123456 every30seconds/1times positioning Can change time interval	T n ok

INSTRUCTION	Example	REPLY
Parameter	Check123456	Device status
restart	reboot123456	Reboot ok

7. FAQ and processing methods.

FAQ	Instructions/Solutions
Fail to turn it on	Please check if connect to power 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 Please check if SIM card is 3G or Compatible 2G GSM network. And have to mobile phone signal
No GPS	A more open view of the sky is recommended to make sure the receive the GPS signal normally.in outdoor and take device to walk around or take device to walk around
No reply to SMS command	Password wrong or the format is wrong. restore factory settings send messages begin123456
No reply to calling & No	Authorized / admin phone number is incorrect or has not set up
SMS position OK, cannot the APPposition	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
--	--