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GPS TRACKER USER MANUAL



PREFACE

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.Hardware Description

1) Notices:

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

2).Pls make sure 4g and 2G GSM network sim card, supports making calls, sending messages, GPRS network.have money,NO PIN code



The GPS tracker must be installed by professional personnel

device face up the sky When install in car

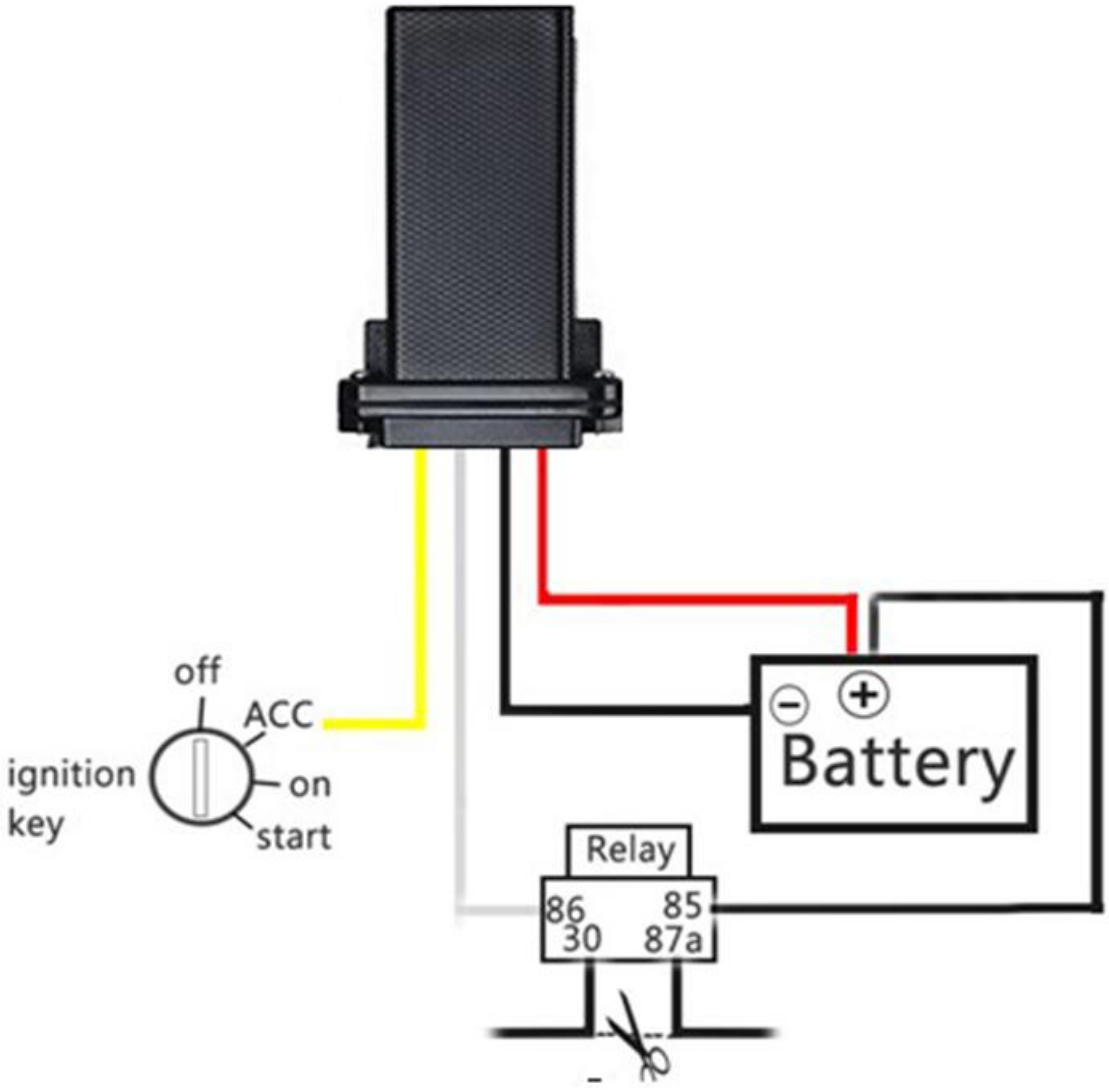
INSTALLATION LOCATION



BEST INSTALL POSITION



2.2 Device wiring requirements



Device default is 3pin, 4pin(option)

1)red wire connect power positive+,

2)black wire connect power negative-,

3) orange **wire connects to ACC Ignition line positive+**

4) White wire connects to relay white wire(option)

If choice the relay ,so connect relay way as follows:

The device white wire connect relay yellow wire,relay white wire connect the car power positive+,cut off the pump wire ,relay green wire connect to engine side,

relay another green wire connect to fuel pump side.

INDICATOR STATUS	LIGHT	MEANING
green light -Solid		GSM signal connection
green light -Flash		searching GSM signal
Blue light -Solid		GPS signal connection
Blue light -Flash		searching gps signal
Red light-Solid		Power ok

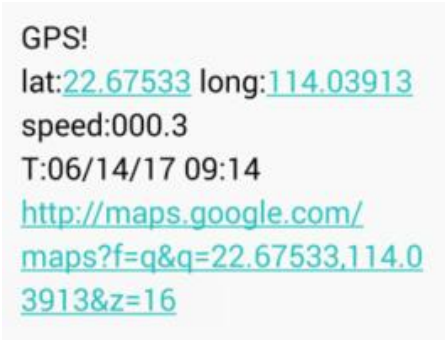
Note: All led will turn off after 10 minutes for best hide.if you call the device sim card number,so the led will turn on work again. Connect 12V-80 v voltage of the power supply

3.operating

Use mobile phone call the device and hang up

or send“smslink123456” to sim card in tracker ,tracker reply positioning information

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.
- **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.

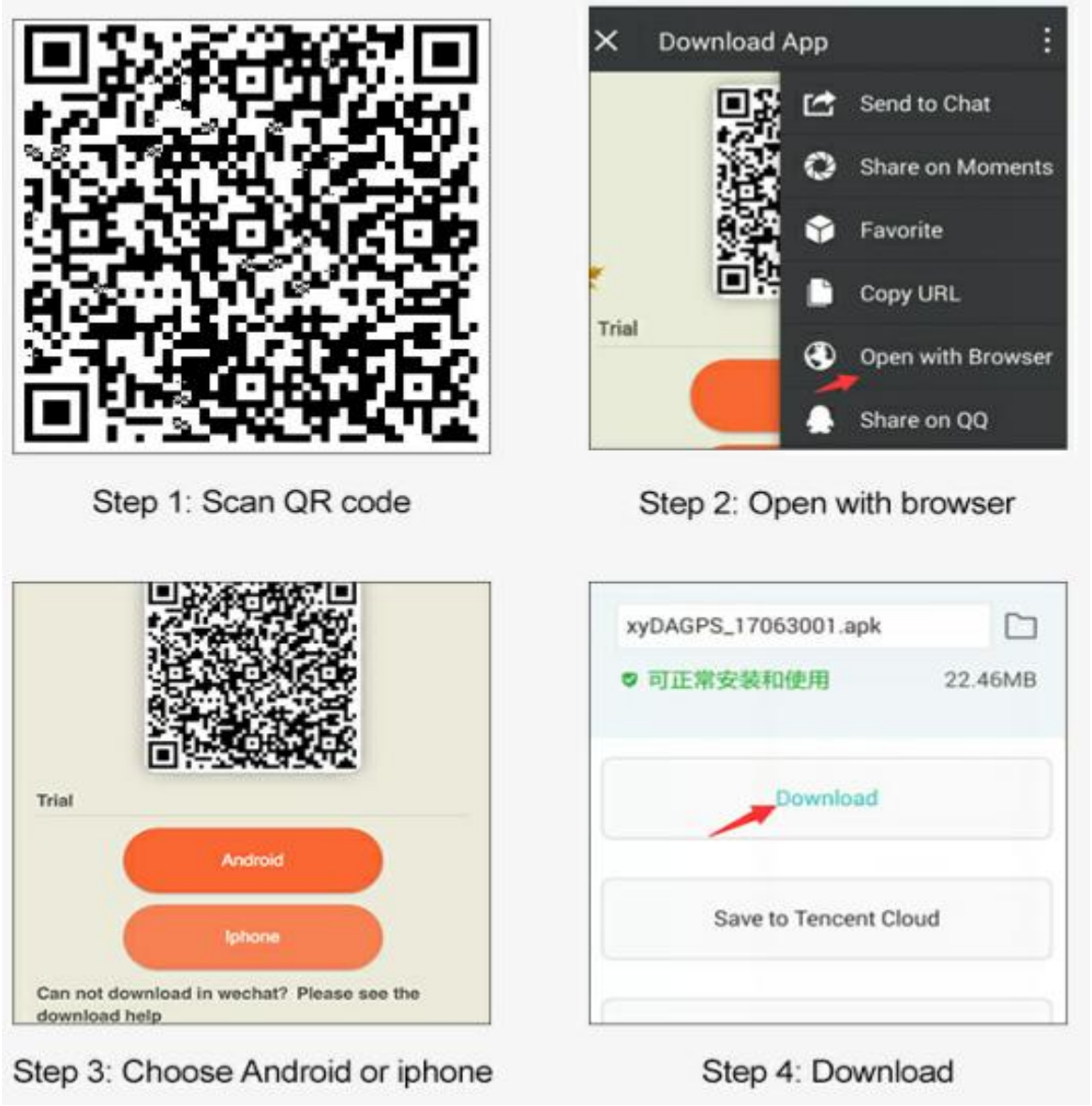
- **smcc:27a4 1223:** Real-time LBS data.
- **Time:08/00/00** LBS positioning time.
-

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

4:Support Website tracking and APP tracking

4.1 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

4.2: login platform positioning

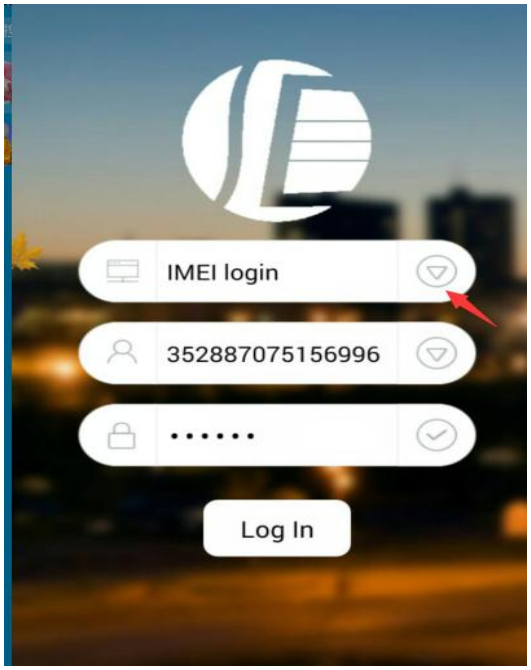
1)Open www.dagps.net

Use tracker IMEI login, default password 123456.

You can tracker device,it is ok



PC login



APP login

NOTE:If device online in platform, no need set apn commands

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 sim card 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 device online in platform, no need set apn commands

5. SMS Command

NOTE:

1) Device default password:123456,note the space in the command

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

3)the default alarm way is SMS+platform

Send command “way123456 2” to gps tracker,then alram way will be SMS+pl atform+call

INSTRUCTION	Example	REPLY
Set admin number support 5pcs admin	admin123456 mobile number admin number receive alarm message	admin ok
Cancel admin number	noadmin123456 mobile number	noadmin ok
set APP online position(set apn)	APN123456 APN Name Apn name is SIM card access point	Apn ok
Set time zone	time zone123456 1(default no need set) (1 is east 1, -1 is west 1)	Time ok
Set time zone(half time zone)	Time zone123456 8 30(default no need set) (8 30 is east 8.5 time zone)	timezone ok
real-time tracking (default 10s)set time interval	fix030s***n123456(default no need set) every30seconds/1times positioning,can change time interval	T n ok
Acc alarm	acc123456	Acc ok
Cancel acc	Noacc123456	Noacc ok
Cut off oil or power(option relay If the car is driving at high speed,more Safer by set stop car	Cut123456(option,default no need set) (it will control stop the car when the speed is less than 20KM/H)	Stop engine success
Cut off oil or power(option relay	Stop123456(option,default no need set) (quick control stop car)	Stop ok
Resume cut off oil or power	resume123456	Resume ok

6. FAQ and processing methods.

FAQ	Instructions/Solutions
Fail to turn it	Please check if connect to power 9V-90V and red light if Solid
No GSM signal	Please check if SIM card installed correctly and have money,have gprs if there a mobile phone GSM signal Please check if SIM card is 2G or 3G/4G Compatible 2G GSM network. ● Don’t turn on the PIN code and no calls can be diverted
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
No reply to SMS	Password wrong or the format is wrong. restore factory settings send messages begin123456
SMS position OK, cannot the APPposition	Pls check if APN is correctly set or check whether have GPRS in sim card
Platform position is difference and the actual	position time don't update or no GPS signal: call the device SIM card 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

7. Specifications

Content	Specs.
Dim.	90mm x 45mm x16mm

Weight	69g
Network	4G or 2G
Band	2G850/900/1800/1900Mhz 4G：LTE-FDD:B1/B3/B7/B8/B20/B28(EU) LTE-TDD:B38/B40/B41(EU) LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B28/B66(AU) LTE-TDD: B40 (AU) LTE-FDD:B2/B4/B5/B12/B13/B14/B66/ B71 (US) LTE-TDD:B2/B4/B5(US)
GPS sensitivity	-159dBm
GPS accuracy	5m
Work voltage	12V-90v
Time To First Fix	Cold status 45-85s 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

8.If need register Administrator account and tracking multiple devices

operation ： point user registartion--- Fill in the APP---login in registered accounts device list----add device---fill in --OK

If you add device more than two , continue to add IMEI number

9. If want use other platform ,pls set new ip and port.(No need to set by default)

SMS1: adminip123456+space+IP+space+port

Eg: Adminip123456 103.218.1.80 7018