
GSM/GPRS/GPS TRACKER MANUAL



Preface

Thank you for purchasing the tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

1. Summary

Working Based on existing GSM/GPRS network and GPS satellites, this product can locate and monitor any movable device by SMS ,app and internet

It has newest advanced technology of gps and agps dual positioning

Content	Specs
Dim.	74*43*31MM
Weight	140g(6400ma) 95g(4400ma)
Network	GSM/GPRS
Band	850/900/1800/1900Mhz
GSM chip	MTK6261D
GPS chip	U-blox 7020
GPS sensitivity	-159dBm
GPS accuracy	5-10m
Time To First Fix	Cold status 45-85s Warm status 35s Hot status 1s
Work voltage	5V
Battery	Chargeable changeable 3.7V
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

2.Led indicator status

LED INDICATOR STATUS	MEANING
Red light continuously work	Charging
Red light not lit	Fully charged
Green light Flashing	Success get GSM signal
Green light continuously lit	Searching GSM signal

3. Operational

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

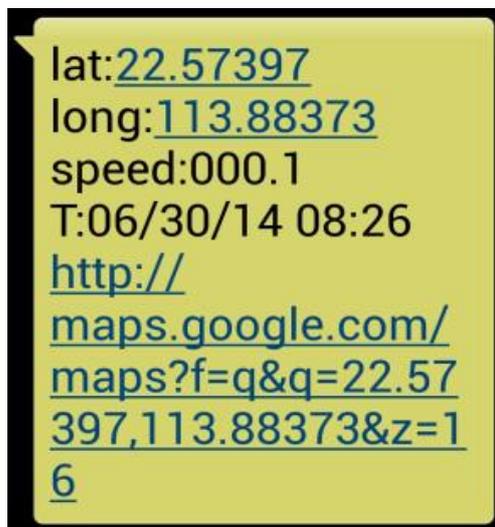
2).Pls make sure GSM 2g SIM card or compatibility 2G GSM network sim card, supports making calls, sending messages, GPRS network.have money,Cancel the PIN code



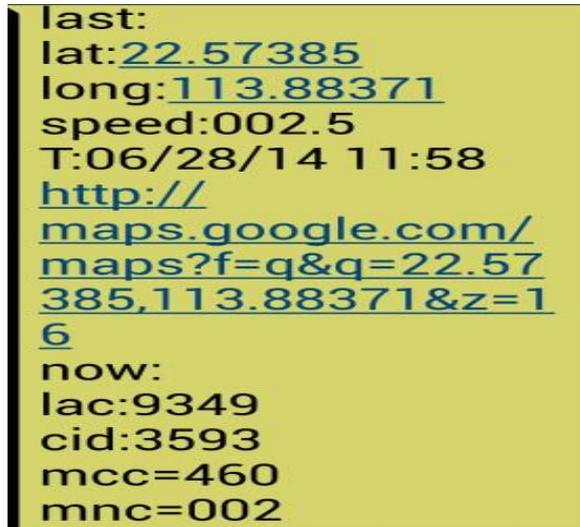
Quick using

sending message "time zone123456 time", time is local time zone, then

send "smslink123456" to sim card in tracker, tracker reply positioning information



lat:[22.57397](#)
long:[113.88373](#)
speed:000.1
T:06/30/14 08:26
<http://maps.google.com/maps?f=q&q=22.57397,113.88373&z=16>



last:
lat:[22.57385](#)
long:[113.88371](#)
speed:002.5
T:06/28/14 11:58
<http://maps.google.com/maps?f=q&q=22.57385,113.88371&z=16>
now:
lac:9349
cid:3593
mcc=460
mnc=002

Picture (1) have gps signal

Picture (2) no gps signal

Pic(1): Replied real-time tracking information

- ◆ **Lat:22.67533 lon:114.03913:** Positioning of the latitude and longitude
- ◆ **Speed: 000.1:** 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 last time position information. Now is LBS position information. no gps signal

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

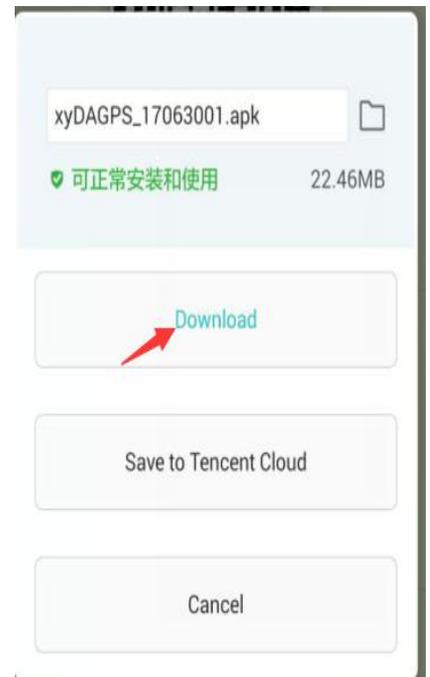
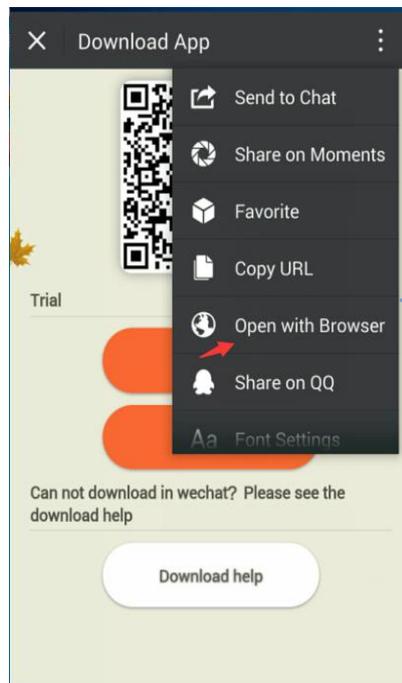
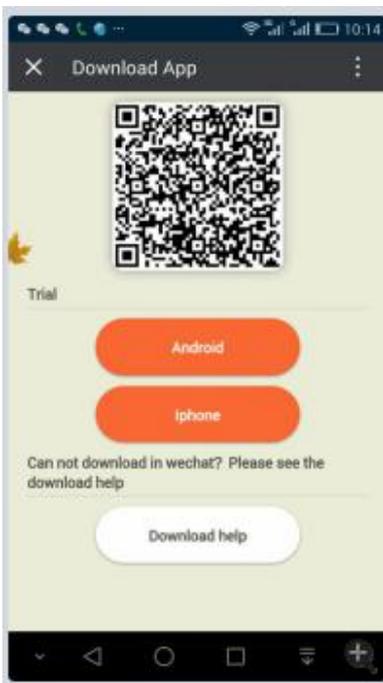
If you received positioning information as picture 2, please take gps tracker go to outdoor and Walking, then you can receive the satellite signal.

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: app store search---dagps---Install the dagps APP

4.2: login platform positioning

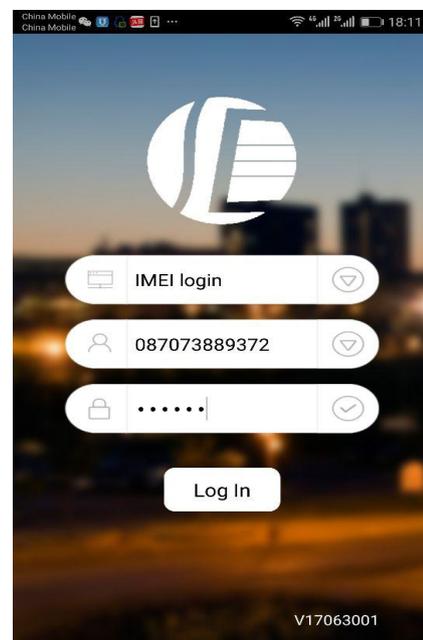
1)Open www.gps110.org

Use tracker ID login, default password 123456.

You can tracker device,it is ok



PC login



APP login

It is Real time positioning, every 2min upload position by default, you can change upload position time interval

4.2NOTE: 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

SMS: [APN123456+space+Apn name](#)

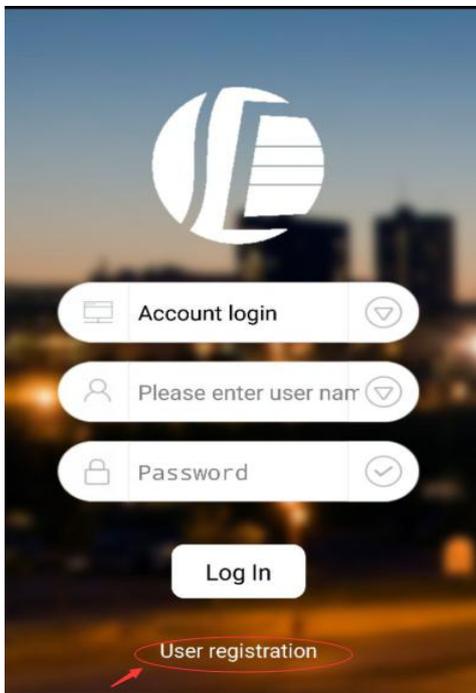
(for example tell you the apn name is ABC, so send :APN123456 ABC)

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

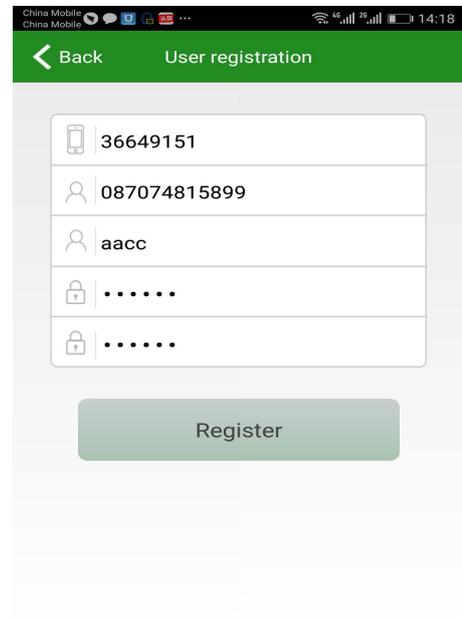
Eg: [APN123456+space+APN name+space+ APN user name+space+ APN password](#)

4.3 If need register Administrator account and tracking multiple devices

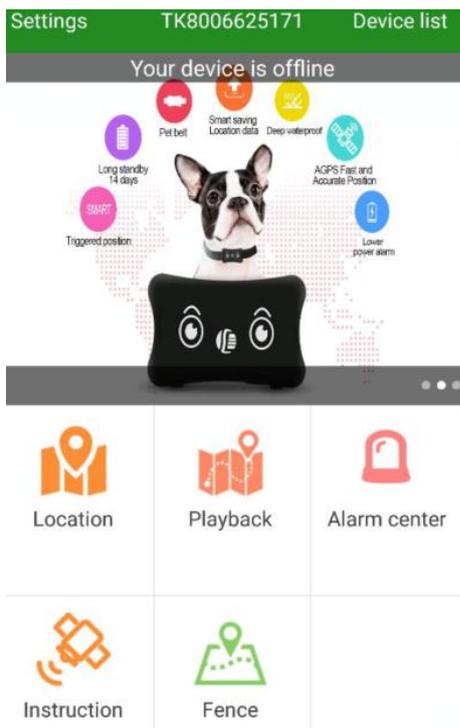
operation : point user registartion--- Fill in the APP---login in registered accounts device list----add device---fill in --OK



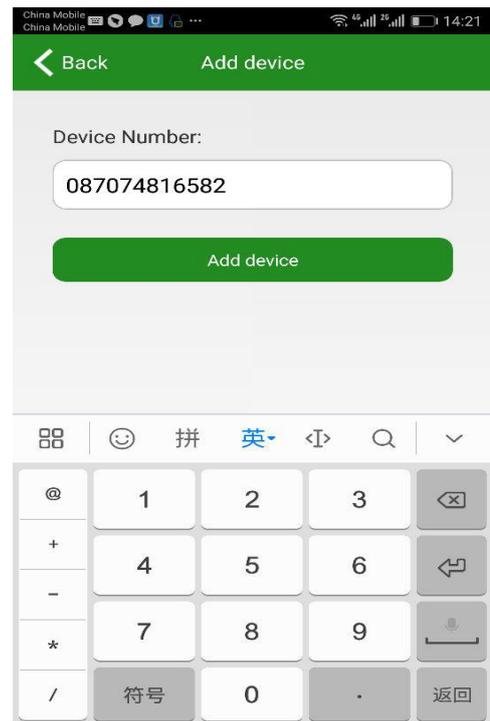
Registration



fill in



Click vehicle list



add device

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

5. positioning mode

【Mode 1】 : real-time positioning,Trajectory mode (default)

dagps APP→ point instruction →mode switch→trajectory mode→send

It is every 2mins/1 times positioning,(work 24 h)

【Mode 2】 : Roll call positioning,save power mode

Dagps APP-point instruction→mode switch→save power mode
→send→positioning→location

If you want to locate, you point locate . If you don't want to position it, device into save power automatically,(work 8 days)

【Mode 3】 : sms mode positioning

Use mobile phone call the device and hang up,you will receive positioning or send “[smslink123456](#) ”to sim card in tracker, you wil receive positioning (Standby time 15 days)

【Mode 4】 : vibration save power mode

sending the positioning data when device vibration and not sending the data When device static,In order to save power and save gprs cost ([can work 3days](#))

Use mobile phone send “[static123456 120](#)” to sim card in tracker

It is every 2mins/1 times positioning when device is vibrationed

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

NAME	COMMAND	EXAMPLE
Set apn	apn123456 apn Name	apn123456 cmnet
	apn123456 apn name user password	Apn123456 cmnet cmwap 66666
Set IP /DNS port	adminip123456 IP port	Adminip123456 110.92.64.21 7018
	Adminip123456 DNS port	Adminip123456 www.gps110.org 7018
parameter	Check123456	Get device status

INSTRUCTION	Example	REPLY
Set time zone	time zone123456 local time	Time zone ok
Set time zone(half time zone)	Time zone123456 8 30	time zone ok
position	smslink123456	Get adress
Set admin number	admin123456 mobile number	admin ok
Cancel admin number	noadmin123456 mobile number	noadmin ok
set move alarm	move123456 (in order to save power,suggest not open)	move ok
Cancel move alarm	nomove123456	nomove ok
low battery alarm	no need set(battery is Less than 30%)	Low batter ok
Cancel low battery alarm	low battery	Low batter ok
Cancel GPRS	sms123456	smsok
Set shock alarm	Shock123456	Shock ok
Cancel shock alarm	noshock123456	noshock ok
real-time tracking (default)	t002m***n123456 002m is every 2mins/1 times positioning Can change the positioning time interval	T n ok
Sms mode Cancel time interval	notn123456	notnok
Reset factory	begin123456	begin ok

FAQ	Instructions/Solutions
Fail to turn on	Please check if device has electricity and charge line to be rechargeable
No GSM signal	<ul style="list-style-type: none"> ● Please check if SIM card installed correctly. ● Please check if SIM card is 2G GSM network. ● Cancel Sim card PIN code
No GPS	make sure the device can receive the GPS signal normally.in outdoor,or take device to walk around
No reply to SMS command	SMS command password wrong or the format is wrong. restore factory settings send “begin123456”
No reply & No alarm message	Check if Authorized / admin phone number is incorrect and sim card is normal
SMS position OK, cannot positoning the APP and web	Pls check if APN is correctly set And pls find out the correct APN content
Platform position is difference from the actual position.	No uploading position time or no GPS signal,reply position is last time. 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

