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 remote targets by SMS or internet.

Content	Specs
Dim.	60*34*19MM
Weight	38g
Network	GSM/GPRS
Band	850/900/1800/1900Mhz
GSM chip	MT6261D
GPS chip	Ublox 7020
GPS sensitivity	-159dBm
GPS accuracy	5m
Time To First Fix	Cold status 45s 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 LED continuously work	Charging
RED LED not lit	Fully charged
Green LED Flashing	Success get GSM singnal
Green LED continuously lit	Searching GSM signal

Main functions

- GSM quad-band frequency;
- Real time tracking by SMS/GPRS
- Low battery alarm;
- Geo-fence alarm ;
- Add Smart sleep save power Mode
- Add GPX history route record, can the real-time view   in Google map
- Add AGPS function,receive GPS signals faster
- Add built-in storage memory

3. Notices:

1).GPS tracking can be worked outdoor. Must have mobile phone gsm signal and have GPS singal,   can block GPS satellite signal when there are metal or   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.have money

3).make sure the SIM card has opened the call shows and turned off the call transfer.

4).Please insert the SIM card correctly. Cancel the PIN code

5).Do not assembly and disassembly device at will.

Insert in SIM card

Normal SIM   Micro SIM   Nano SIM

Quick using

3.1 Put the SIM card into the as picture shows.

open the screw
insert sim card

3.2 then charge the battery in time to keep it working normally

3.3 take the device to outdoor and the front of device towards sky ,move device

to receive gps singnal. Beause indoor has no gps signal

3.4 Use mobile phone call the device and hang up or sending message

"smslink123456" to mobile number in tracker ,tracker Will 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=22.57
397,113.88373&z=1
6

last:
lat:22.57385
long:113.88371
speed:002.5
T:06/28/14 11:58
http://
maps.google.com/
maps?f=q&q=22.57
385,113.88371&z=1
6
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 under GPS satellites signal.

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

◆ **Spd：000.1**   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 last time position information. Now is LBS position information. no gps singal

◆ **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

4.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

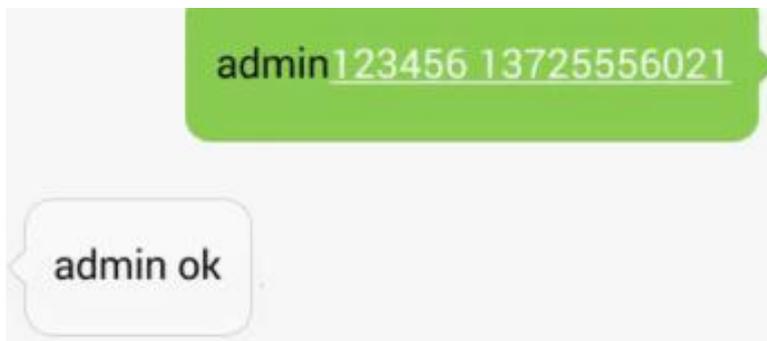other cell-phone number send command will not reply

5) If you want standby time longer,   pls don't open move alarm, and platform for

real-time location tracking.etc

4.1 Admin number setting: (support 5pcs admin number)

Command: admin123456+space+ phone number （This phone number is your own mobile phone number , not the mobile 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

4.2 Low battery alarm

When GPS device battery is Less than 30%, it will send SMS:low battery+Ge-info alarm, at 3 minutes interval.
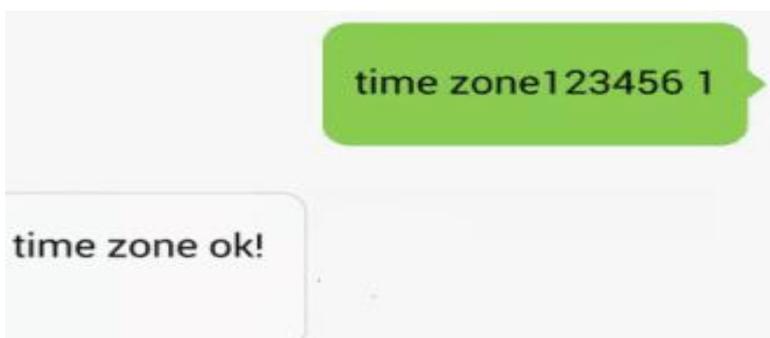
Canceling low battery alarm: send"low battery" to the tracker.

4.3 Terminal (local) Time Setting (factory setting GMT 0)
Command：time+space+zone123456+space+ local time zone
Reply：time ok!
E.g：

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

4.4 change Time upload interval(default 10s)
 Command：t030s***n123456
Reply:　t030***n ok
(030 s is every 30 seconds send data to　platform)

4.5　Reset Hardware
 Command：reset123456
 Reply：reset ok

4.6 Change the password

　Command: password123456 888888

　　Reply :password OK

Note:　　123456 is the old password(default),888888 is the new password,it

must the 6 digits Arabic numerals

4.7 State Checking

Send SMS:"check+password" to the tracker device, it will reply the recent

status via SMS as: GSM: 100% GPS: OK/NO GPRS: ON/OFF battery: 100%.

Remark: GPS NO, only mean there are no GPS position request.

4.8 change IMEI number
Command: imei123456+space +new imei number

E.G: setimei123456 352887076633221

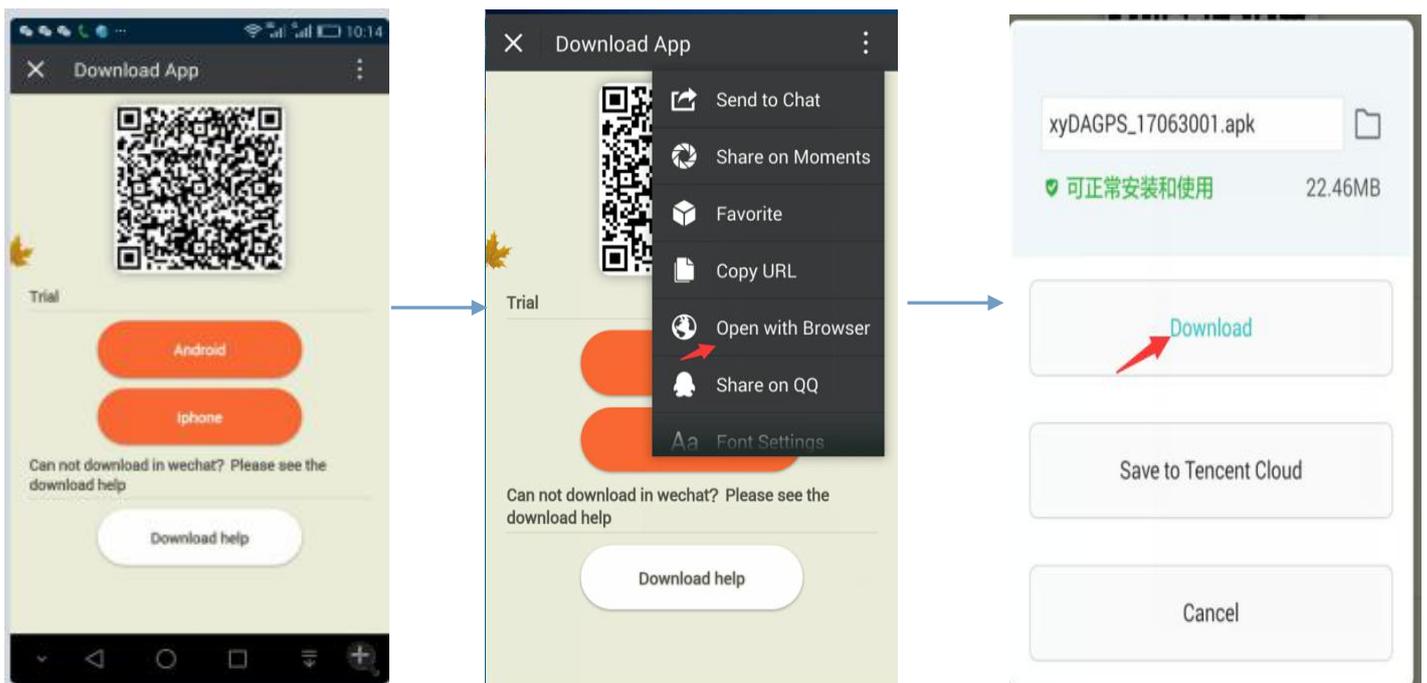## 5.If you need real-time tracking by APP or websit ,pls Operating as follows
NOTE:If you need a platform position, please use phone send " gprs123456" to device

5.1:Suport Andriod & IOS APP tracking

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

OR Download "dagps"

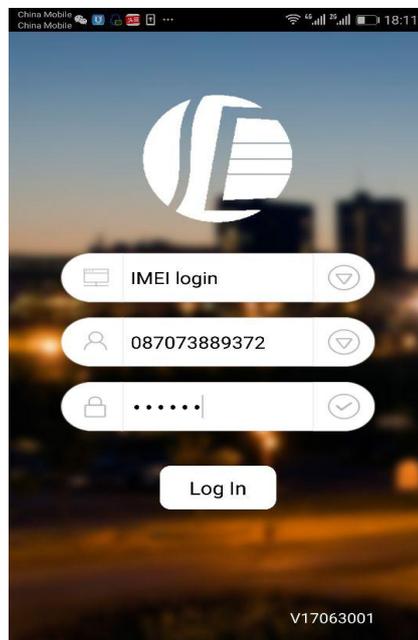**1).scan QR code---open with browser--- choose Android or iphone---Download--installation app**

2): support Website and APP login

Open www.gps110.org

  Use tracker ID login, default password 123456.

PC login	APP login

5.3Geo-fence setting

Point APP fence and Set the diameter of 200 metres, Choose a location as center ,in outdoor(device out of the safety area will alarm)

6:suport Websit tracking

Open www.gps110.org

 Use tracker ID login, default password 123456.

NOTE:If you insert the correct SIM card and send "GPRS123456", device in outdoor, still not online.Please set the APN commands

If set the first step,device online in platefrom, no need set apn commands

After set GPRS mode, every 2min upload data to server by default,you can change upload time interval

Set GPS online in platefrom

SMS1: **"**GPRS123456**"**

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+APN name+space+ APN user name+space+ APNpassword

7. 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: **"**GPRS123456**"**

SMS2: 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)

SMS3: 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. FAQ and processing methods.

FAQ	Instructions/Solutions
Fail to turn it on	Please check if battery and USB cable is charged
No GSM signal	● Please check if SIM card installed correctly. ● Please check if SIM card is 2G GSM network. ● Don't turn on the PIN code
No GPS	A more open view of the sky is recommended to make sure the device can receive the GPS signal normally.in outdoor,or take device to walk around
No reply to SMS command	Password wrong or the format is wrong. restore factory settings send "reset123456"
No reply to calling & No alarm message	Authorized / admin phone number is incorrect or has not setup
SMS position OK, cannot use the APP and web platform	Pls check if APN is correctly set. And pls find out the correct APN content of the SIM card.
Platform position is difference from the actual position.	No uploading position time 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