
GSM/GPRS/GPS TRACKER

MANUAL

TK800



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.

Deaoke TK800 Specifications

Content	Specs
Dim.	93mm x 77mm x 27mm
Weight	227g
Network	GSM/GPRS
Band	850/900/1800/1900Mhz
GSM chip	MT6261
GPS chip	Ublox 7020
GPS sensitivity	-159dBm
GPS accuracy	5m
Time To First Fix	Cold status 45s /Warm status 35s /Hot status 1s
Battery	Chargeable 3.7V 6600mah Li-ion Battery
Work voltage	5V
Storage Temp.	-40°C to +85°C
Operation Temp.	-20°C to +55°C
Humidity	5%--95% non-condensing

2.Main functions

- GSM quad-band frequency;
- Real time tracking by SMS/GPRS
- low power alarm
- Movement alarm
- Into/out off Geo-fence alarm
- Add Vibration alarm
- Add Monitor
- Add Super-long standby 3 yeas (24-hour cycle positioning)
- Add strong magnet(free installation)
- Add Anti-jammer and Anti-detection function
- Add Anti-Disassemble and anti-Fall off alarm
- Add clock mode /fixed time positioning/smart cycle position
- add waterproof and dust proof
- add save power and GPRS
- Add AGPS function,receive GPS signals faster
- Add built-in storage memory
- Add app GPRS set

3.Led indicator status

LED INDICATOR STATUS	MEANING
Green LED Flashing	Searching GSM signal
Green LED continuously lit	GSM signal OK
Blue LED continuously Flashing per 3s	Searching gps signal
Blue LED continuously lit	gps signal ok

3.1 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



4.Quick using

GPS operation steps



First step:
open lid



Second step:
insert sim card



Third step:
take device to the outdoor
for receive gps signal

Use mobile phone call the device and hang up
or sending message “[smslink123456](#)” to sim card in tracker ,then send
message “[time zone123456 time](#)”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=22.57
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

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

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

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

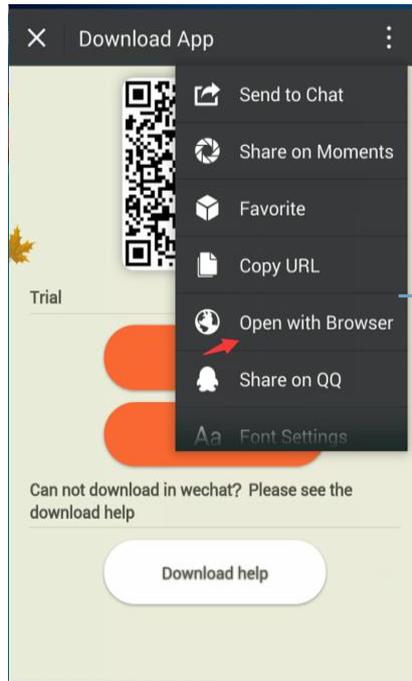
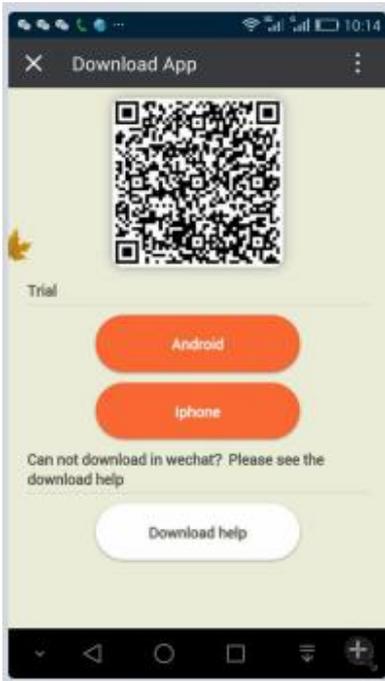
If you receive positioning information is picture 2, please go out the outdoor and Walk around with gps tracker,for receive The satellite signal

5:Support Website tracking or APP tracking check

If you need real-time tracking by APP ,please scan APP or Download “[dagps](#)”

5.1 Scan APP or Download APP

1)scan QR code---open with browser--- choose Android or Iphone---Download-- installation app

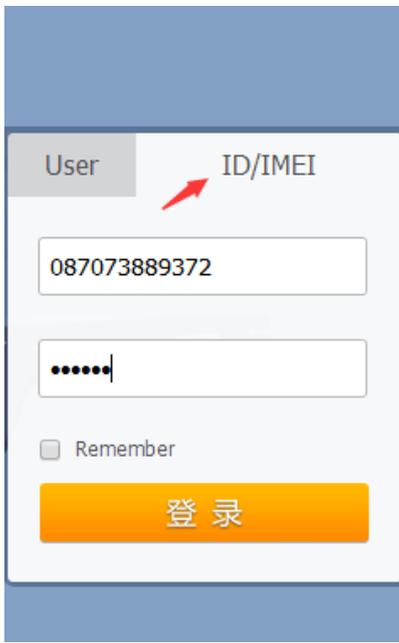


2) Download ios APP:login in app store---dagps---Install the dagps APP

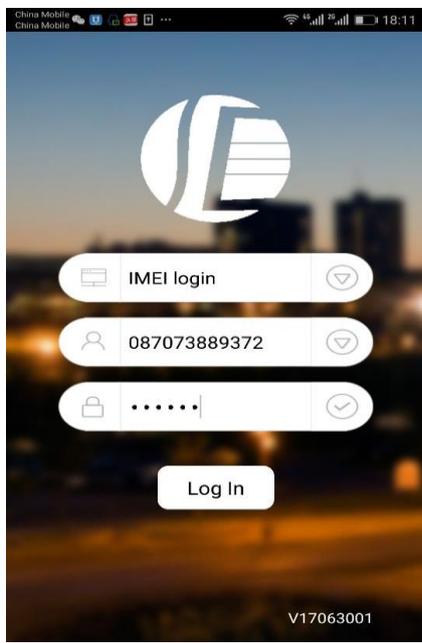
5.2: login platform positioning

1)Open www.gps110.org

Use tracker ID login, default password 123456.



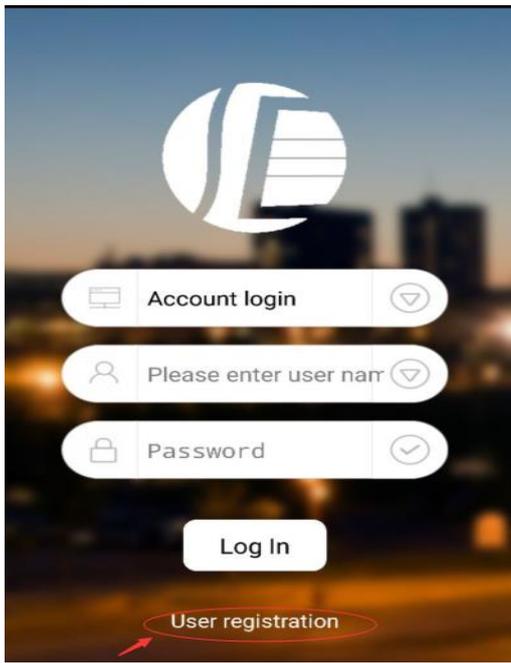
PC login



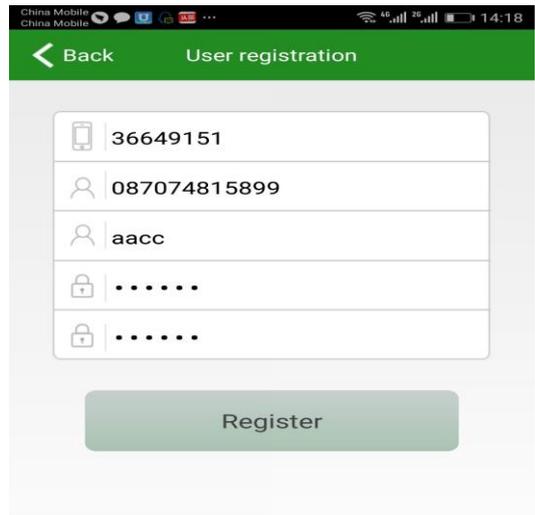
APP login

5.3 register Administrator account and tracking multiple devices

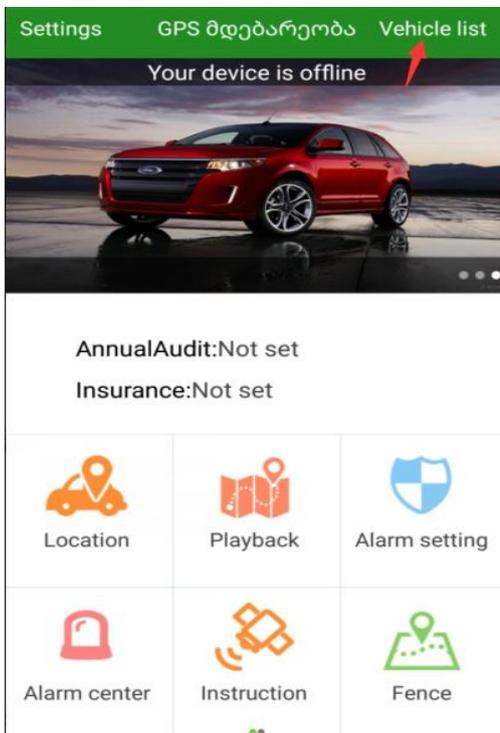
operation : register APP accounts--- Fill in the APP---login in registered accounts
 vehicle list----add device---fill in ID--OK



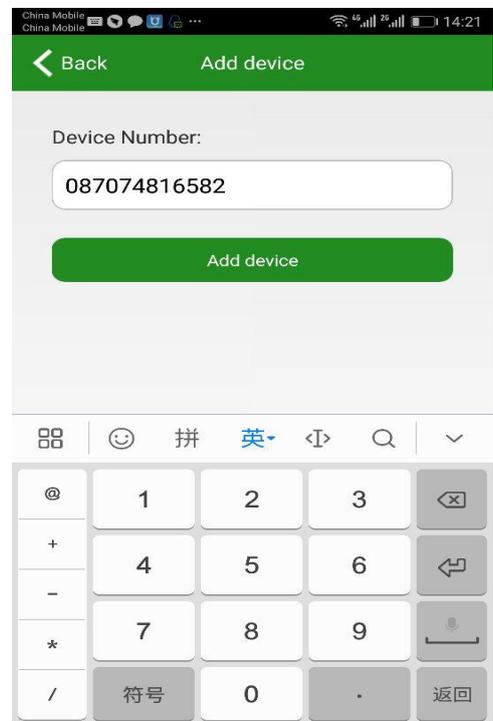
Registration



fill in



Click vehicle list



add device

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

If device online in platform, no need set apn commands

6.1 Set APN

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+APN name+space+ APN user name+space+ APNpassword](#)

It is Real time positioning,every 3min upload position by default,you can change upload time interval

6.2. If use the other platform, start on line tracker

in advance Using mobile phone send SMS commands to device and set online

platform (please set DNS and port,set apn)

(Use the default platform, don't need to operate 6.2)

7) Working mode

【Mode 1】 : real-time tracking (default)

every 3mins/1 times,can work 10 days,can't anti-jammer and anti detection

【Mode 2】 : 24 hours cycle mode

every 24 hours/1 times positioning,can work 3 years

【Mode 2】 : clock mode(can set up 2-6 times positioning per day)

every 24 hours/2-6 times positioning,can work from 6 months to 18 months

【Mode 4】 : smart cycle positioning(10mins)

every 10 mins/1 times, device upload position , then device turn off

Until the next cycle positioning again

Positioning time interval can be changed, time is $\geq 10\text{mins}$

【Mode 5】 : smart turn on/off mode (deep sleep save power mode)

(static turn off save power, vibration or falls off alarm start work)

8.Set Command by APP or SMS

NOTE:

1) Device default password:123456)

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

3)After admin number setting, all alarm message will send authorization number

other cell-phone number send command will not reply

4)If you want standby time longer, pls don't open move alarm, and real-time

location tracking.etc

5)Charging for 24 hours for the first time, device light not on

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

INSTRUCTION	COMMAND	REPLY
WHERE	smslink123456	Get adress
Set admin number	admin123456 mobile number	admin ok
Cancel admin number	noadmin123456 mobile number	noadmin ok
Set time zone	time zone123456 8	Time zone ok
Set time zone(half time zone)	Time zone123456 8 30	time zone ok
set move alarm	move123456 (suggest not open for will not save power,only work 3-4days)	move ok
Cancel move alarm	nomove123456	nomove ok
Cancel low battery alarm	Lowbattery123456 off	Low batter ok
Open low battery alarm	Lowbattery123456 on	Low batter ok
Cancel GPRS	sms123456	smsok
Set shock alarm	Shock123456	Shock ok
Cancel shock alarm	noshock123456	noshock ok
Listening to the sound	monitor123456	Monitor ok
Cancel listening sound	tracker123456	trackerok
Clock mode	clock123456 1200 1800 2100 (the time formate is 24 hours system)	Clock ok
Smart turn on/off mode	static123456	Static ok
Smart cycle mode(≥ 10 mins)	tm123456 10	time ok
real-time tracking (default)	t003m***123456	T n ok
Fall off alarm	Loosing123456	Loosing ok
Check param	check123456	param

FAQ	Instructions/Solutions
Fail to turn it on	Please check device charged
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. ● 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	SMS commands 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 set up,check sim card is normal
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,reply position is last times. 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