User Manual
（Version 9.9）

1. Accessories

Charging cable (Standard)
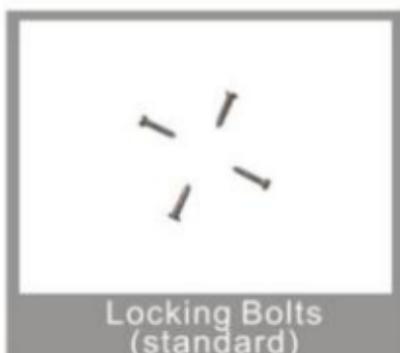
Locking Bolts
(standard)

2. Specification

Dimension	90(L) x 45(W) x 13.5(H) mm
Weight	45g
Operation Temperature	-30℃ - 70℃
Operation Voltage	9-36vDC
Humidity	20% - 80%
GSM Frequencies	850/900/1800/1900 MHz
GPRS	Class 12
GPS Sensitivity	-159dBm
Acquisition Sensitivity	-144dBm
Position Accuracy	10m
TTFF （Open Sky）	Cold Start: ＜38s
	Warm Start: ＜32s
	Hot Start: ＜2s
GSM/GPS Antenna	Built-in design
LED Indicator	GSM-green, GPS-blue, Power-red
Data Transmit	TCP, SMS
Non-movement Detection	Movement alarm based on built-in 3D motion sensor
Mileage Report	Track by time/distance interval

3.   Quick Operation Instructions

Change GPRS parameter by sending SMS "APN,666666,APN #" and "SERVER,666666,1,gps.dyegoo.net,6100,0# "to the device.

Please get APN from sim card inserted mobile operator.

3.1   Locate current position by GPRS/SMS

3.2   GPS tracking platform

3.3   Track by time interval via GPRS

Send SMS "TIMER,666666,,time(second)#" to device. 10s in minimum while 18000s(5 hours) in maximum.

3.4   Change password

The default password is 666666. Send SMS "PASSWORD,old password (6 numbers),new password (6 numbers)#" to the device.

3.5   Real-time Location Tracking via SMS

3.5.1 Send SMS "WHERE,666666#" to the device, you will get the current location of the device.

3.5.2 Send SMS "URL,666666#" to the device, you will get the URL of the current location by maps.google.com.

3.53 Set your mobile phone number as admin number by SMS command:admin,666666,admin1,admin2,admin3#.When admin number call the tracker, it will reply the URL of the current location by maps.google.com.

4.My Device

5.LED Indications

Power Status(Red LED)	
Flashing	Power on
Continuously bright	Not working properly
Continuously dark	Power off
GPS LED Indicator(Blue LED)	
Flashing (1s on, 1s off)	Searching GPS signal
Continuously bright	GPS fix
Continuously dark	No GPS fix or initializing
GSM LED Indicator(Green LED)	
Quick flashing	GSM initializing
Continuously bright	Link with Server
Continuously dark	No GSM signal

6.Method of installation

6.1 Preparation before installation

1)Open the packing box to check whether the type of device is correct and whether the accessories are included.

2)This product is a high-tech electronic device, installation should be undertaken by a professional.

3)Please follow the following procedures to install your GT02A.During installation, there should be no power to the device.

6.2 Installing SIM card: each GT02A need to insert a GSM SIM card. The SIM card used should be enabled for GPRS.

1) Testing SIM card: to test SIM card, please install it into a normal GSM mobile and ensure it can send and receive SMS, and enables for GPRS.

2) Installing SIM card:Remove the upper cover of device,insert SIM card as shown then replace cover,lock the Shell With 3 bolts.
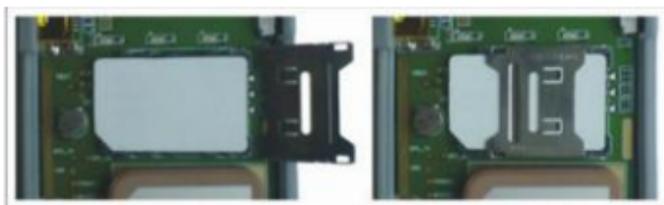
6.3 Selecting installation place and fixing it.There are two kinds of installation: covert and non covert.

If you need the covert installation, please refer installation to an auto electrical contractor.

Note:

1) To prevent theft of the GT02A,the device should be installed as covertly as possible.
2) Avoid placing the GT02A close to higher power electrical devices, such as reversing radar, anti-theft device or other vehicle communication equipment.
3) The GT02A should be fixed into position with cable ties or wide double-side tape.
4)Your device has built-in GSM antenna and GPS antenna. During installation, please make sure the receiving side face is up, with no metal object above the device to interfere with GPS reception. The following places are suggested for installation:
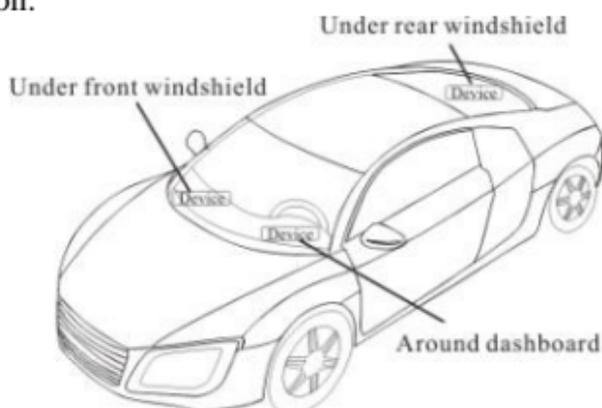
- Under the dash board below the front windshield;
- In the parcel shelf in the rear;
- In the front bumper(non-material face), please ensure the device cannot get wet;
- Under the wiper version (non-metal), please ensure the

device cannot get wet;
Notice: If the windshield is pasted with metal thermal-protective coating, it may affect the performance of the device. In this case, please change the installation place after consulting the professional.

5)Non Covert Installation,
Firstly fix the device on the dash board below windshield.

7. Cautions of device wiring
7.1   The standard voltage is 9V-36V, the red wire is the positive, the black wire is the negative.
7.2   Please connect the black wire to ground.
7.3   After connecting the power cord, run the power cord plug to the device. After installation, supply power to device.
7.4   Covert installation: car battery cord is standard, with 2A FUSE for short-circuit over current protection.
7.5   Non covert installation: cigar lighter cord is optional, with 2A FUSE for short-circuit over current protection. Please contact your dealer if this mode is needed.

8. Power on/ off
8.1 The device will power on automatically when connected to power. During normal operation, red power LED flashes, while blue GPS LED and green GSM LED keep lighting. During signal searching process, GPS or GSM LED will flash. If there is no light presenting on LEDs, the device is not working normally.installation, please make sure the receiving side face is up, with no metal object above the device to interfere with GPS reception. The following places are suggested for installation:
8.2   The device will power off after power is disconnected.

9. Side key function
At normal-work indication status, press the side key, all the three LEDs will extinguish and then the device will enter covert working mode. Press the key again, the three LEDs will go back to normal-work indication status.

10. Platform

Website: http://www.dyegoo.net
Please click English to change to English language.
Login as Account or ID, Account is same as ID(IMEI last 11bits),ID is in the label on the tracker.
Enter ID(IMEI last 11bits)
Password:123456
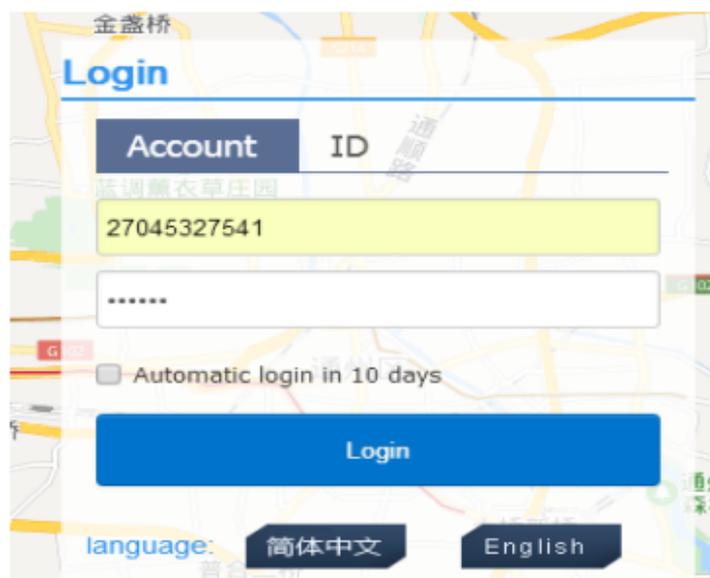
APP: http://www.dyegoo.net/app/

When download, please click UK flag to change to English.
For some Android mobile phone,it is needed to install GoogleServicesFramework.apk, if there no this APK,it can not display google maps in APP.
Please search GoogleServicesFramework.apk by google and

install it first,then install DYEGOO Google maps app.

In production, IP,port have been writed in, normally the tracker will be auto online, if the tracker offline, Please set APN by sms command.
Please get APN from sim card inserted mobile operator.
If you lost IP,port,please send below sms command to set them back：
Server,666666,1,gps.dyegoo.net,6100,0#
Or
Server,666666,0,47.90.39.27,6100,0#

11. Troubleshooting

11.1 If GPS can not receive the signals normally, please drive to the open areas for positioning. Generally, it needs 1-2 minutes to receive the first coordinates. If the data can not be received after 2-3 minutes, please check the installation position of the device, making sure it is not being shielded by any metal.

11.2 If GSM can not receive the signals normally, please check whether SIM card is installed correctly or there is no GSM signal at the current location , such as a basement parking, please drive to a place covered by GSM signal.

11.3 If the red LED does not work when power is connected, check whether the fuse is blown. If so, please replace the fuse.

11.4 If the three LEDs do not turn on when power up, press the down side key, if the three LEDs recover normally, the device is working normally.

11.5 If you have enabled the web based tracking application, and the device displays off-line on the platform, please check 3 LEDs status indicators first. You can check the status of the SIM card when you are in an inconvenient situation. Please refer to the following steps:

1)Call the device to check whether you can get through.
2)Check whether the SIM card supports GPRS and a local APN.
3)Check the GSM/GPS reception area.
4)Check whether there is enough credit on the SIM card.
5)Check if the connector and terminal is loose or the fuse has blown out.

12.SMS command

There no space in sms command.

1	Password,old password,new password#	Change password, default password:666666
	Example:Password,666666,777777#	Change password from 666666 to 777777
2	Recover,new password#	Change password to default password:666666
	Example:recover,777777#	Change password to 666666
3	Server,password,mode,IP/DNS,port,0#	Set server parameter.mode:0,IP mode; mode:1,DNS Mode.
	Example:server,666666,0,47.90.39.27,6100,0#	Set server IP: 47.90.39.27,server port:6100
	Example:server,666666,1,gps.dyegoo.net,6100,0#	Set server DNS:gps.dyegoo.net,port:6100
4	Apn,password,apn name,apn user,apn password#	Set APN parameter.If apn user,apn password not needed, not write
	Example:China-Mobile SIM card. apn,666666,cmnet#	Set APN name:cmnet
	Example:Canada-FIDO SIM card APN,666666,internet.fido.ca,fido,fido#	Set APN name:internet.fido.ca,apn user:fido, apn password:fido
5	where,password#	GPS data position query
	example:where,666666#	The tracker reply:Lat:N23.117475,Lon:E 114. 418433,Course:0.00,Speed: 0.5204,DateTime:12 -07 -02 21:05:43
6	URL,password#	Google link query

		The tracker reply:<DateTime:12 -07 -0221: 05:43> http://maps.google.com/maps?q=N23.117475, E114.418433
	example:url,666666#	
7	timer,password,,upload time interval#	Set upload time interval. 5-1800 seconds,the default time interval is 10 seconds
	example:timer,666666,,50#	Set upload time interval 50 seconds.
8	gmt,password,time zone direction,time zone code#	Set time zone.Time zone direction:E or W.Time zone code:0-12.
	example:gmt,666666,e,2.5#	Set time zone east 2.5 time zone.
9	FACTORY,password#	Change to factory setting.IP,port,DNS ,password can not be changed
	example:factory,666666#	Change to factory setting.IP,port, DNS,password can not be changed
10	gprsset,password#	Check IP,Port,APN setting.
	example:gprsset,666666#	Check IP,Port,APN setting.
11	admin,password,admin1,admin2,admin3#	3admin numbers can be set.When admin number call the sim card number in the tracker,the tracker will reply position Google link.
	example: admin,666666,13800138000#	Set admin1 as 13800138000
12	status,password#	Tracker status checking.
	example: status,666666#	Tracker status checking.