

2. Warranty will be void if the ownership of the tracker has been changed.

3. Parts damaged by man-made.

4. Battery, adapter, wires, etc.

Warning: this device is just an auxiliary product that tells the location of current object, we have not any responsibility if you have damage or loss in using this

tracker. Customer Name

Customer Phone SIM card Number

Model UT803G ID Number

Purchase Date Expired Date

Distributor

Notes: The explanation of this manual is belonged to us, some small changes may not be noticed, if you have any problem please contact us, thanks!



UT-803G 3G Car GPS Tracker

Owners Manual

**Distributed by Utrack GPS
Trackers. New Zealand**

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Welcome to our real time car GPS tracker UT803G. This product uses GPS and 2G GSM / 3G WCDMA (with LBS location without GPS), that has many new and unique functions.

These include having a built in rechargeable battery for the *power down* alarm & *tracker removed* alarm, external microphone for listening to the sound inside a car, Remotely turning off a car engine, an SOS button, playing back history tracking on a website or your mobile phone, SMS(text) locate which sends you a Google map link pin pointing the vehicle, sensitive shock sensor built in to control power saving.

The tracker can auto configure APN & GPRS settings, it is very easy to install and use, just connect the power supply and it's operational. The working voltage range is 7-36V, it can be used for car (12V) or truck (24V) bus etc. The tracker sends the present location information through GPRS to an internet server, so that when you visit the website www.999gps.net with the applied user's name and password (default user name is the last 7 digital of the ID, password is same with user name or is 123456, for example ID is 803201712345678, user name is 2345678, password is 2345678 or 123456) through any PC or mobile

2G 3G / GPS Antenna Internal / External Tracking Current <100mA /12V

Standby Current < 3 mA /12V Recharging Current <100mA 5V
GPS Hot Start Time 1 second average GPS Cold Start Time 36 seconds average

Battery 300mAh (Polymer) Working Temperature -20 °C to +55 °C
Absolute Working Temperature -40 °C to +80 °C Storage Temperature -40 °C to +80 °C

Packing list:

The main unit 1 pcs

The user manual 1 pcs CD or Print

5P Wires 1 pcs Power Input 7-36V

The Microphone & Wire 1 set

The SOS Button & Wire 1 set

Warranty

This system has been factory tested before being sold. We strongly recommend you get this system installed by a professional auto electrician. There is a one-year warranty except for the following conditions:

1. Installed, fixed, or changed by you or a non-professional.

the tracker does not move, the tracker will not upload tracking, try moving the tracker in the open air (Indoor rooms may not receive GPS signal).

10. If the tracker cannot send back information by SMS, please confirm the SIM card has enough money, and has ID caller display function and SMS service function, and please read the SMS information that the tracker sends back and check if the instruction & password is right or not.

11. When you call the tracker, if it has ringing, but it will not pick up the call, please check that the tracker has been set with the authorized phone number. Use the authorized phone number or delete the authorized phone number or make the tracker back to factory setting.

12. After you leave an under ground car park, the GSM and GPS module will take a few minutes to receive signal and re-locate, some tracking maybe lost, this is normal.

Specification:

Working Voltage 7-36V DC GSM Frequency 850/900/1800/1900 MHz (Global)

Communication Chip set Fibocom(Inter) WCDMA Frequency 850(800)/900/1900/2100 MHz (Global)

GPS Chip Set MTK Locate precision 5-10 Meters

phone with available internet, current location checking, history tracking playing back, alarm & running report etc can be operated. Normally the platform service charge is free (some distributors might sell different packages of 1 years' service charge fee), please confirm expiry date after logging onto the website, and the tracker will be active after the tracker is powered on.

You can also download app software to an android or iPhone mobile phone, click the app, logon with user name and password, and then you can find your vehicles current location & display the history tracking. The user name and password is same as the website login. Basically, using your mobile phone you can send a text or call the tracker and get a text back with the current location giving a Google map link.

This GPS tracker can be used as car alarm, for fleet management, driver management etc, it can be used for tracking cars, company vehicles, buses, taxis, trucks, etc.



[iPhone App Download](#) [Android App Download](#)

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the time, this gives the tracker continuous power supply, and the charging circuit will stop after the battery is full.

5. The GPS need 10-200 seconds to locate the position, when the GSM signal is weak or the network is very busy, the SMS maybe delay sending information by the GSM network, this is normal.

6. The tracking data on our server will be available for 6-12 months, the old data will be deleted.

7. If the tracker auto powers off: please confirm the tracker power supply is well connected to car battery and the power fuse is well.

8. After you power on the tracker, if the trackers GREEN LED light stays on, and it has not any response, and no reception to ringing it, please confirm the SIM card has been installed properly, the SIM card PIN code is disabled, and the SIM card has enough credit, and that a mobile phone can work well in that place. If the tracker works well the Green LED will flash once or third times every 4 seconds (First power on, recharging the battery will delay the first locating 5-30 minutes).

9. If the tracker can not upload location to website, please confirm the SIM card has GPRS function, and confirm the APN or GPRS username & password is right (Send SMS "CHECK*123456" to check auto configure and call the mobile phone hot line to confirm the right APN & GPRS). If

Notes & Trouble Shooting:

1. Please confirm that the SIM card PIN code has been disabled, this means that if your mobile phone uses this SIM card, it is not necessary to input any password. Otherwise the tracker can not find a mobile phone network signal, and the Green LED will stay ON .
2. This tracker uses 2G GSM & 3G WCDMA networks, and it uploads tracking only through the internet. It can not work in the CDMA or CDMA2000 network. Some 4G SIM cards can be used in 2G GSM & 3G WCDMA networks. Then this kind of 4G SIM card can be used in this tracker.
3. The antenna of the GPS is built in, please note that the installed location of the tracker *needs* to receive GPS signal, normally the back of the seat or in the door post or in the roof post or under the back window or under a panel etc. Please make the top of the GPS antenna face skyward and keep it away from magnetic components.
4. The tracker has a built in rechargeable backup Li battery, After initial charging, recharge time takes about half an hour. Normally the tracker connects to the car battery all

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13. SOS Emergency

Potentially useful for car jacking situations or breakdowns.

In the normal mode press the SOS button and do not release (Press button for over 6 seconds), the GREEN LED will flash quickly, a few seconds later the GREEN LED will turn OFF, then release the button, the tracker will send SOS help information to all 3 preset phone. The SOS SMS information sample is as follow:

HELP !

<https://maps.google.com/maps?q=40.756441,73.986378>

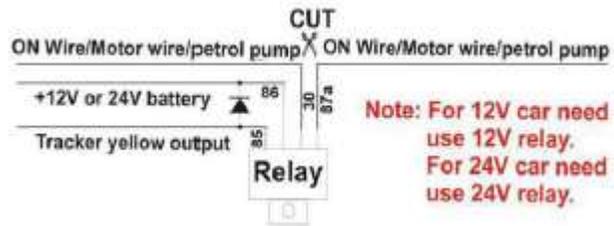
If you receive the HELP information, you know that the SOS button must have been intentionally pressed, please call the driver to confirm with the user is safe or not or call the police.

Platform Operation Guide

For the platform/website/app operation please refer to your platform operation guide, scan the following QR code or click the website link to download the platform manual, visiting website www.999gps.net and click the Manual icon also can download the platform manual. **NO PICTURES**

Platform User Guide Word Version Platform User Guide Pdf Version

to add a diode to protect the trackers driving wire. The diagram is as follows:



The remote turn off car engine can be disabled by “STARTENGINE*123456”, also the “CANCELALARM*123456” command and “RESET*123456” command can disable this command.

12. To Cancel Turn Off Car Engine Command
 Send SMS “STARTENGINE*123456” to your tracker.
 “STARTENGINE” is a command, “123456” is password.
 The output of the trackers engine cut wire will change to open, then anyone can start the engine later. The tracker will send back information to indicate the turn off engine command has been disabled, if the password is not right, it won't work and, the tracker will send back information “Wrong Password”.

Product

UT803G

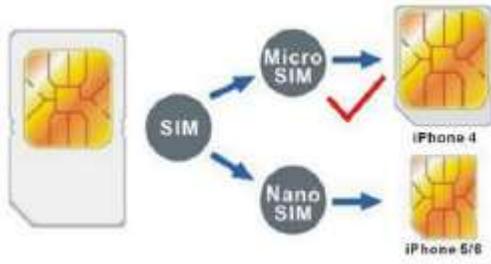


Before Using

1. Power ON / OFF

Open SIM card cover, slide the switch in the direction of the arrow and the tracker will power on. If the tracker battery is low, check that the power wire is connected to a live power source, and the Ground wire connected to the car. After the tracker is powered on, the LED will flash, if the Green LED flashes once every 4 seconds, it means the tracker is working, please refer to #3 for details about what the different LED flashes indicate.

2. Installing SIM card (Micro SIM Card)



Note:

1. This tracker uses 2G GSM & 3G WCDMA phone networks (Please confirm this 3G module frequency can be used in the SIM card 3G network, the frequency band is listed at the end of this manual), and it uploads tracking only through internet, it cannot work in CDMA network or CDMA2000 network. (Many 4G SIM cards have 2G GSM & 3G WCDMA network, this kind of SIM card can be used in this tracker).
2. Enable the SIM card data service (some SIM cards need to send SMS or USSD command to enable GPRS function), order a data package (20-30M/month) can save data charges (Normally most of the trackers use monthly data of less than 20MB).
3. Please confirm the PIN code of the SIM card is disabled.
4. Before installing or uninstalling the SIM card, please power off the tracker.

11. To Remotely Turn Off Car Engine (Cut Fuel or Ignition)

Attention: Turning off the engine is very dangerous when the car is being driven. This will make the car difficult to control and maybe cause an accident, so we recommend that you make the relay cut the start motor wire instead. This will mean you can not remotely turn off the car engine, but it can not be started again after it's been turned off.

Send SMS "STOPENGINE*123456" to your tracker.

"STOPENGINE" is a command, "123456" is password. The car engine will be turned off immediately. The tracker will reply, "Turn Off Car Engine Success". If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

The *engine cut* command needs you to add a relay to be able to work. The tracker has an output *engine cut wire*, when the tracker turns off the engine, the *engine cut wire* will output a negative signal continuously, using the relay to control engine power supply or petrol pump power supply, so it can turn off the car engine. The output current of the engine cut wire is smaller than 500mA, and it's necessary

Shock Alarm:OFF,Geo-Fence Alarm:OFF,Over Speed Alarm:OFF,Power Down Alarm: ON, Calling:ON,SMS:ON, Battery:88%.

9. Cancel All Alarm Settings

Note: RESET and FACTORY also can cancel all alarm setting, for the differences please see above.

Send SMS "CANCELALARM*123456" to your tracker. "CANCELALARM" is a command, "123456" is your password. The tracker will reply "All Alarm Cancel" and cancel all the shock alarm settings in the tracker. If the password is not right, it won't work and, the tracker will send back information "Wrong Password".

10. Listening to car occupants or Monitor sound around the tracker

Send SMS "LISTEN*123456" to tracker.

"LISTEN" is a command, "123456" is your password. Then the tracker will make a call back to the SMS sender, the user picks up the call and then the sound around the tracker can be listened to. When you hang up the call, the LISTEN command will stop. (There are un-related apps available for smart phones to record calls if you should desire that.)

Open the SIM card cover, the SIM card slot can now be seen, insert the SIM card into the slot. Make sure you put the SIM card in, facing the right direction because if the SIM card is not installed properly, the tracker cannot find the mobile phone network signal. Power on again.

3. LED flash indicator

GREEN LED Flash once: GSM & GPS working well

GREEN LED Flash twice: GSM working well and no GPS signal

GREEN LED Flash three times: GSM & GPS working well but battery low

GREEN LED Flash four times: GSM working well, battery low and no GPS signal

GREEN LED ON continuously: GSM searching network

GREEN LED OFF: Power off

RED LED Flash once: uploading of tracking information is working.

RED LED Flash twice: cannot upload tracking

4. Power supply

For UT803G, the tracker uses the 7-36V DC power supply. Too high voltage or AC voltage may damage the tracker or even cause accidents. It must be connected to the car battery all the time. After the backup battery is full, the built

in recharging circuit will stop recharging, and if the tracker is not moved, the tracker will go to sleep. Then the tracker will draw very little power, so it won't be the cause of the problem should your car battery go flat.



RED or BROWN-----12V/24V car battery

BLACK-----GROUND (Car Body)

YELLOW----Turn off Engine Negative Output (Connect to Relay)

WHITE or GREY-----External SOS button Negative Input

GREEN-----ON Signal (Engine Running) Positive Input

Note: The ON signal is used to indicate that the engine is running (Positive means engine is running), if ON signal is active then the tracker will begin to report locations to the server. If the ON signal is not operational the tracker will not upload locations to your server because the car obviously isn't running. This is worthy of note if your car is

information "Set Geo-fence Alarm ON" or "Set Geo-fence Alarm OFF" to indicate the operation is successful.

If the password is wrong, it won't work, and the tracker will send you back a message saying "Wrong Password".

After enabling geo-fence alarm, the tracker will locate immediately, and set the current location as the origin of the geo-fence circle, the XXX km is the radius of the geo-fence circle, the tracker will check the location is in the geo-fence circle or not, each time it finishes uploading the location to your server. If the current location is outside of the setting (geo-fence circle) the tracker will send out an alarm and location information by SMS to the authorized phone number. **If the tracker stops moving once outside the geo fence circle, the tracker will not alert again for the geo-fence alarm. It will revert to alerts as normal.** If the tracker is triggered continually, every authorized phone will receive max 3 alarm SMS per hour. The geo-fence alarm text reads: Geo-fence Alarm, Battery: 88%

8. Checking what your current Alarm Settings are.

Send SMS "ALARM*123456" to the tracker number.

"ALARM" is the command, "123456" is the password. The tracker will send back the information of the alarm setting, for example:

After enabling the “over speed” alarm, the system will check the real time speed when the car is running. If the current speed is higher than the setting speed limited, the tracker will send an alarm and location information by SMS to the authorized phone number. If the tracker is triggered continually, every authorized phone will receive a maximum of 3 alarm texts per hour. The over speed alarm SMS is as follows:

Over Speed Alarm, current speed:XXX km/h

Sending SMS “CANCELALARM*123456” to the tracker can cancel this alarm setting. After you disable the over speed alarm, the system will not check the speed again

7. Set Geo-fence Alarm by Sending SMS

Send your tracker a text reading:

“GEOFENCEALARMON*123456*XXX” (to Enable Geo-fence alarm) or “GEOFENCEALARMOFF*123456” (to Disable Geo-fence alarm) to the trackers SIM number,

“GEOFENCEALARMON” or “GEOFENCEALARMOFF” is a command, “123456” is password, “XXX” is the setting geo-fence radius, unit is in km. The origin of the geo-fence is the trackers current location. The tracker will send back the

being towed, trailered or shifted in a manner other than being driven.

If the GREEN wire is not connected to the ON signal, the uploading will be controlled instead by shock sensor, meaning that if the car begins to move the tracker will begin to upload location to server, after the car stops moving for 2 minutes or more, the tracker will stop uploading locations to your server.



The SOS function needs connecting to the external SOS button in a place where a driver can press the button. Connect one wire of the SOS button to GND (car body), another wire of the SOS button to the tracker.

The external microphone needs to be inserted into the socket beside the wires on the case, and then have the microphone installed in a hidden place near the driver so that the tracker can clearly hear any voices in the vehicle.



The tracker needs to be installed in a hidden place. Normally the back of the seat or arm rest box or under the back window or inside a door panel etc are good spots. Please note that the tracker must be positioned where it can receive the GSM & GPS signal. Before covering up your hiding place, please try to locate the tracker (send sms to locate or check location on app or PC) after installation, to confirm that it's sending and receiving information ok. If the location is not right and it loses contact very often, please try to change the position where it is installed.

5. Power Down Alarm:

When the tracker power supply is off or the voltage is too low, the GREEN LED of the tracker will flash 3 times, and then the tracker will send a "power down" alarm SMS to the authorized number. This means the tracker *power* is removed or the *tracker* is removed, please confirm. Power Down Alarm Battery is factory set at: 88%

After disabling the shock alarm, the system will not check the shock sensor again. Also sending a SMS "CANCELALARM*123456" to the tracker can cancel this alarm setting.

If the authorized number has been set, using the authorized phone number to send SMS "DISARM#" to the tracker also can trigger the tracker to leave armed state. [Shock alarm notice by sending SMS & calling can be enabled ON or OFF, please refer **Tracker Setting Command 3 &4.**](#)

6. Set Over Speed Alarm by Sending SMS

Send SMS "OVERSPEEDALARMON*123456*xxx" (Enable over speed alarm xxx km/h) or "OVERSPEEDALARMOFF*123456" (Disable over speed alarm) to the tracker, "OVERSPEEDALARMON" or "OVERSPEEDALARMOFF" is a command, "123456" is password, "xxx is the setting speed limited". The tracker will send back the information "Set Over Speed Alarm ON" or "Set Over Speed Alarm OFF" to indicate the operation is successful. If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

continuous movement can trigger the shock alarm, to avoid triggering it by mistake), the tracker will send an alarm and location information by SMS to the authorized phone number, and it will send the alarm information to the website server. Also the tracker will call the authorized number A first, if it is not answered then B and C. If 3 authorized numbers are all not answered, then it will stop calling. If the tracker is triggered continuously, every authorized phone will receive a maximum of 3 alarm texts per hour.

If the authorized number has been set, using the authorized phone number to send SMS "ARM#" to the tracker also can trigger the tracker to enter an armed state.

The shock alarm SMS is as follows:

Shock Alarm

<https://maps.google.com/maps?q=+40.756441,-73.986378>

Send SMS "SHOCKALARMOFF*123456" to your tracker.

"SHOCKALARMOFF" is a command, "123456" is Password. The tracker will send back the information "Set Shock Alarm OFF" to indicate the operation is successful and disable the shock alarm. If the password is wrong, it won't work, and the tracker will send you back a message saying "Wrong Password".

6. Back to Factory Setting

Sending the SMS command to the tracker can reset the tracker setting to the factory mode (just like a new tracker).

The SMS command for this is FACTORY*123456.

FACTORY is command, 123456 is tracker password.

7. ANTENNA

The Antenna of GPS is built into the tracker, and the Antenna of 2G/3G is built-in, please keep the tracker away from signal blockers, such as big concrete underground car parks, tunnels etc, that will reduce the 2G/3G and GPS signal.

8. Temperature restrictions.

This will work in temperatures between -20°C to 60°C, over this range the tracker may not work efficiently. The uninstalled/storage temperature can reach to -40°C to 80°C

Simple User Steps

1. First buy a 2G GSM or 3G WCDMA mobile phone SIM card and enable the data service. You might need to order a data package 20-30M (Normally most of the trackers use less than 20MB per month.) install the SIM card in the tracker, please refer to step 2, **Before Using 2**. Some SIM

cards need a SMS sent to active internet data service, please call the SIM card supplier to confirm

2. Connect the tracker power wire to the car battery and slide the ON/OFF switch to on position, the Green LED should now be on continuously. Once the tracker is powered on, put the tracker outdoors so it's easy get GPS & mobile phone network signal.
3. Check LED flash pattern. Refer **Before Using, # 3** for further details. If the Green LED flashes once it means mobile phone and GPS signal are well. And if the Red LED flashes once it means the location has been uploaded to the server.
4. Call the tracker or send a text saying "LOCATE*123456" or "URL*123456" to the tracker, the tracker will reply, giving you the tracker location with text description or Google map link by SMS.
5. Visit & login to the tracking platform at www.999gps.net. Click to select different languages. Check that current location, playback history tracking etc can be operated. Platform / website / app, user name and password is the last 7 digital numbers of the tracker's ID (for example ID is : 803201712345678, the user name is : 2345678, password is :2345678 or 123456, you can change the password, by

After sending a SMS or calling the tracker to trigger it to locate, if the tracker can not receive GPS signal or GPS signal is weak (underground park or indoors etc), the tracker will change to LBS locate (located by GSM network base station), and send you a location with a Google maps link to the caller or sender. Click the link to see the location in google maps. The SMS example is as follow: No GPS signal, Just Cell ID Location:

<http://maps.google.com/maps?q=+22.6775,+114.1518>

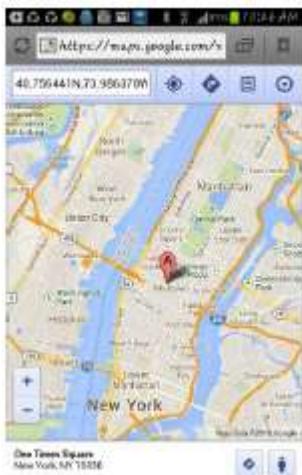
If the LBS can not get the location either, the tracker will reply "Can not get location, please try again later".

5. Arm / Disarm (Shock Alarm) by sending SMS

Send SMS "SHOCKALARMON*123456" to tracker.

"SHOCKALARMON" is a command, "123456" is password, the tracker will send back the information "Set Shock Alarm ON" to indicate the operation is successful and go to armed state. If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

After it goes to shock alarm state, the system will check the shock sensor. If the shock sensor is triggered (**only**



If the authorized number has been set, using the authorized phone number to send a text reading: “URL#” to the tracker also can trigger the tracker to locate and reply with the location giving a Google maps link.

4. LBS Locate with Google map link without GPS signal

Note: This method of location is given by GSM base station ID. It's not very precise. In a city it may be accurate to within maybe 30-50 meters. In the country it may be accurate within about 1 km or more, so the location is only used for reference.

sending a text reading “ID*123456” to the tracker so you can check tracker ID).

6. iPhone Android App,Wap,WeChat also use the same user name and password with website login, visit www.999gps.net on your mobile phone, click the app icon on the login page, or scan the QR code on login page, the iPhone & Android app can be download & installed, please refer to the platform operation guide.

7. Fleet user can be created for easy fleet management, call your distributor to create a fleet.

8. This tracker can auto configure APN & GPRS user name & password, if the auto configuration is not right, the tracker cannot use the internet, so the tracker location cannot update to the server, and the red LED will flash twice. If this happens then you need send a text to the tracker to change the APN & GPRS manually, please send SMS “CHECK*123456” to tracker to check the APN auto configuration. Call the tracker SIM card supplier to confirm the APN & GPRS is right. Sending “APN*123456*apnname” and “USERNAME*123456*username*password” to the tracker can change the APN & GPRS setting, please refer the following for details.

Tracker Setting Commands

1. Add / Delete / Check authorized number:

The authorized phone number is sent alarm information by text. You can also use that mobile phone to locate the tracker without an app or website. If the authorized phone number is not set, then the alarm information cannot send you alerts by text. (alarm, battery low, SOS, etc). To add a command please see “Basic Locate Operation & Setting”.

To Add your authorized phone number

Send a text to the tracker reading:

“ADDPHONE*123456*A*number”(Not including the quotation marks “ ”. Number means the telephone number you want preset, the following is same.) “ADDPHONE” is a command; “123456” is password; “A” is authorized number location, every tracker has 3 authorized phone number locations, A and B, and C, so you can set 3 phone numbers. If the add operation is successful, the tracker will send back the information “Add Preset Phone OK”, If the password is wrong, it won’t work and the tracker will send you back a message saying “Wrong Password”.

“123456” is password. If it’s right, the tracker will send back the information as above.

If the authorized number has been set, using the authorized phone number to send SMS “123#” to the tracker also can trigger the tracker locate function and it will reply giving you the location with text description.

If the tracker cannot get the location in text description, it will reply giving the location with a Google map link as follows.

3. Sending SMS to trigger report location by Google map link

Send a SMS “URL*123456” to the tracker. “URL” is a command and “123456” means password. If the operation is successful, the tracker will send back the location information with a Google map link, to the sender. You click the link, and the location in google maps will display, the SMS example is as follow:

<https://maps.google.com/maps?q=22.67680,114.15188>

Battery:88%

Locate Operation

1. Making a Call to trigger report location by text

Using your authorized phone, call the tracker. After it rings 3 times, the tracker will hang up the call automatically and locate immediately. A few seconds later, the tracker will send back the location information with text description by SMS to the caller. If the tracker has no authorized number, any phone calling can trigger the tracker to locate immediately, if the tracker has authorized number, then only authorized phone calling can trigger the tracker to locate immediately. The SMS information sample is as follows:



2. Sending SMS to trigger a report on location, by text description

Send a text reading: "LOCATE*123456" to the tracker without the quotation marks. "LOCATE" is a command,

Delete authorized phone number by SMS

Send SMS "DELETEPHONE*123456*A" to the tracker, "DELETEPHONE" is a command; "123456" is password; "A" is authorized phone number location, there are 3 locations "A" and "B" and "C"; if the delete operation is successful, the tracker will send back the information "Delete Preset Phone OK", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

Check authorized phone number by Text.

Send Text to the tracker reading: "CHECKPHONE*123456" to tracker, "CHECKPHONE" is a command; "123456" is password; if the operation is success, the tracker will send back the information "Pre-set Phone A:13987654321; B:13876543210; C:13765432100, the phone number is just an example. If the password is not right, it won't work. The tracker will send back information or tell you "Wrong Password".

2. Change / Check Tracker Password

The tracker password is used to protect the tracker. It can only be operated by the owner. Every SMS command needs the tracker password, the default tracker password is 123456, for higher security please change the tracker password.

Change tracker password

Send SMS "CHANGEPASSWORD*123456*888888" to tracker, "CHANGEPASSWORD" is a command; "123456" is old password; "888888" is new password; if you are successful, the tracker will send the information " New Password: 888888" to every pre-set phone number, If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

Note: Only The authorized phone can change the password.

Check tracker password

Send SMS "CHECKPASSWORD" to the tracker, "CHECKPASSWORD" is a command, if the operation is success, the tracker will send back the information "Password:888888"; "888888" is an example.

Note: Only The authorized phone can check the password.

3. Alarm Notification by Calling switch ON/OFF:

Send a text reading: "CALLON*123456" to tracker.

"CALLON" is the fixed command and "123456" is the password.

Having successfully been made, there will be a reply sms to indicate the alarm will notify you by making a call. Send SMS "CALLOFF*123456" to tracker, in which, "CALLOFF"

all the alarm settings in the tracker, including shock alarm, turn off car engine etc.

13. Back to factory configuration

1. If you forgot the password, you cannot reset by the text command.

2. After you set it back to default, if the IP/APN/GPRS name & password are changed manually, you need set these again by sending SMS.

Send SMS "FACTORY*123456" to tracker.

"FACTORY" is the fixed command, "123456" is password. The tracker will send back information "Set factory setting OK". If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". After this, The tracker will cancel all the alarm settings in the tracker, including shock alarm, move alarm, geo-fence alarm, over speed alarm, delete all the authorized phone numbers, delete the APN and GPRS user name and password, change the tracker password to 123456, reset the IP address, reset the system working mode and the interval time, and so on.

30, ;Uploading time interval is 30 seconds
13987654321, ;Authorized number (A/B/C)
GPS OK, ;GPS status
GsensorValue:4 ;GsensorValue form(0-255) defalut:4
ShockControlGPS, ;GPS module shock control
WCDMA ;Current network is WCDMA
-65dBm, ;mobile phone network signal strength
ShockControlGPRS, ;Uploading is controlled by shock
sensor
CMNET, ;APN name
User, ;GPRS user name
Password, ;GPRS password
46000, ;Sim Card MCC+MNC
e1d/24a0, ;Current Cell ID
Battery:88% ;Battery

12. Re-power On & Reset Tracker alarms.

Send SMS "RESET*123456" to tracker.

"RESET" is a command, "123456" is password. The tracker will reply "Reset Tracker and cancel all alarm setting", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". The tracker will power off and then power on automatically, this will take a few minutes, and then cancel

is the fixed command and "123456" is the password. Having successfully been made, there will be a reply sms to indicate the alarm will not be noticed by making a call. If the alarm notice is set to CALLOFF, then the tracker will only send sms or send information to the platform when the alarm is triggered.

4. Alarm Notice by SMS ON/OFF:

Send SMS "SMSON*123456" to tracker.

"SMSON" is the fixed command and "123456" is the password.

Having successfully been made, there will be a reply sms to indicate the alarm will send you notifications by sms.

Send SMS "SMSOFF*123456" to tracker.

"SMSOFF" is the fixed command and "123456" is the password.

Having successfully been made, there will be a reply sms to indicate the tracker will not alarm you via SMS.

If the alarm notice is set to SMSOFF, then the tracker can only alert you by calling you or sending information to your platform when the alarm is triggered.

5. Set GPRS Mode: KEEPONLINE / SHOCKCONTROL

If the tracker is always online, the tracker will send the tracker status to the platform continuously. This will use more data, battery charge, and car battery power, and if the car is parked for a long time or the car battery is old, this might cause the car battery to run low and not start the car. This mode is not recommended.

Send a Text reading: "KEEPONLINE*123456" (Keep online all the time even when the tracker stops moving) or "SHOCKCONTROLGPRS*123456" (Turn off GPRS after the tracker has stopped moving for 10 minutes) to the tracker. "KEEPONLINE" or "SHOCKCONTROLGPRS" is a command, "123456" is the tracker password. If you are successful, the tracker will send back the information "GPRS: Keep Online" or "GPRS: Shock Control", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". The default setting is Shock Control, when the tracker begins to move, the tracker begins uploading the tracking information. The tracker status on the platform will change to online immediately. If the tracker stops moving, the tracker will stop uploading the tracking information and turn off GPS & GPRS to switch to sleep mode. After a few

11. Check Tracker Current Setting

Note: This command usually be used to check the tracker current status & configuration, if the tracker can't work well, this command can check what the problem is.

Send SMS "CHECK*123456" to tracker, "CHECK" is the fixed command, "123456" is password. The tracker will send back information including software version, ID S/N number, IP address, authorized phone number, GPS and GSM signal etc. If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". The following is an example:

```
V Mar 08
2015,CC830,803201700581688,d3.igps.info,58.64.155.133
,8011,30,A:13987654321,
B:13876543210,GPS
OK,GsensorValue:4,ShockControlGPS,WCDMA-
65dBm,ShockControlGPRS,CMNET,
User, Password,46000,e1d/24a0,93%
V Mar 08 2015, ;Software version date
CC830, ;TCP/IP Protocol name
803201712345678, ;ID number
d3.igps.info ;Server Domain Name
58.64.155.133,8011, ;Server IP & Port
```

if the operation is success, the tracker will send back the information "Username:username, Password:password", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password".

10. Set Platform Server IP

Notice: The tracker IP address has been set to default : 58.64.155.133,8011 in factory, it is not necessary to set it again, unless our IP address has been changed or user need upload the location to other server, If our server IP is changed, we will notice on the website.

Send SMS "IP*123456*58.64.155.133,8011" or "WEB*123456*d3.igps.info,8011"to the tracker, in which, "IP" or "WEB" is the fixed command, "123456" is the password and "58.64.155.133,8011" is the IP of the server. "d3.igps.info,8011" is the domain name and port of the of the server. Having successfully been set there will be a SMS "IP: 58.64.155.133,8011". However, the IP address may be changed with the upgrade of our server, so please check the notices on our website.

minutes the tracker status on the platform also will change to offline.

6. Check Tracker ID:

The tracker ID is print on the label of the tracker, if the label is missing, send SMS "ID*123456" to tracker, in which, "ID" is the fixed command and "123456" is the password. Having successfully been made, there will be a return SMS "ID: 801201512345678", in which, "801201512345678" is the ID. Every tracker has a unique number. This number is used to differentiate the tracking uploaded to the website from others. the last 7 digits of the tracker ID is the user name and password of the tracker on the platform, for example the tracker ID is : 801201512345678, and then the user name on the platform of this tracker is : 2345678, and the platform password for this user name is also: 2345678 or 123456. The user can login to the platform www.999gps.net to change the password.

7. Set how often the tracker uploads information.

The GPS location information upload intervals can be set from 30 to 999 seconds. To set it, send a text reading: "INTERVAL*123456*xxx" to your tracker. "INTERVAL" is a command, "123456" is password, "xxx" is the interval time, which can be set from 30 to 999 seconds. The tracker will

send back information "Set Interval xxx OK", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". The default setting is to upload information every 30 seconds. Longer upload interval times can save battery and GPRS data costs, but this could make the tracking less accurate.

8. Start / Stop upload location to server

The upload location to server function can be started or stopped by you. Send a text reading: "START*123456" or "STOP*123456" to your tracker. "START" or "STOP" are commands, "123456" is password. The tracker will reply "Start / Stop upload location", If the password is wrong, it won't work and the tracker will send you back a message saying "Wrong Password". Normally the tracker will start uploading location if the tracker begins to move. If the upload is stopped by the user, from then on, location & any new history tracking cannot be checked on the app/website/platform any more.

9. Set APN & GPRS user name & password

This tracker uses GPRS to upload the information to your internet server, most SIM cards need active GPRS service

first by SMS. The tracker can configure APN automatically after power is switched on accordingly with different SIM cards. If the APN & GPRS user name or password are not right, the tracker cannot upload trackers location to platform (Red LED will flash twice, and the location cannot update on the platform), then you need to send a SMS to your tracker to change the settings manually. Please confirm the auto configuration of APN & GPRS user name password is right, call your tracker SIM card mobile phone company to get the APN & GPRS setting, sending SMS "CHECK*123456" to the tracker can check the current APN & GPRS auto setting. if the APN & GPRS are not right, please set it up by using the following description.

Send SMS "APN*123456*apnname" to the tracker, in which, "APN" is the fixed command, "123456" is the password and "apnname" is the APN name of a mobile phone company. Having successfully been made, there will be a SMS "APN: apnname".

Send SMS "USERNAME*123456*username*password" to the tracker.

"USERNAME" is a command. "123456" is the password of the tracker; "username" is the mobile company GPRS user name, "password" is the mobile company GPRS password,