800 Portable Real Time GPS Tracker

Welcome to use this Real Time GPS tracker CCTR-800, This product is with GPS module and GSM module, It has many new and unique functions, such as real time uploading current location to website, display history tracking on website, Also It can be used as personal tracker, it has SMS locate and link locate function without platform, and the other function such as waterproof, magnetic pin, built in shock sensor to control power saving, these functions are also very especial, and the object shock & move alarm, big capacity long life(1-10 days, standby mode) rechargeable polymer battery (2000mAH), over area alarm, over speed alarm, emergency SOS help, these functions are useful.

With GPS and GSM, the tracker sends the present location information through GPRS to our central service computer, so that the user can visit our website with the applied user's name and password (Given by us) through any computer with available internet, and without downloaded any software. And it can help to arrange the whole fleet or the vehicles of company or group or personal vehicles with the anti-hijack function.

It can be used as tracking cars, company vehicles, buses, taxis, trucks, elders, kids, children, outside workers, travelers, explorers, overlanders, pets, moving equipments, transportations, criminals etc.

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Packing list

GPS tracker, car adapter, USB charger wire, manual.

SOS | Charging Socket   SIM Card Rubber Cover   USB Charging Wire   12/24V Car Adapter

The following is the optional accessory

12-24V DC Adapter   Home AC Adapter (USA)   Home AC Adapter (Europe)

Before Using

First to buy a 2G GSM phone SIM card, which needs SMS service and incoming caller ID display and GPRS function, and please disable the PIN code of the SIM card, this SIM card phone number is the tracker number and all the operations (calling and sending SMS) to the tracker is this number.

After install the SIM card to tracker, you should set APN name and GPRS user name & password first , but for some mobile phone company, it is not necessary to set APN or GPRS user name & password, please call your mobile phone to confirm these.

Power on the tracker, and confirm the tracker can receive the GPS signal and GSM signal (Green LED will flash once every 4 seconds), when the tracker begin to move, the tracker will upload the location to the website (Default IP is 121.37.59.109,9066, you should set IP first if the IP is changed, notice will display on website if IP is changed)

Free service charge real time tracking platform:

http://www.cargpstracker.net:9090/en

Platform user name and password is the last 6 digital number of the tracker's ID number, user can send SMS "ID*password" (Tracker default password is 123456) to the tracker to check the ID number, user can change the password and user information (Such as car plate, phone number), but can not change the user name, our administrator can change the user name by user request (ask your dealer to contact us), User login the website can see the current location

on the Google map or local map, also user can display the history tracking in the specified date and time.

If you have several trackers, we can create a user that can see all your trackers after you login, this can be used as fleet management, ask your dealer to contact us.

Also this tracker can be used as normal SMS method personal tracker without platform, call the tracker (Default is send back latitude & longitude by SMS, also can send back map website link by SMS after set to link mode) or send a SMS (SMSLOCATE or LINKLOCATE) to tracker, the tracker will send back latitude & longitude or location website link by SMS, visit www.followmegps.com or click the link you can see the location on Google map.

1. **Install SIM card**

Pulling out the long narrow rubber stopple beside the tracker, you can see the SIM card socket, beside which, press the yellow switch button with a tool and then the holder will come out. Pull it out and put the SIM card in the holder and then push the holder into the tracker, (Pay attention to that the SIM card metal contact pin can not face down to the holder) at last push the long narrow rubber stopple into the tracker to cover the SIM card socket.

Note: 1. This tracker use 2G GSM network, and it upload tracking only through GPRS, it can not work in CDMA network or 3G(WCDMA or CDMA2000) network. (Some 3G SIM card can use in 2G GSM network, this SIM card can use in this tracker)

2. Please confirm the PIN code of the SIM card is disabled.

3. Before installing or uninstalling the SIM card, please power off the tracker.

2. **Power ON / OFF**

◆ When power is OFF, please press the "SOS" button till the GREEN LED is ON, release the button and the tracker is power ON.

◆ When power is OFF, install the SIM card holder to the trakcer, the tracker will power on automatically.

◆ When power is OFF, recharging the tracker, the tracker will power on automatically.

◆ When the power is ON, press and hold the "SOS" button till the GREEN LED flashes very fast, release the button, again press the "SOS" button 3 times, then the GREEN LED will turn off and the tracker will power OFF.

◆ When the battery voltage in the tracker is too low, the tracker will power off automatically.

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 continuously : Power off

GREEN LED Flash fast : incoming a call or sending SMS

RED LED Flash once : uploading current tracking

RED LED Flash twice : last upload tracking fail

4. Recharge the tracker

◆ Warning: this tracker only uses the 5V DC voltage to recharge, too high voltage or AC voltage may damage the tracker or even cause accidents, so please check and confirm the adapter model is suitable for this tracker, for which we recommend using our OEM charger to recharge the tracker.

◆ Use the car adapter to recharge the tracker. Insert the USB wire into car adapter, the other side into the tracker. If the LED on the car adapter is RED, it means that it is recharging, if it is GREEN, it means the recharging is finished. The recharging time is about 3-4 hours

◆ Use the home AC adapter to recharge the tracker. Insert USB wire into the AC adapter, the other side into the tracker. The recharging needs about 3-4 hours.

◆ Use PC to recharge the tracker. Insert USB wire into the computer USB socket, the other side into the tracker. The recharging needs about 3-4 hours.

5. Back to default set

Pull out the SIM card holder beside the tracker, press the "SOS" button and don't release, Push the SIM card holder into the tracker again, the tracker will power on automatically, a few seconds later the GREEN LED will flash 10 times and turn ON continuously, and then release

the "SOS" button, the tracker is back to default configuration,(Notes: Under this condition all preset phone number and password had been delete, all the alarm setting back to default, and the password is changed to default : 123456)

6.   ANTENNA

◆   The Antenna of GSM and GPS are built in the tracker.

◆   Pleas leave the tracker away from big metal, this will reduce the GSM and GPS signal.

7.   Waterproof

The design of the tracker is IP56 level waterproof, it means the raining or sprinkling can not damage the tracker, but you can not drop the tracker into water.

8.   Shock Sensor Control GPS ON/OFF and Power Saving

This tracker built in shock sensor, default is SHOCKCONTROL mode, when the tracker begin to move, the tracker will turn on GPS and upload location automatically, when the tracker keep stop moving 2 minutes, the tracker will turn off GPS & GPRS automatically (Stop uploading location), this can make the battery life longer.

9.   Using Condition

The working temperature is -20 ^{0}C to 60 ^{0}C, over this range the specification maybe can not reach the standard level, the storage temperature can reach to -40 ^{0}C to 80 ^{0}C.

Platform Operation Guide

This platform is designed by our company, and is only suit for our real time tracking series products, for example CCTR-800/801/808/810 etc. the platform is free service charge, it has many langue version, the English version website address is as follow:

http://www.cargpstracker.net:9090/en

Every tracker have a unique user name and password, the user name is the last 6 digital number of the tracker, for example the tracker ID is : CW0810C12345678901, and then the user name on the platform of this tracker is : 678901, and the platform password for this user name also is :678901. Please send SMS "ID*123456" to tracker to check the tracker ID.

user can change the password and user information (Such as car plate, phone number), but can not change the user name, our administrator can change the user name by user request , also if you have several trackers, we can create a user that can see all your trackers after you login, ask your dealer to contact us.

Note: The time display on the left up corner of the platform is your local PC time, but the tracker

time uploading to the server on the internet is GMT time (Greenwich Mean Time, London, England), user local time has a fixed interval compare with GMT, for example America Newyork time is -5 hours than GMT, this means newyork time is later 5 hours than GMT. Another example, Japan Tokyo time is +9 hours than GMT, it means earlier 9 hours than GMT. so all the time display of the location is GMT time.
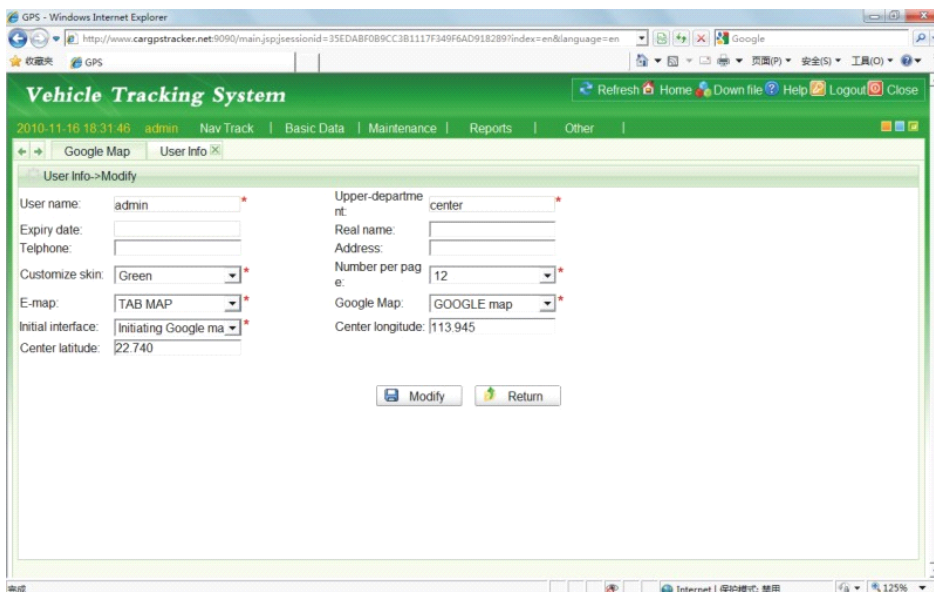
➢ **Platform Login:**

Visit http://www.cargpstracker.net:9090/en, the login page will display as follow,:
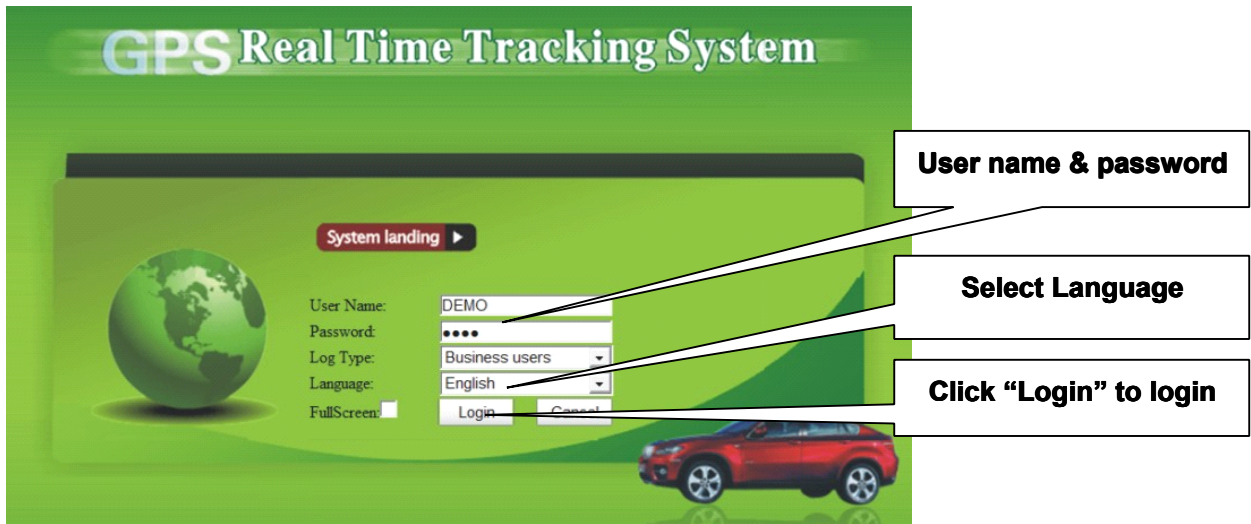

➢ **Change User information:**

Click the menu "Other" on the top, there will be a pull-down menu, click the "User Info", there will be a menu as follow:

The "user name" and "upper department" are forbidden to change; the Expire date, Telephone, Number per page, real name and address is not necessary to change; and the

"customize Skin" you can change "Green", "Blue", "Orange"; if you need use local map info map, you need select E-map is "TAB MAP", otherwise it is not necessary to change; Google Map is "GOOGLRE map", please do not change this selection, otherwise the map will not display; the Initial Interface is "initial Google map", please do not change this selection, otherwise the map will not display; Center Longitude and center latitude is the map center location when you login, you can input the longitude and latitude of your local center location, then every time you login will display the map of your local location.

➢ **Change display car plate and phone number:**
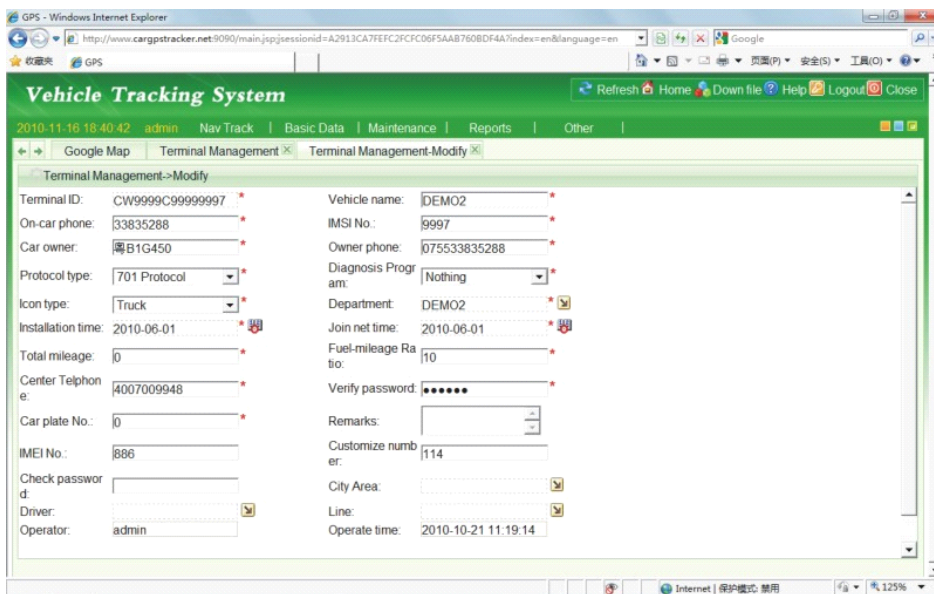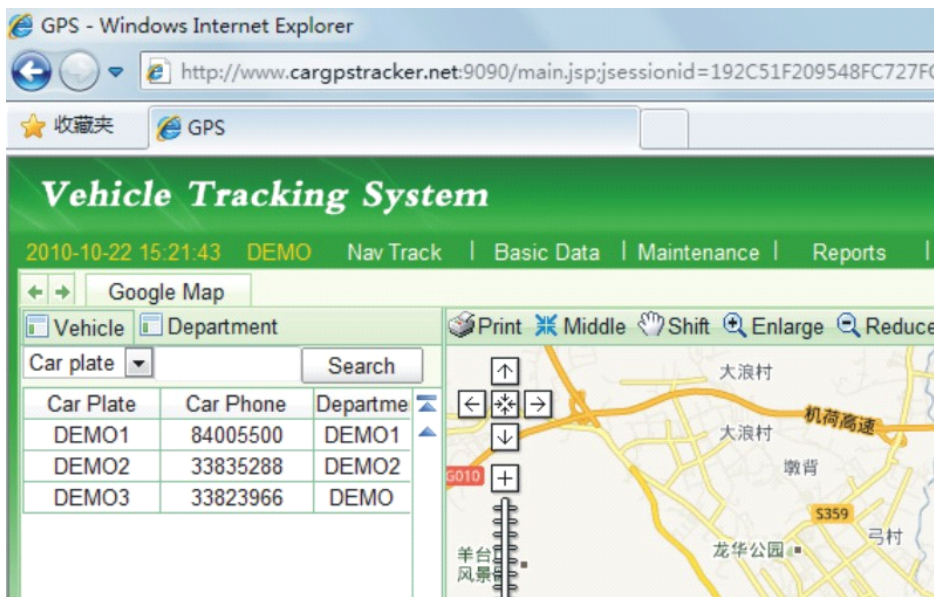
After login the platform, the upper left window will display the car plate of this user, please see the first picture, you can change the car plate and car phone that display in the upper left window, but you can not change the department that display in the upper left window, Click the

menu "Basic Data" on the top menu, there will be a pull-down menu, click the "Terminal Management", there will be a menu as the above second picture.

The "Terminal ID" and "Department" are forbidden to change; the "Vehicle name" is the name display on the table of the "Car plate" in the upper left window; the "On-car phone" is the phone display on the table of the "Car phone" in the upper left window; the "car owner" is the owner display on the table of the "Owner name" in the down right window; the "owner phone" is the owner phone, and this phone will not display on the screen, and it is used as service center to contact car owner; the "Protocol type" is "701 Protocol", please don't change this selection; the "Icon type" is the tracker icon display on the map window, you can select "Car, Bus, Truck" etc; the others is not necessary to change;

➢ **Change User password:**

Click the menu "Other" on the top, there will be a pull-down menu, click the "Modify Password", there will be another menu, input the old password and new password is ok.

➢ **Platform Tracking Page:**

After login the platform, the latest location of all the tracker belong this user will display on the map, and every 2 minutes the display will update the new location of all the tracker, if the tracker is moving the icon of the tracker is GREEN; if the tracker is stop moving, the icon of the tracker is BLUE; if the tracker is alarming, the icon of the tracker is RED; the icon type(Car, truck, bus etc.) of the tracker you can change in the "Terminal management". This page can be used as tracking all the trackers belong to this user.

Double click with muse left button on any car plate display in the upper left window, the latest location of the car will display on the map, this can be used as check the car latest location, also all the tracker latest status will display below "Vehicle list" in the bottom right window,

Click once the right button of the mouse on any car plate in the upper left window, there will be a pop menu, and then move the mouse and click the left button of the mouse can operate the instruction, such as "realtime tracking", "vehicle state" , "track playback" etc.
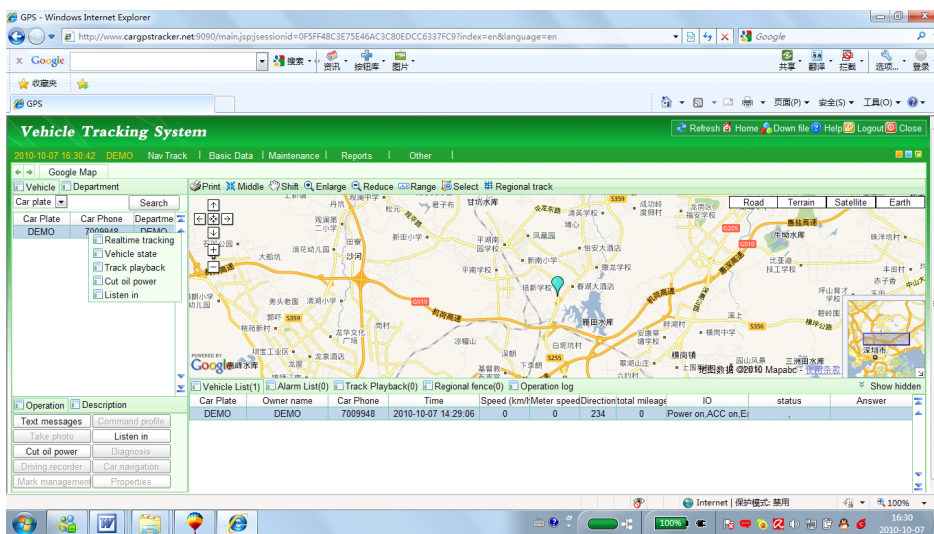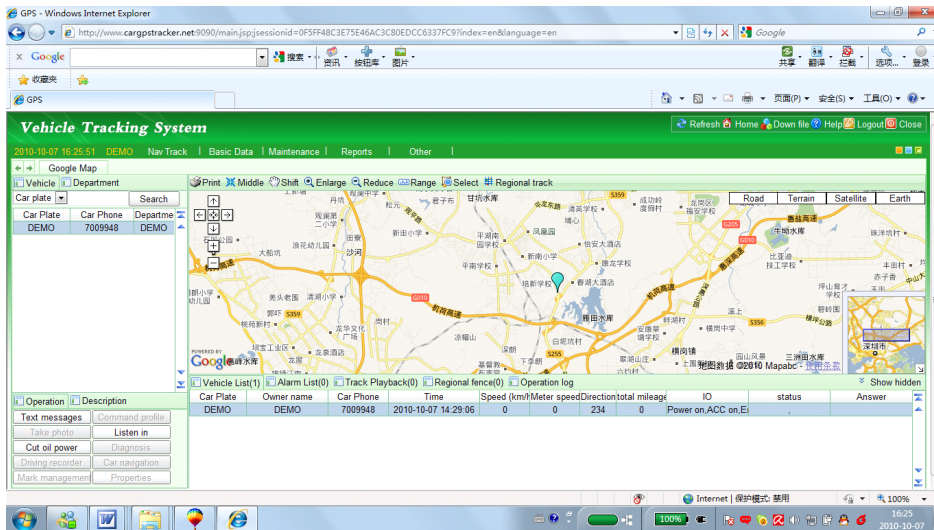
➢ **Display history tracking:**

Move the mouse on the car plate, click the right muse button will pop up a menu, click the "Track playback" button with left button, there will be a menu to let you select date and time (Please note the date and time is GMT time, not your local time).
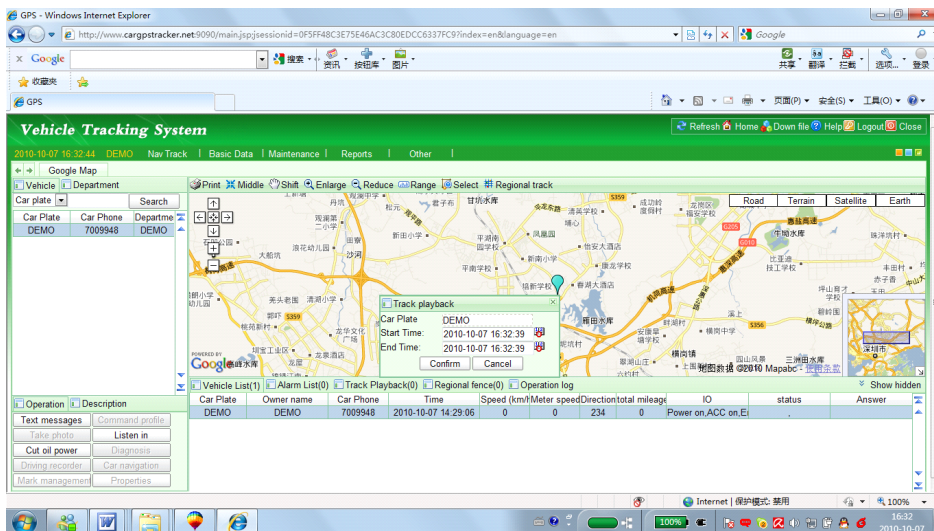
Select date and time, then click "Confirm" , the tracking will be loaded to the computer.

Click "OK", then click the "Track playback" menu with left button, there will be another track display back menu, click the "Play" menu with left button, the tracking will begin to display on the map.
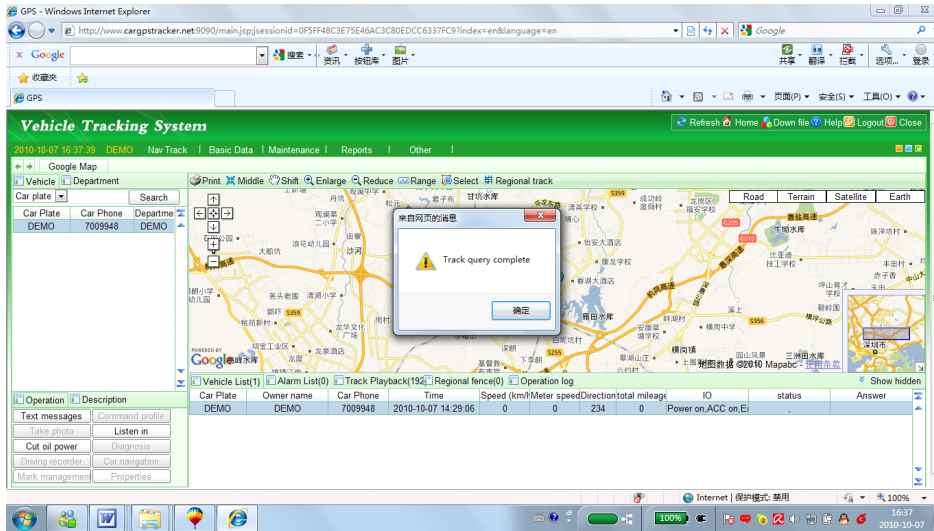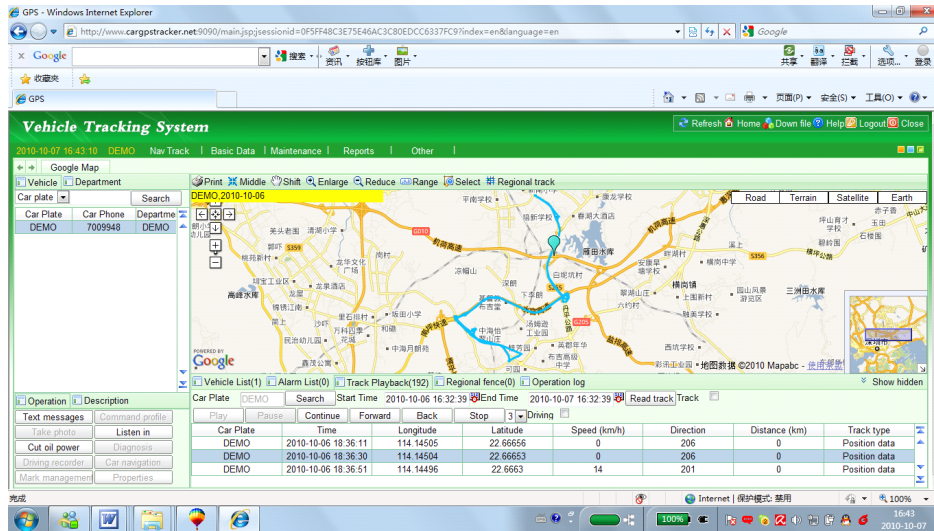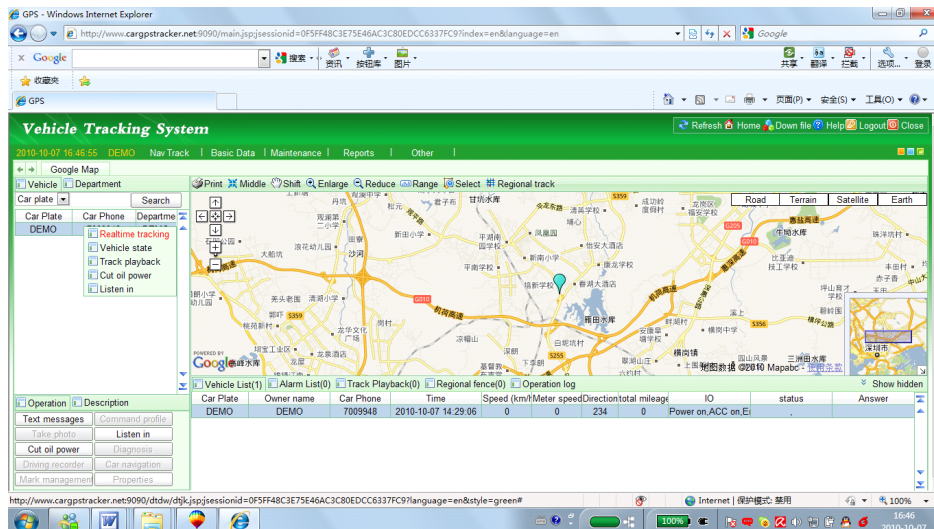

➢ **Real Time Tracking:**

Move the mouse on the car plate, click the right muse button will pop up a menu, click the "Realtime tracking" button with left button, this will tracking the selected car in real time.

➢ **Download platform operation guide**

For more detail information about the platform , please read the platform user guide, the guide can be download from the website, Move the mouse to the right and up side on the screen, click the "Down file" button with left button, there is another menu will pop up, you can select download Platform operation Guide.

Also user can select map info format map on local computer, this will need download JAVA run environment client software to install on the local computer. For most country on line Google map is good enough, it is not necessary to use local map info map. But the map info map on the local computer will be faster, the online map will use more time to load.

Instruction Description

Set Website Server IP address:

Send SMS "IP*123456*121.37.59.109,9066" to the tracker, in which, "IP" is the fixed command, "123456" is the password and "121.37.59.109,9066" is the IP address of the server computer of our website. Having successfully been set , there will be a SMS "Set IP Address Successfully". However, the IP address may be changed with the upgrade of our service so please see to the notices on our website or to inquire the agents.

Notice: The tracker has default IP address is : "121.37.59.109,9066", it is not necessary to set

Set APN name:

For some mobile phone company, there must be to set the APN name to get through the internet by GPRS. 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 (for example, china mobile company apnname is CMNET). Having successfully been made, there will be a SMS "APN: apnname".

Notice: Some mobile company is not necessary to set APN or GPRS user name & password, please contact your mobile company to confirm this, or get APN and GPRS user name & password from your mobile phone company that the tracker used.

Set GPRS User Name & Password:

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, if the operation is success, the tracker will send back the information "Username:username, Password:password", please call the mobile phone service hotline to get the GPRS username and password, some mobile company do not need set the GPRS username and password. if the password is not right, the operation is fault, the tracker will send back information "Wrong Password"

Note: before upload the tracking user need set IP, APN, GPRS user name & password (2G GSM network APN, GPRS name &password, 3G network is not suit for this tracker), these only need set once, and will be saved in the tracker.

Check Tracker ID Number :

Send SMS "ID*123456", in which, "ID" is the fixed command and "123456"is the password. Having successfully been made, there will be a SMS "ID: CW0800C12345678901", in which, "CW0800C12345678901" is the ID and every tracker corresponds to the only number. This number is used to differ the tracking uploaded to the website from others. the last 6 digital number of the tracker ID is the user name and password of the tracker on the platform, for example the tracker ID is : CW0800C12345678901, and then the user name on the platform of this tracker is : 678901, and the platform password for this user name also is :678901,user can login the platform to change the password.

Set GPS ON/OFF Control by SHOCK SENSOR:

Send SMS "SHOCKCONTROL*123456" to tracker, "SHOCKCONTROL" is a command; "123456" is password; Set GPS power control is SHOCKCONTROL mode, then the GPS power ON or OFF is controlled by shock sensor, if the tracker is moving, the GPS will on continuously, if the tracker do not move over 2 minutes, the tracker will turn OFF GPS power, this mode can enlarge the battery life. Under this mode, when the tracker can not receive GPS signal (in room or underground), it will report location before enter room.

Keep On line (keep upload tracking):

Normally the upload location is controlled by shock sensor, when the object begin to move on, the tracker will begin to upload tracking to server, also you can trigger the tracker to upload the tracking all the time. Send SMS "KEEPONLINE *123456" to tracker, "KEEPONLINE" is a command, "123456" is password, After receive this SMS, the tracker will keep upload the current location and will not go to sleep mode however the tracker is moving or not, this mode can be used as tracking stolen car. This status can be cancelled by "CANCELALARM" instruction (Back to shock sensor control uploading).

Trigger Upload Tracking Immediately (Weak up from standby mode):

Send SMS "UPLOADTRACKING *123456" to tracker, "UPLOADTRACKING" is a command, "123456" is password, After receive this SMS, the tracker will upload the current location immediately, if the tracker keep stop moving over 2 minutes, the tracker will turn off GPS and GPRS and go to standby mode, shock sensor and SMS can trigger the tracker begin to upload tracking.

START or STOP working temporarily (Stop uploading tracking)

Send SMS "START*123456" or "STOP*123456", to tracker can start or stop the tracker uploading location to website, in which, "START" or "STOP" is the fixed command, "123456" is the password, After stop the system, the tracker will go to standby status, turn off GPS and GPRS, and stop upload tracking to website, even if the tracker is moving, but the GSM is still in standby status, send START SMS can make the tracker go to working status.

Notes: The Following instruction such as SMS locate, LINK locate, Shock alarm, Over area alarm, Over speed alarm, can be work without platform, these can be used like normal personal SMS tracker without platform.

Add / Delete / Check preset number:

This tracker has 2 way to trigger the locating immediately, one is using preset phone number call the tracker, tracker will hang up the phone automatically and locate immediately, and then send back the location information by SMS, if the preset phone number is not set, any phone calling can trigger the locating; Another is sending a SMS including password to tracker to trigger the locating or uploading, any phone can use this method, and the password is needed, so please keep your password safety.

1. Add preset phone number by SMS

Send SMS"ADDPHONE*123456*A*number"(Not including the quotation marks " ", Number means the telephone number you want preset, the following is same) to tracker is OK, "ADDPHONE" is a command; "123456" is password; "A" is preset number location, every tracker have is 3 preset phone number location, A , B and C, so you can preset 3 phone number, if the add operation is success, the tracker will send back the information "Add Preset Phone OK", if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

2. Delete preset phone number by SMS

Send SMS "DELETEPHONE*123456*A" to the tracker, "DELETEPHONE" is a command; "123456" is password; "A" is preset phone number location, there is 3 location "A", "B" and "C"; if the delete operation is success, the tracker will send back the information "Delete Preset Phone OK", if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

3. Check preset phone number by SMS

Send SMS "CHECKPHONE*123456" to tracker, "CHECKPHONE" is a command; "123456" is password; if the operation is success, the tracker will send back the information "Preset Phone A: 13322990998；B：13322990033；C：13316868198", the phone number is just an example. if the password is not right, the operation is fault, the tracker will send back information or "Wrong Password".

Change / Check Password

1. Change tracker password

Send SMS "CHANGEPASSWORD*123456*888888" to tracker, "CHANGEPASSWORD" is a command; "123456" is old password; "888888" is new password; if the operation is success, the tracker will send the information " New Password：888888" to every preset phone number,

if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

Note: Only preset phone can change the password.

2. **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 preset phone can check the password.

Set SMS locate mode when calling tracker (Factory Default Mode):

1. **Send SMS "SMSMODE*123456" to the tracker, "SMSMODE" is a command, "123456" is password; if the operation is success, the tracker will send back the information " Set Report Mode to SMS" , if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".**

    Please note that this SMS is just a mode setting command, it will not trigger the tracker locate immediately, Call the tracker or send SMSLOCATE SMS can trigger locate immediately.

2. **Under this report mode, using preset phone call the tracker, after ring 3 times, the tracker will hang up the call automatically and locate immediately, about 30 seconds, the tracker will send back the SMS location information (latitude longitude speed battery time etc) of current location to the caller. If the tracker has not preset number, any phone call can trigger the tracker to locate immediately and send back location, if the tracker has preset number, then only preset phone call can trigger the tracker to locate immediately.**

3. **Basic Location information including Latitude, Longitude, Speed, Direction, Date & Time, Battery etc.   the SMS information sample is as follow:**

    Latitude:22.680206N

    Longitude:114.146998E

    Speed(km/h):45.0

    Direction(Degrees):303.30

   **GMT:2008/04/25 08:29:06.000**

    Battery:91%

    The first line is the latitude of the tracker.

The second line is the longitude of the tracker.

The third line is the speed of the tracker (the speed maybe is not zero if the object is not moving because of the GPS precision)

The fourth line is the moving direction of the tracker(It is the direction of the tracker moving to, from the north it is 0, and the east is 90, and the south is 180, and the west is 270, full circle is 360, it is clockwise, the direction maybe not right if the object stop moving because of the GPS precision).
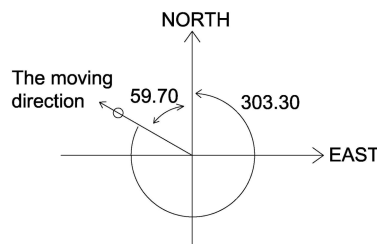
The fifth line is the GMT time and date, (this time is the world standard Greenwich time, and this time is the 0 degree longitude line time, your local time need add or minus a fixed number of hours, for example China Beijing time is GMT add 8 hours, it means it is 8 hours earlier than GMT).

The sixth line is the tracker battery capacity, if the battery is lower than 10%, tracker will send battery low information to preset phone number.

4. If the tracker can not receive the GPS signal, it can not locate current location, then it will send the last locating information to caller, and add a warning information "GPS signal weak, Last located:" , the following information is the last locating information.

5. User visit our website www.followmegps.com to input the latitude & longitude can locate tracker on the flat map or earth map, also user can use free Google Earth to locate the tracker.

Send a SMS trigger SMS locate

Also send a SMS "SMSLOCATE*123456" to the tracker, "SMSLOCATE" is a command, "123456" is password; the tracker will locate immediately and send back the location information (latitude longitude speed battery time etc) of current location to the caller. The SMS example is same with above, if the password is not right, the operation is fault, the tracker will send back information "Wrong Password.

Set website map link locate mode when calling tracker:

1. Send SMS "LINKMODE*123456" to the tracker, "LINKMODE" is a command, "123456" is

password; if the operation is success, the tracker will send back the information " Set Report Mode to Map Link" , if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

Please note that this SMS is just a mode setting command, it will not trigger the tracker locate immediately. Call the tracker or send LINKLOCATE SMS can trigger locate immediately.

2. Under this report mode, using preset phone call the tracker, after ring 3 times, the tracker will hang up the call automatically and locate immediately, about 30 seconds, the tracker will send back the SMS location information (map website link) of current location to the caller. user can use smart phone to click the website link to visit internet, and the location will display on the map on your phone(the smart phone SIM card need enable the GPRS function). If the tracker has not preset number, any phone call can trigger the tracker to locate immediately, if the tracker has preset number, then only preset phone call can trigger the tracker to locate immediately.

3. Basic Location information including Map Website Link, Battery etc.

    the SMS information sample is as follow:

    http://www.followmegps.mobi/map.aspx?lat=40.756441&lng=-73.986378&l=en

    Battery:91%

    The first line is the current location on the map website link, the other information is same as above.

4. Use a mobile phone with GPRS function and built in internet explorer, click on the link with map location to visit the website and the location will display on the map automatically. Also the location text description on map will display on the top of the map. click + and – can zoom in or out the map, The following is example.

Send a SMS trigger website map link locate

Send SMS "LINKLOCATE*123456" to the tracker, "LINKLOCATE" is a command, "123456" is password; the tracker will locate immediately and send back the location information (map website internet link) of current location to the caller. use smart phone to click the website link to visit internet, and the location will display on the map on your phone(the smart phone SIM card need enable the GPRS function), if the password is not right, the operation is fault, the tracker will send back information "Wrong Password.

Enable Shock & Move Alarm (Can be used as car alarm):

Send SMS "SHOCKALARM*123456" to tracker, "SHOCKALARM" is a command, "123456" is password, the tracker will send back the information "Set Shock Alarm OK" to indicate the operation is success, if the password is not right, the operation is fault, the tracker will send back information "Wrong Password"

After enable shock alarm, the system will check shock sensor, if the shock sensor is trigger, the tracker will send alarm and location information by SMS to who set the alarm, and also send the alarm information to the website server, and later every 2 minutes the tracker will send alarm information by SMS if the tracker keep moving. 3 times alarm later, shock alarm will stop, user can send SMS to enable the shock alarm again, this function will not turn on GPS continuously, it will turn on GPS only when the shock alarm is trigger, so it will not reduce battery power.

The shock & move alarm SMS is as follow:

Shock Alarm

Latitude:22.680206N

Longitude:114.146998E

Speed(km/h):45.0

Direction(Degrees):303.30

GMT:2008/04/25 08:29:06.000

Battery:78%

Note: this alarm also can be set by the website.

Over Area Alarm:

Send "SETAREA*123456*A22.670000N114.140000E*B22.680000N114.140000E" SMS to the tracker, "SETAREA" is a command, "123456" is password, "A22.670000N114.140000E" is the longitude and latitude of the first point(Point A) location, "B22.680000N114.140000E" is the longitude and latitude of the second point(Point B) location.

Note: the over area set need 2 point, it is A and B, Point A must be on the Left bottom of the point B, the format of latitude and longitude of every point is as follow: Latitude format is YY.YYYYYYN, it has 8 digits, the last is N or S, means north latitude or south latitude, if the digit is not reach to 8 please add zero to 8 digits, Longitude format is XXX.XXXXXXE; it has 9 digits, the last is E or W, means east longitude or west longitude, if the digit is not reach to 9 please add zero to 9 digits, if the command and password is right, the tracker will send back the information "Set Over Area Alarm OK" to indicate the operation is success. If the password is not right, the operation is fault, the tracker will send back information "Wrong Password"

After set the over area alarm, the system will locate every 5 minutes and check the object is in the preset area or not, if the object is go out the area, then the tracker will send SMS to the phone who enable the alarm. and also send the alarm information to the website server.

The over area alarm SMS information is as follow:

Over Area Alarm

Latitude:22.680206N

Longitude:114.146998E

Speed(km/h):45.0

Direction(Degrees):303.30

GMT:2008/04/25 08:29:06.000

Battery:89%

Note: this alarm also can be set by the website.

Over Speed Alarm:

Send SMS "SETSPEED*123456*040" to tracker, "SETSPEED" is a command, "123456" is password, "040" is the preset report speed, the speed must be 3 digits , from 000 to 999, unit is Km/hour, the tracker will send back the information "Set Over Speed Alarm OK" to indicate the operation is success. If the password is not right, the operation is fault, the tracker will send back information "Wrong Password"

After set the over speed alarm, the system will locate every 5 minutes and check the speed of the tracker is higher than the preset speed or not, if the speed is higher than the preset speed, the tracker will send SMS to the phone who enable the alarm. and also send the alarm information to the website server,

The over speed alarm SMS is as follow:

Over Speed Alarm

Latitude:22.680206N

Longitude:114.146998E

Speed(km/h):45.0

Direction(Degrees):303.30

GMT:2008/04/25 08:29:06.000

Battery:78%

Note: this alarm also can be set by the website.

Low Battery Alarm:

When the tracker battery voltage is low, the GREEN LED of the tracker will flash 3 or 4 times, and then the tracker will automatically send battery low information to the first preset phone number. the battery life can last about 1-10days according the different using condition. (For example GPS and GSM signal is not good will reduce the battery time, and keep moving and uploading will also make the battery time to 1-2 days.)

Cancel All Alarm Setting

Cancel all the alarm setting: Send SMS "CANCEALARM*123456" to tracker, "CANCELALARM" is a command, "123456" is password, the tracker will send back information "All Alarm Cancel", and cancel all the alarm setting in the tracker, including shock alarm, over area alarm, over speed alarm, keep online(change to shock sensor control uploading), stop working(change to start working), etc. if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

Auto Re-power On and Reset Tracker

Auto power off and power on and Cancel all the alarm setting: Send SMS "RESET*123456" to tracker, "RESET" is a command, "123456" is password, The tracker will power off and then power on automatically, this will take a few minutes, and then cancel all the alarm setting in the tracker, including shock alarm, over area alarm, over speed alarm, keep online(change to

shock control), stop working(change to start working), etc. the tracker will send back information "Reset Tracker", if the password is not right, the operation is fault, the tracker will send back information "Wrong Password".

Set Langue:

Send SMS "ENGLISH*123456" to the tracker, "ENGLISH" is a command, "123456" is password; if the operation is success, the tracker will send back the information " Set Langue to English" , If the password is not right, the operation is fault, the tracker will send back information "Wrong Password". After setting the langue to english, all the SMS information is change to english, the default langue is english, also you can set the langue to chinese, replace the command "ENGLISH" to "设置中文" is OK.

"SOS" Emergency

Press the "SOS" button 6 seconds, first the LED will flash fast, then the LED will turn OFF, release the button, the tracker will send SOS help information to all 3 preset phone.

HELP！！！

Latitude:22.680206N

Longitude:114.146998E

Speed(km/h):45.0

Direction(Degrees):303.30

GMT:2008/04/25 08:29:06.000

Battery:68%

If the tracker receive the HELP information, please note that the SOS button must be pressed, please confirm with the user is safe or not.

Instruction List

Function	SMS Instruction	Note	Reply	Note
Set IP address	IP*123456*121.37.59.109,9066	Any mobile phone can set	IP: 121.37.59.109,9066	Reply to operation phone
Set APN name	APN*123456*apn name	Any mobile phone can set	APN:apnname	Reply to operation phone
Set GPRS user name & password	USERNAME*123456*username*password	Any mobile phone can set	Username:username, Password:password	Reply to operation phone

Check tracker ID Number	ID*123456	Any mobile phone can set	ID:CW0810C12345678901	Reply to operation phone
Set GPS power SHOCKCONTROL	SHOCKCONTROL*123456	Any mobile phone can set	GPS & GPRS is controlled by shock sensor	GSM is ON, GPS is controlled by shock sensor
Keep On Line	KEEPONLINE*123456	Any mobile phone can set	upload current location immediately	Reply to operation phone
Stop working temporarily by SMS	STOP*123456	Any mobile phone can set	Turn off GPS and GPRS, the GSM go to standby status	Reply to operation phone
Start working by SMS	START*123456	Any mobile phone can set	Turn ON GPS and GPRS, the system go to working status	Reply to operation phone
Add phone number	ADDPHONE*123456*A*13322990998	Any mobile phone can set	Add Preset Phone OK	Reply to the operation phone
Delete phone number	DELETEPHONE*123456*A	Any mobile phone can delete	Delete Preset Phone OK	Reply to the operation phone
Check preset phone number	CHECKPHONE*123456	Any mobile phone can check	A:13316868198; B:13322990998; C:13322990033	Reply to the operation phone
Change password	CHANGEPASSWORD*123456*888888	Only preset phone can change	New Password：888888	Reply to operation preset phone
Check password	CHECKPASSWORD	Only preset phone can check	Password: 888888	Reply to operation preset phone
Calling trigger SMS mode report location	SMSMODE*123456	Any mobile phone can set	Set Report Mode to SMS	Reply to operation phone
Send SMS trigger SMS report location	SMSLOCATE*123456	Any mobile phone can set	latitude & longitude speed direction time battery	Reply to operation phone
Calling trigger Map link mode report location	LINKMODE*123456	Any mobile phone can set	Set Report Mode to Map Website Link	Reply to operation phone
Send SMS trigger map link report location	LINKLOCATE*123456	Any mobile phone can set	Current location map website link	Reply to operation phone
Set shock & move alarm	SHOCKALARM*123456	Any mobile phone can set	Set Shock & Move Alarm OK	Reply to operation phone
Set over area alarm	SETAREA*123456*A22.670000N114.140000E*B22.680000N114.140000E	Any mobile phone can set	Set Over Area Alarm OK	Point A must be at the east bottom of point B

Set over speed alarm	SETSPEED*123456*080	Any mobile phone can set	Set Over Speed Alarm OK	Reply to operation phone
Cancel All Alarm Setting	CANCELALARM*123456	Any mobile phone can set	All Alarm Cancel	Reply to operation phone
Auto Re-power on & Reset tracker	RESET*123456	Any mobile phone can set	Tracker Re-power on and cancel all alarm setting	Reply to operation phone
Set langue to English	ENGLISH*123456	Any mobile phone can set	Set langue to English	Reply to operation phone
Set langue to chinese	设置中文*123456	Any mobile phone can set	设置中文成功	Reply to operation phone
SOS Emergency	Press SOS button until the GREEN LED turn off		HELP + location information	Send SOS HELP information to all preset phone

1. The default password is 123456, for example the tracker phone number is 13088803220, if you like set the preset phone is 13322990033, then send SMS "ADDPHONE *123456*A*13322990033" to 13088803220 is OK, if the tracker reply "SET OK", it means operation is success.

2. Please add preset phone first then change the password.

3. Every tracker can set 3 preset phone number

4. All the SMS information is in English word, "*" is the star key, "" is not including in the SMS information, it is just used to indicate the information.

Notes:

1. Please confirm that the SIM card PIN code has been disabled, it means if mobile phone use this SIM card, it is not necessary to input any password. Otherwise the tracker can not find GSM network, the Green LED will keep ON .

2. This tracker use 2G GSM network, and it upload tracking only through 2G GPRS, it can not work in CDMA network or 3G(WCDMA or CDMA2000) network.

3. The antenna of GSM and GPS is built in tracker, please note that the install location of the tracker must can receive the GPS signal, normally the back of the seat or arm rest box or under the back window or room on the panel etc. please leave away the tracker from big metal, and keep away from the magnetic components.

4. The tracker built in high capacity Li battery, recharge one time can use about 1-10 days, also you can connect the tracker and DC adapter to the car battery all the time, this can keep the tracker has power supply continuously, and the charging circuit will

control the recharging, please use our OEM DC adapter.

5. The tracker built in GSM and GPS module, so please power off the tracker at the special place that restrict using mobile phone, such as on the plane, hospital, fill station etc.

6. 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 to send by the GSM network, this is normal.

7. The tracker can be work with platform, also it can be work just like normal SMS tracker without platform. Send SMS or call the tracker can trigger the tracker locate immediately and send SMS back including latitude longitude or location map link to user.

8. The tracking data on our server will keep 1 month, the old data will be deleted.

Trouble Shooting

1. The tracker auto power off: please confirm the tracker battery have power, and try to recharge it; and the SIM card has been installed properly.

2. After power on the tracker, the tracker GREEN LED keep on, and it has not any repose, and no ring, please confirm the SIM card has been installed properly, the SIM card PIN code is disable, and the SIM card has enough charge, and the mobile phone can work well in that place. If the tracker work well the Green LED will flash once every 4 seconds.

3. If the tracker can not upload location to website, please confirm the SIM card has GPRS function, and has set the APN or GPRS username & password (call the mobile phone hotline to confirm it is necessary to set these or not). if the tracker do not move, the tracker will not upload tracking, try walking with the tracker.

4. If the tracker can not send back information by SMS, please confirm the SIM card has ID caller display function and SMS service function, and please read the SMS information of the tracker sending back, and check the instruction & password is right or not.

5. When call the tracker, it has ringing, but it will not hang up the calling, please check the tracker has set the preset phone number, use the preset phone or delete the preset phone number is OK.

6. Can not login the platform: use SMS to check the ID of the tracker, and try it again, if not success please contact us.

7. After go out the under ground park, some tracking will lost, the GSM and GPS module will take a few minutes to receive signal and re-locate, some tracking maybe lost, this is normal.

8. Some time some location point is lost, this is normal, in the transmit process, some point maybe is lost, but this will not happen very often.

Specification:

GSM Module	SIMCOM 900	GPS Module	Sirf-Star or MTK
GSM Frequency	850/900/1800/1900 MHz	GPS channel	32 channels
GSM / GPS Antenna	Built in	Locate precision	10-20 Meters
GPS Cold Start Time	36 seconds	GPS Hot Start Time	1 second
Recharging Current	< 5V/300mA	Standby Current	< 10 mA
Uploading Current	<200mA / 5V	Battery	2000mAh
Working Temperature	-20 ^{0}C to +55 ^{0}C	Absolute Temperature	-35 ^{0}C to +70 ^{0}C
Storage Temperature	-40 ^{0}C to +80 ^{0}C	Record point no GPRS	32768

Warranty

This system has been tested before sold. We strongly recommend you to get this system installed by professional. There is a one-year warranty except the following condition:

1. Installed, fixed, or changed by personally or unprofessional.

2. Warranty will eliminate 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 a auxiliary product that applying the location of current object, we have not any responsibility if you have damage or lost in using this tracker.

Customer

Addr

Date   Year   month   day

Model   CCTR-800   Serial Number

Distributor

Notes: The explanation of this manual is belonged to our company, some small changes may not notice customer, any problems please contact us, thanks !