

HI-604X



Easy Manual

HI-604X GPS Tracking Device with 3-years Standby Battery/IP56 waterproof

INTRODUCTIONS:

This is a multi-function state-of-the-art GPS tracking solution offering you all in one solution GPS/GSM/GPRS/SMS all in real time - the most flexible tracking device in the world - a great marriage of the latest technology and affordability.

With HI-604X multi function tracker, one can track, remote control, tapping any object globally in real time on the map. User can check the real time location from the GPRS tracking web site or using the Haicom Tracking software installed on the PC and check the real time position on the map via the regular dial tone transmission.

HI-604X tracking Device is the best tracking solution for use in the widest range of applications, from motor homes to mobile home, from cars to caravans, from agricultural machinery to construction equipment, from containers to golf carts – all the assets that you feel could be at risk, especially if they do not have their own source of power.

Just place the tracker where there is no metal material on above, user can see his valuable anytime, anywhere from any computer. The waterproof case allows the tracker still functioning even though under tough and harsh environment. The build in big battery provide the independent power supply even if there is no external power supply. The moving sensor will let the tracker totally switch off (only the microchip standby: 2 mAh) and the tracker can operate very long, could be years, if there is not much movements. With the moving sensor, the tracker will not drain the car battery when the tracker connected to external battery power.

Features

Haicom Asset Tracking Solution offers you a lot of advantages

Quad band 850/900/1800/1900 MHz GSM system

External SiRF Star III high performance GPS receiver

Internal GSM active antennas

Advanced communication via SMS/TCP/UDP/HTTP

Program, control and update firmware the tracker from the OTA (Over the Air) web tracking platform and also USB configurations

Build in motion sensor for power saving

Support emergency/ over speed/ motion/ power lost alarm

Real time location report on preferred interval and vehicle status monitoring

Premium functions: Fast GPS Fixed/ A-GPS/ Geo-Fencing/ Hands free Kit/ Anti-Theft/ Data Logger function with 8MB memory size with 100,000 records or more

Low battery alarm and battery voltage status

- **Our GPRS tracking software Platform and server is free; if you have your own server we can program our tracker with your server protocol**
- **Worldwide coverage with NO additional programs to buy or install - no additional or hidden costs!**
- **Built-in moving sensor with deep sleeping mode (2mA)**
- **Built in 5,500 mAh battery for independent power**
- **Stand-by deep sleeping time up to 180Days (depending on tracking frequency)**
- **Very high sensitivity GPS fixed**
- **Multi-ways tracking software plate form available**
- **Waterproof case for harsh condition environment**
- **Customizations for different tracking applications**
- **Comes with strong Magnetic mounting for easy attachment**
- **Stand alone (Internal Antenna - Self Contained Unit)**
- **Worldwide coverage using GSM/GPRS/SMS**
- **allow you to monitor both on demand or at regular intervals**
- **Ultra low power GPS.**

- **All-in-one design.**
- **Provides you 24/7 access to the location of all your assets.**
- **LIVE real-time tracking, configurable from every 20 second to 72hour GPRS updates!**
- **Give complete supervision into your operations by seeing how long assets are sitting around in one place, when they start moving / stop moving etc.**
- **Establish how long the assets are being used (actual operations time).**
- **Warns when unauthorized/unwanted movement happens.**
- **Provides security and accountability.**
- **Enable the recovery of any stolen assets.**
- **View asset's history online from any computer**

Applications

- **Police Force and law enforcement Sector**
- **Private Investigations Sector**
- **GPS Asset Tracking**
- **GPS Cargo Tracking**
- **Surveillance Work**
- **Anti theft – both domestic and commercial**
- **Asset recovery**

HI-604X Characteristics

Items	Specifications
Power Supply	DC 5V
Backup Battery	5500mAh
Normal power consumption	
Dimension	90.8mm x 52.3mm x 38.9mm
Operating temperature	-20℃ to 55℃
Humidity	5% to 95% Non-condensing
Frequency	GSM 850/900/1800/1900Mhz
GPS Chipset	latest GPS SIRF-Star III chipset
GPS Sensitivity	-159Db
GPS Frequency	L1,1575.42 MHz
C/A Code	1.023MHz chip rate
Channels	20 channel all-in-view tracking
Position Accuracy	10 meters, 2D RMS
Velocity Accuracy	0.1 m/s
Time Accuracy	1 us synchronized to GPS time
Default datum	WGS-84
Reacquisition	0.1 sec. , average
Hot start	1 sec. , average
Warm start	38sec. , average
Cold start	42 sec. , average
Altitude Limit	18,000 meters (60,000 feet) max.
Velocity Limit	515 meters / second (1000 knots) max
Interface	One input and one output

How The HI-604X GPS Tracker Works:

Once fully charged, the HI-604 battery can last up to 180 Days, depending on usage frequency, it has a built-in movement sensor that can be configured directly to alert you on your mobile phone and our server automatically when the object is moved or touched. The owner can locate the asset at any time using our free of charge GPRS web tracking platform or from your smart phone or real time SMS address hyperlink solutions. The HI-604X can also be programmed to automatically report its position at regular pre-set time intervals, which could be from every 30 seconds to every 72 hours. Also, set up to weak up and send location back during the long sleep mode.

Getting Started:

1. Take out the waterproof side rubber seal and connect the 18 pin cable to HI-604 and plug another end to the USB port from computer or to the AC power outlet with the AC adaptor for power charging.



2. Place the SIM card on the SIM card tray and slid in the SIM card tray in. When the SIM card tray inserted in place, the HI-604X power will switch on.



3. To switch off HI-604 power, simply push in the yellow dot with any pen.



Dimensions:



LED Indicator:



LED Color	LED	Status
Amber	On	Charging
	Off	Charge Completed
Green	flashing	GPS in 3D fixed
	Stay on	GPS not 3D fixed yet
	Off	GPS in sleeping mode
Red	On	Battery low
White	64 ms ON/3S OFF	GSM stand-by
	64 ms ON/0.8S OFF	Searching GSM network or no SIM

Standard Packing:

1. HI-604X main unit
2. SIM card tray
3. 18 pin to USB set up cable
4. AC power adaptor
5. DC cigarette lighter
6. mini CD with user manual



The in-build self contained battery:

As mentioned, we can not tell you how long the HI-604 battery can last because it is really depend on how frequent the tracker used and the sleeping mode time.

Anyway, here are the figures:

POWER ON (GPS ON, GSM OFF) mA

GSM connected (GPS on) 90 mA

GPS OFF, GSM ON 25 mA

GPS OFF, GSM OFF 2 mA

Connect HI-604 to vehicle battery:

With the optional car battery cable, user can also connect HI-604 to the vehicle battery for permanent power supply.

Car battery cable:



The car battery cable can be connected directly to the vehicle battery (12V or 24V) and transfer into 5V for the HI-604X. Very important: don't connect HI-604 pintail cable directly to the vehicle battery because the pintail cable takes only 5V.



GPRS Tracking:

Set up the APN, IP and Port:

1. Connect HI-604X to computer USB port with the set up cable

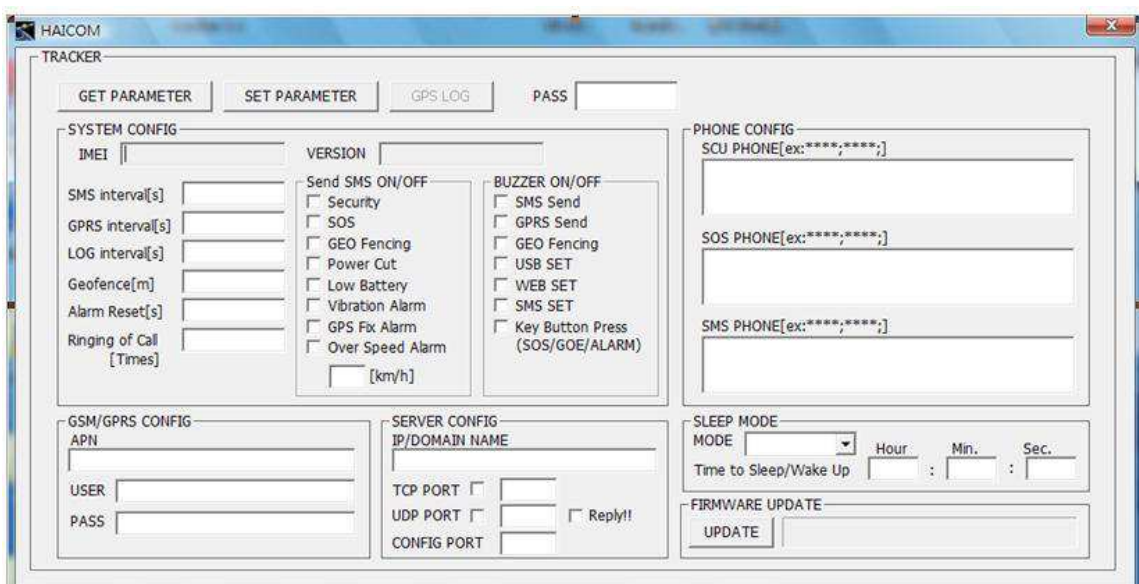
Setting up

For the initial set up from the retail box, you will need to use the set up program from the inclusive small CD and perform the set up from your computer. **Please make sure the SIM card tray is pull off from the holder (User can only program the HI-604X while the HI-604X on power off status)**

1. Connect the 18 pins to USB set up cable from the tracker to your computer USB port:



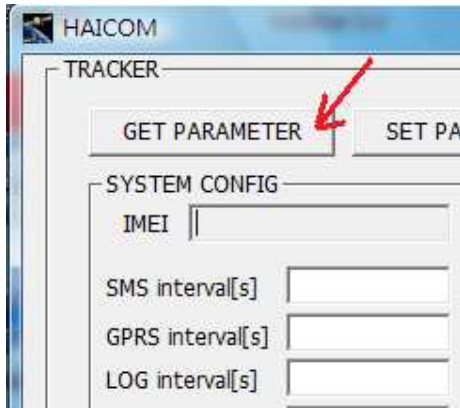
2. Open the tracker set up program:

The screenshot shows the HAiCOM TRACKER setup program window. It has a title bar with 'HAiCOM' and 'TRACKER'. Below the title bar are four tabs: 'GET PARAMETER', 'SET PARAMETER', 'GPS LOG', and 'PASS'. The 'SET PARAMETER' tab is active. The window is divided into several sections:

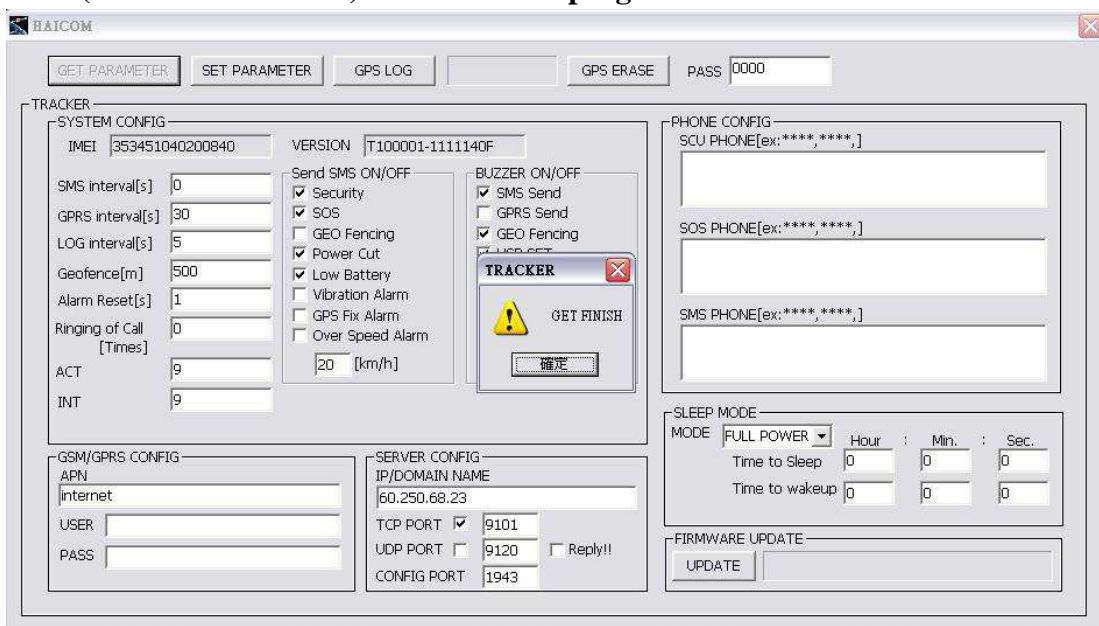
- SYSTEM CONFIG:**
 - IMEI: [text box]
 - VERSION: [text box]
 - SMS interval[s]: [text box]
 - GPRS interval[s]: [text box]
 - LOG interval[s]: [text box]
 - Geofence[m]: [text box]
 - Alarm Reset[s]: [text box]
 - Ringing of Call [Times]: [text box]
 - Send SMS ON/OFF:
 - ☐ Security
 - ☐ SOS
 - ☐ GEO Fencing
 - ☐ Power Cut
 - ☐ Low Battery
 - ☐ Vibration Alarm
 - ☐ GPS Fix Alarm
 - ☐ Over Speed Alarm
 - ☐ [km/h]
 - BUZZER ON/OFF:
 - ☐ SMS Send
 - ☐ GPRS Send
 - ☐ GEO Fencing
 - ☐ USB SET
 - ☐ WEB SET
 - ☐ SMS SET
 - ☐ Key Button Press (SOS/GOE/ALARM)
- PHONE CONFIG:**
 - SCU PHONE[ex:****,****,]: [text box]
 - SOS PHONE[ex:****,****,]: [text box]
 - SMS PHONE[ex:****,****,]: [text box]
- GSM/GPRS CONFIG:**
 - APN: [text box]
 - USER: [text box]
 - PASS: [text box]
- SERVER CONFIG:**
 - IP/DOMAIN NAME: [text box]
 - TCP PORT: ☐ [text box]
 - UDP PORT: ☐ [text box]
 - CONFIG PORT: [text box]
 - ☐ Reply!!
- SLEEP MODE:**
 - MODE: [dropdown menu]
 - Time to Sleep/Wake Up: [text box] Hour : [text box] Min. : [text box] Sec.
- FIRMWARE UPDATE:**
 - UPDATE: [text box]

3. Click the “Get Parameter “



4. Message will shown: “GET FINISH “ and all the tracker current set up will appeared:

Please double check with your local telecomm service provider to make sure the SIM card APN (Access Point Name) and fill in and program to the tracker.



Initial computer set up reminder:

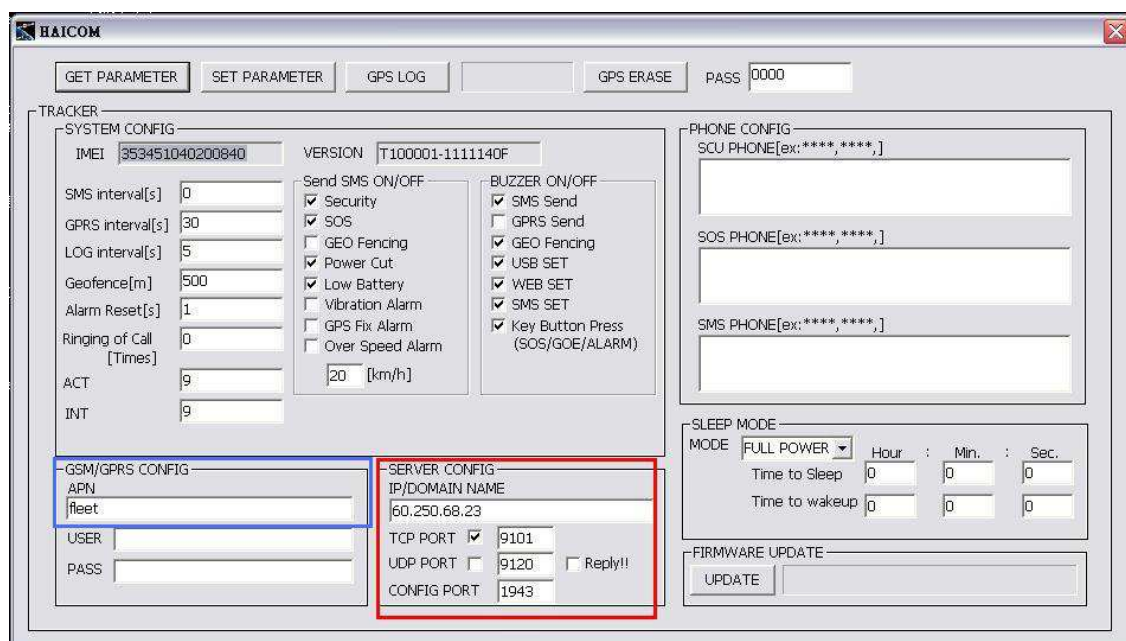
On factory defaults, the basic set up was done.

As soon as you plug in the computer and get parameter, the computer will automatically get and show the tracker imei# on the program.

You will double check with your SIM card telecomm service provider for the correspondent APN (Access Point Name) and key in to the APN section (like the below blue block). The APN could be for instances, “ internet “, “ web.Vodafone “ or any name.

Also, please double check if the IP and port settings (the below red block) was correctly set up. (for use with Haicom GPRS web tracking: <http://www.tracking.haicom.com.tw:8090/Default.aspx>)

The above settings are the must to make the tracker to start sending data back to our server and show on the platform. The rest of selections will be set up depend on individual user’s preferences.



HAiCOM

GET PARAMETER SET PARAMETER GPS LOG GPS ERASE PASS 0000

TRACKER

SYSTEM CONFIG

IMEI 353451040200840 VERSION T100001-1111140F

SMS interval[s] 0

GPRS interval[s] 30

LOG interval[s] 5

Geofence[m] 500

Alarm Reset[s] 1

Ringing of Call [Times] 0

ACT 9

INT 9

Send SMS ON/OFF

☒ Security

☒ SOS

☐ GEO Fencing

☒ Power Cut

☒ Low Battery

☐ Vibration Alarm

☐ GPS Fix Alarm

☐ Over Speed Alarm

20 [km/h]

BUZZER ON/OFF

☒ SMS Send

☐ GPRS Send

☒ GEO Fencing

☒ USB SET

☒ WEB SET

☒ SMS SET

☒ Key Button Press (SOS/GOE/ALARM)

PHONE CONFIG

SCU PHONE[ex:****,****,]

SOS PHONE[ex:****,****,]

SMS PHONE[ex:****,****,]

SLEEP MODE

MODE FULL POWER

Hour : Min. : Sec.

Time to Sleep 0 0 0

Time to wakeup 0 0 0

FIRMWARE UPDATE

UPDATE

GSM/GPRS CONFIG

APN fleet

USER

PASS

SERVER CONFIG

IP/DOMAIN NAME 60.250.68.23

TCP PORT ☒ 9101

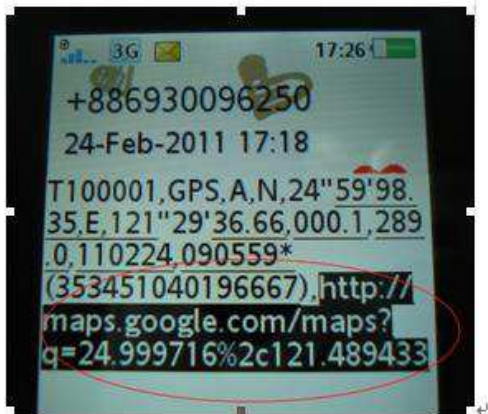
UDP PORT ☐ 9120 ☐ Reply!!

CONFIG PORT 1943

Terms Explanations

System Config:

1. **IMEI: Tracker** (International Mobile Equipment Identity number , IMEI#)
2. **Version: Tracker** firmware version
3. **SMS intervals[s]:** Interval of tracker send real time position with Google map hyperlink via SMS



4. **GPRS interval[s]:** Interval of tracker send real time position to the server via GPRS
5. **LOG interval[s]:** Interval of tracker data logging
6. **Geofence [m]:** Send warning when tracker out of the Geofencing range
7. **Alarm Reset[s]:** Time of all the security functions temporary disabled
8. **Ring of Call[Times]:** Tracker ringing time when user call

Send SMS ON/OFF:

1. **Security:**
2. **SOS:** Send SMS when user press the SOS button
3. **GEO Fencing:** Send SMS when the tracker out of the GeoFencing range
4. **Power Cut:** Send SMS when the external power cut off
5. **Low Battery:** Send SMS when the tracker internal battery low
6. **Vibration Alarm:** Send SMS when vibration sensor triggered
7. **GPS fix Alarm:** Send SMS when GPS in 3D fixed
8. **Over Speed Alarm:** Send SMS when over the speed limit

GSM/GPRS CONFIG

APN, USER, PASS: Please fill in the SIM card APN, User name and Pass word (check your telecomm. Service provider), Example: internet

SERVER CONFIG

IP/DOMAIN NAME: Please fill in the server IP or Domain name. For example: IP: 60.250.68.23 or Domain name: http://www.tracking.haicom.com.tw:8090

TCP Port: Please fill in the TCP port

UDP Port: Please fill in the UDP port

CONFIG PORT: Please fill in the port for the tracker configuration software from the web tracking plate form to program from the air.

Reply!:: Server response “ !! “ back when receive the tracker data

PHONE CONFIG

SCU PHONE [ex.***** ;***** ;]

Please fill in the telephone numbers for the tracker to call back when the motion sensor, relay, etc. functions are triggered. Please put a “ ; “ mark after each phone number. Maximum 10 phone numbers to be keyed in.

SOS PHONE [ex.*** ;***** ;]**

Please fill in the telephone numbers for the tracker to call back when the SOS button is triggered. Please put a “ ; “ mark after each phone number. Maximum 10 phone numbers to be keyed in.

SMS PHONE [ex.*** ;***** ;]**

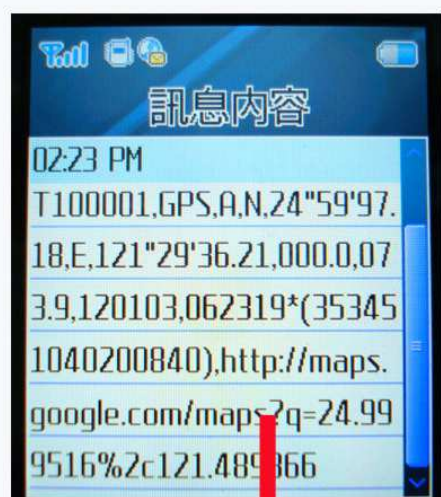
Please fill in the telephone numbers for the tracker to call back when the request by the SMS command. Maximum 10 phone numbers to be keyed in.

The example to send SMS command to the tracker:

Send: #0000,10



You will receive this message:



Click the hyperlink to get the real time position



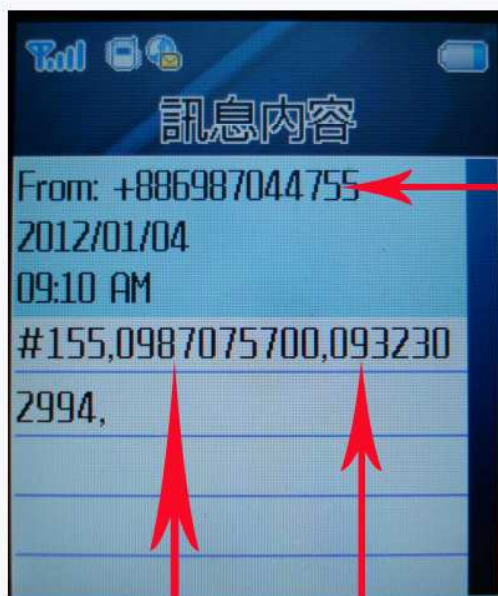
Longitude
Latitude

The example to send SMS command to the tracker:

Send: #0000,155



You will receive this message:



Tracker
Telephone#

2nd. set send back
telephone #

1st. set send back
telephone #

SMS Command for X series



SMS command	Interpretation
#0000,100	Get All setting value back
#0000,151,1000000000,2000000000,3000000000	Security Phone Set (10 Max.)
#0000,152,1000000000,2000000000,3000000000	SOS Phone Set (10 Max.)
#0000,153,1000000000,2000000000,3000000000	SMS Phone Set (10 Max.)
#0000,154	Get Security Phone setting
#0000,155	Get SOS Phone setting
#0000,156	Get SMS Phone setting
#0000,200,APN,USER,PASS	Set GSM/SPRS config
#0000,201	Get APN setting
#0000,210,IP or Domain,TCP port,UDP,port,Web port,port select	Set Server config
#0000,201,60.250.68.23,9101,9120,1943,1,0,0	
#0000,211	Get IP and Port value
#0000,250,SMS,GPRS,LOG,Geo,Alarm,Ring,Speed,Sensor	Set System config
#0000,250,0,30,0,500,60,0,20,6	
#0000,251	Get Interval setting
#0000,300,Buglar,SOS,GEO,PWCUT,LBAT,Vir,GPS,OPA	Set Send SMS ON/OFF
#0000,300,1,1,0,1,1,0,0,0	
#0000,301	Get Event setting
#0000,350,SMS_Send,GPRS,GEO,USB,WEB,SMS_Set,KEY	Set Buzzer ON/OFF
#0000,350,1,1,1,1,1,1,1	
#0000,351	Get Buzzer setting
#000,400,Mode,Hour,Minute,Second,Hour,Minute,Second	Set Power Saving Mode
#0000,400,1,0,5,0,0,5,0	
#0000,401	Get Power Saving Mode
#0000,460,1	Set Sensor Alarm
#0000,470,5	Bugging Ringing Setting (time)
#0000,00,code,code	Set Pin Code
#0000,00,1234,1234	
#0000,01,pass,pass	Chang Password
#0000,01,0000,0000	
#0000,10	GPS Data
#0000,11	Talking Permitted
#0000,12,1 or 0 (1 is cutting)	Relay #1 On/Off
#0000,13,1 or 0 (1 is cuttind)	Relay #2 On/Off
#0000,14	System Reset
#0000,15	Inform Tracker call back to server
#0000,16,1 (1 is activated, 0 is deactivated)	Set GEO Fencing activate
#0000,17,1 (1 is activated, 0 is deactivated)	Set GPS FIX alarm activate

#0000,18,1	(1 is activated, 0 is deactivated)	Set Sensor (Moving) Alarm
#0000,19,1	(1 is activated, 0 is deactivated)	Set Over speed alarm activate
#0000,20,1	(1 is activated, 0 is deactivated)	Set GPS On/Off

Remarks:

1. ON : 1 , OFF : 0

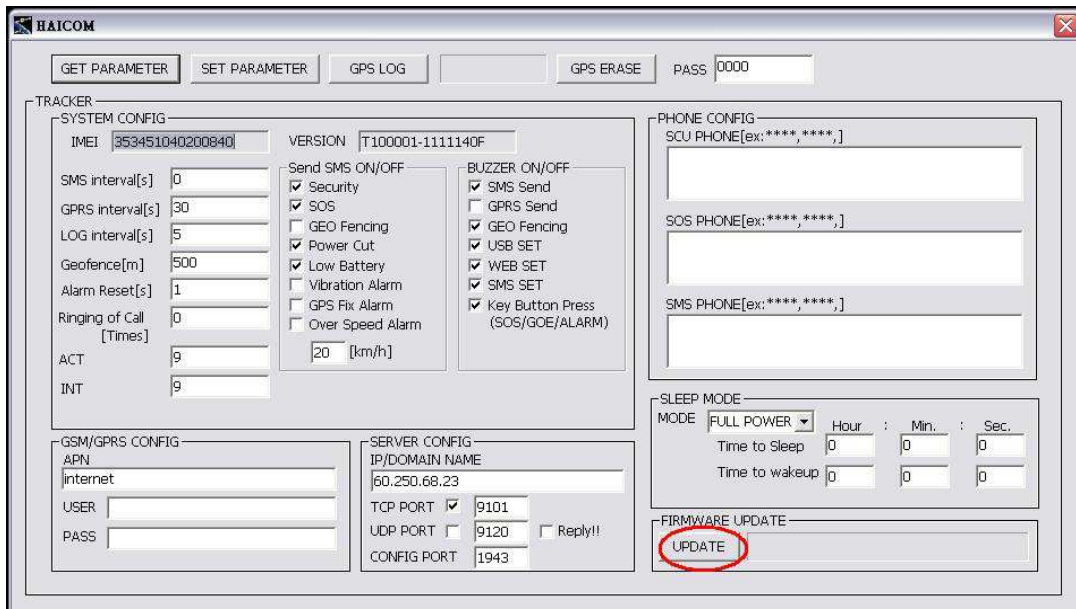
2. * consult the web set up platform (Device Setting)

* Update new firmware

1. Decompress the files.
2. Run the TRACKER program

名稱	大小	類型
Smpl_HID	75 KB	BIN 檔案
Smpl_HID.md5	1 KB	MD5 檔案
TRACKER	1,880 KB	應用程式

3. Plug the tracker to the computer USB port
4. Press the GET PARAMETER and see the current settings
5. Press the UPDATE
6. Open the firmware (2 files)



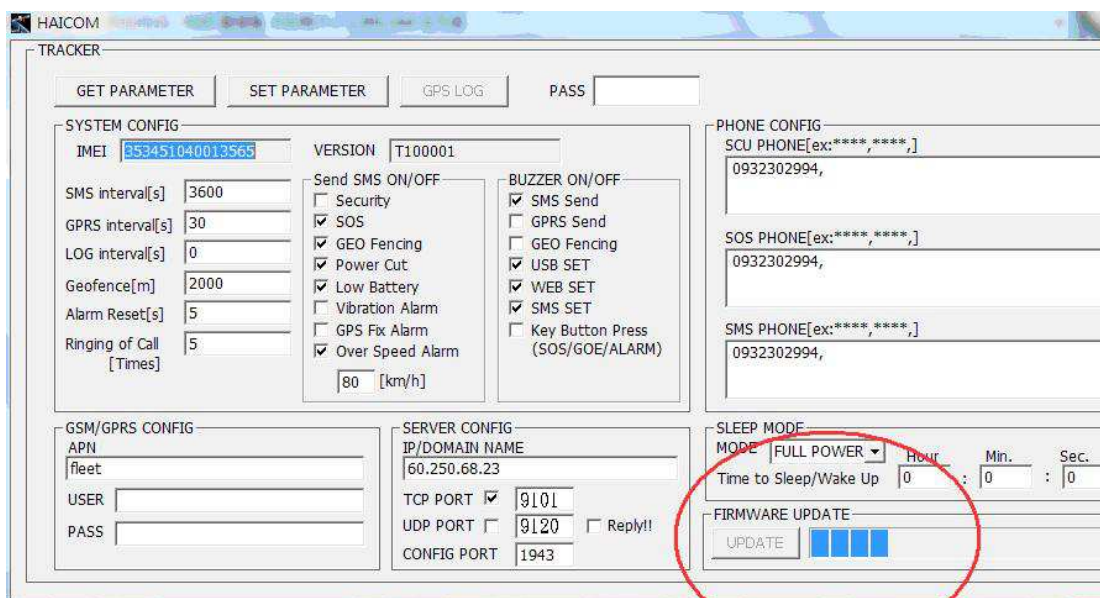
HAiCOM TRACKER interface showing various configuration sections:

- TRACKER - SYSTEM CONFIG:** Includes fields for IMEI, VERSION, SMS interval, GPRS interval, LOG interval, Geofence, Alarm Reset, Ringing of Call, ACT, and INT.
- SEND SMS ON/OFF:** Checkboxes for Security, SOS, GEO Fencing, Power Cut, Low Battery, Vibration Alarm, GPS Fix Alarm, and Over Speed Alarm.
- BUZZER ON/OFF:** Checkboxes for SMS Send, GPRS Send, GEO Fencing, USB SET, WEB SET, SMS SET, and Key Button Press.
- PHONE CONFIG:** Fields for SCU PHONE, SOS PHONE, and SMS PHONE.
- SLEEP MODE:** Includes a dropdown for MODE (FULL POWER) and fields for Time to Sleep and Time to Wakeup.
- FIRMWARE UPDATE:** A section with a red circle around the 'UPDATE' button.
- GSM/GPRS CONFIG:** Fields for APN, USER, and PASS.
- SERVER CONFIG:** Fields for IP/DOMAIN NAME, TCP PORT, UDP PORT, and CONFIG PORT.

7. Show the below message and click OK



8. The firmware start loading



TRACKER

GET PARAMETER SET PARAMETER GPS LOG PASS

SYSTEM CONFIG

IMEI: 353451040013565 VERSION: T100001

SMS interval[s]: 3600 GPRS interval[s]: 30 LOG interval[s]: 0 Geofence[m]: 2000 Alarm Reset[s]: 5 Ringing of Call [Times]: 5

Send SMS ON/OFF: ☐ Security ☒ SOS ☒ GEO Fencing ☒ Power Cut ☒ Low Battery ☒ Vibration Alarm ☐ GPS Fix Alarm ☒ Over Speed Alarm [80] [km/h]

BUZZER ON/OFF: ☒ SMS Send ☐ GPRS Send ☐ GEO Fencing ☒ USB SET ☒ WEB SET ☒ SMS SET ☐ Key Button Press (SOS/GOE/ALARM)

PHONE CONFIG

SCU PHONE[ex:****,****,]: 0932302994,

SOS PHONE[ex:****,****,]: 0932302994,

SMS PHONE[ex:****,****,]: 0932302994,

GSM/GPRS CONFIG

APN: fleet USER: PASS:

SERVER CONFIG

IP/DOMAIN NAME: 60.250.68.23 TCP PORT ☒ 9101 UDP PORT ☐ 9120 ☐ Reply!! CONFIG PORT: 1943

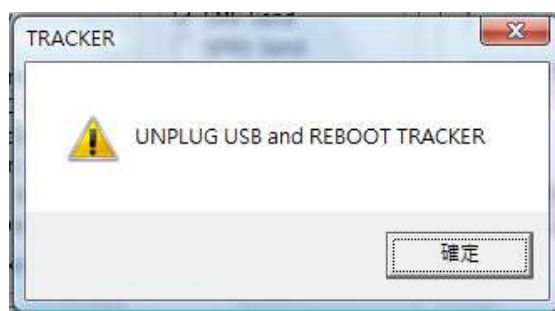
SLEEP MODE

MODE: FULL POWER Hour: 0 Min: 0 Sec: 0 Time to Sleep/Wake Up: 0 : 0 : 0

FIRMWARE UPDATE

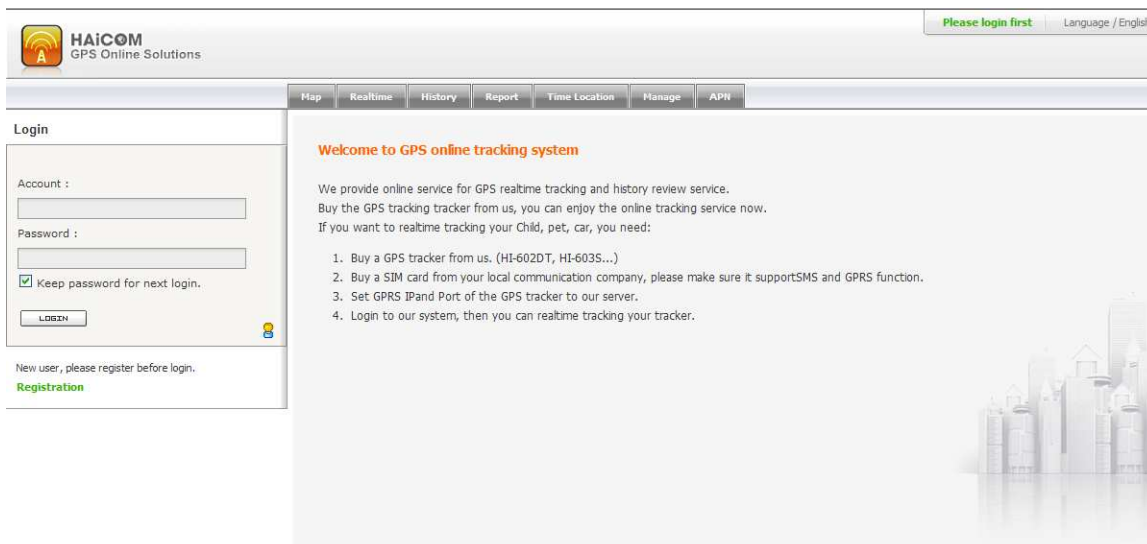
UPDATE [Progress Bar]

9. The below message shown and press OK

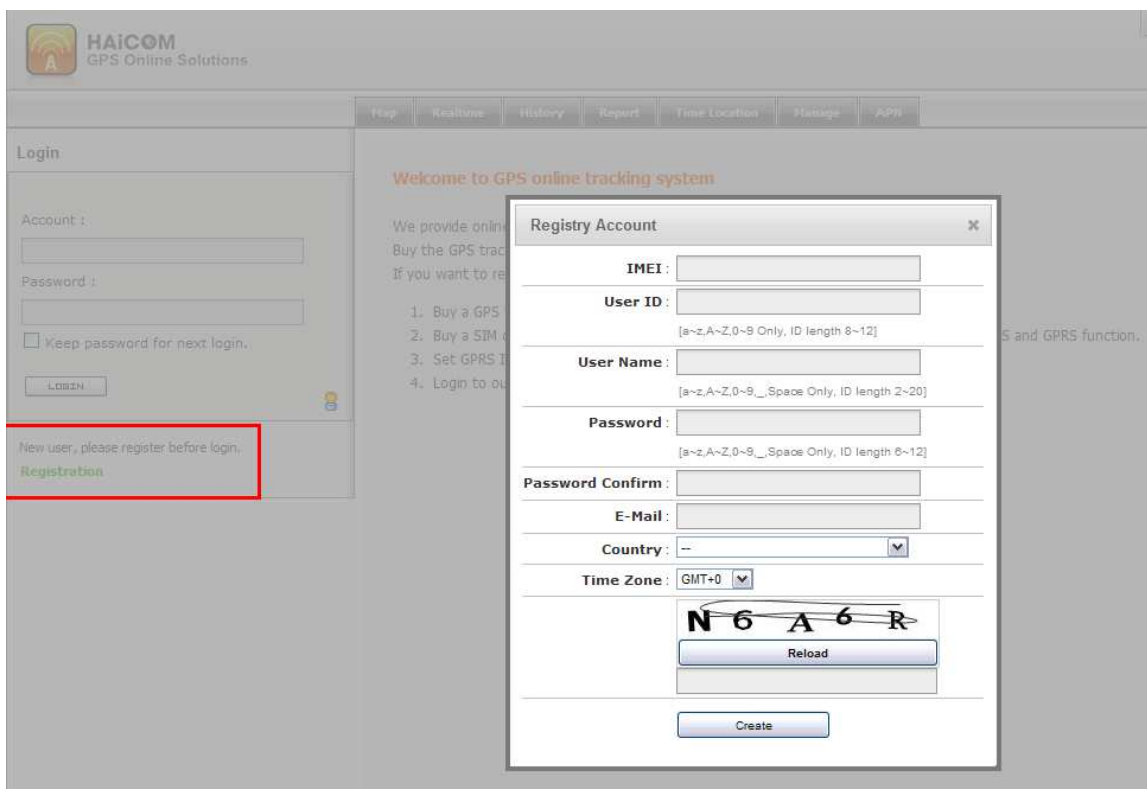


1. Initial registration from the GPRS web tracking platform:

<http://www.tracking.haicom.com.tw:8090/>



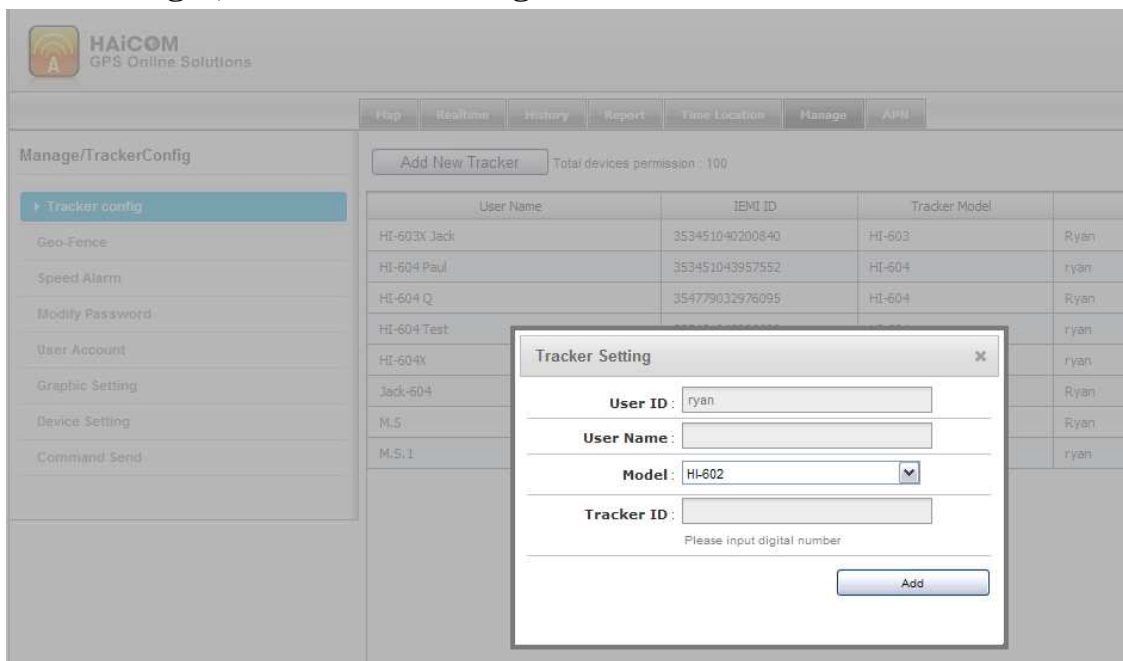
2. New user; please register before login.



3. The tracker idea # is shown on the bottom of the sticker:



4. After login, select the “Manage “ for Add New Tracker



HAiCOM GPS Online Solutions

Map Realtime History Report Time Location Manage APN

Manage/TrackerConfig

Tracker config

Geo-Fence

Speed Alarm

Modify Password

User Account

Graphic Setting

Device Setting

Command Send

Add New Tracker Total devices permission : 100

User Name	IMEI ID	Tracker Model	
HI-603X Jack	353451040200840	HI-603	Ryan
HI-604 Paul	353451043957552	HI-604	ryan
HI-604 Q	354779032976095	HI-604	Ryan
HI-604 Test			ryan
HI-604X			ryan
Jack-604			Ryan
M.S			Ryan
M.S.1			ryan

Tracker Setting

User ID : ryan

User Name :

Model : HI-602

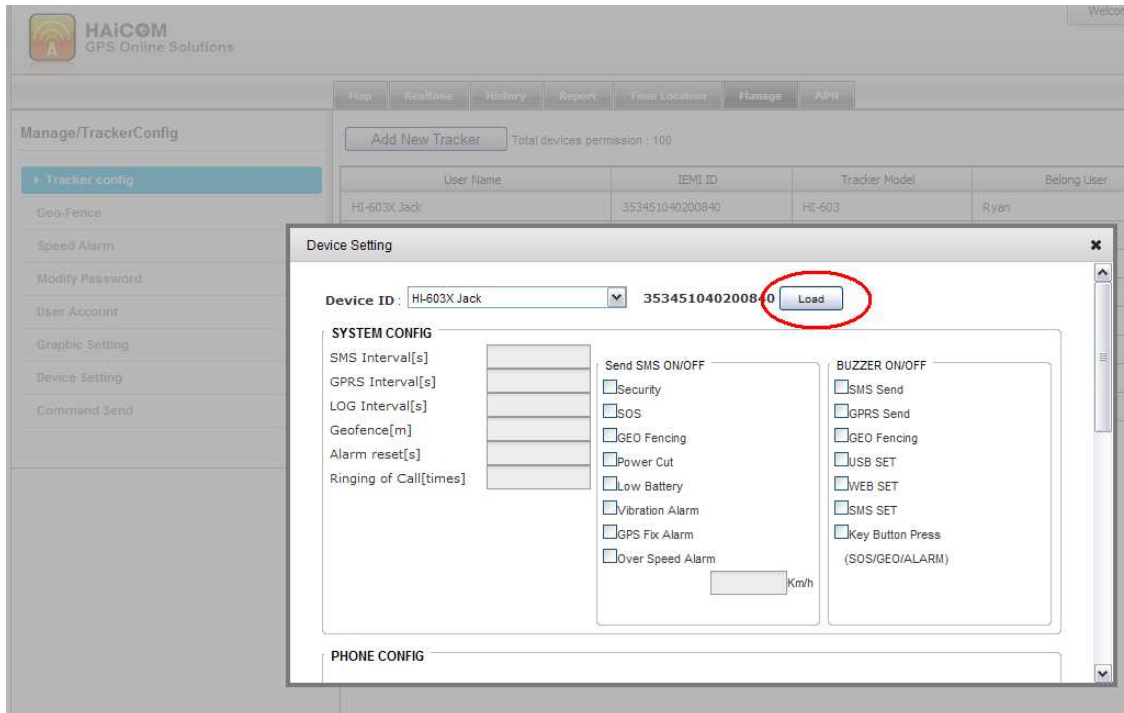
Tracker ID :

Please input digital number

Add

*** Program tracker from Haicom GPRS web tracking web site**

- 1. Make sure the tracker connected to the GSM network and start sending back the data**
- 2. On the Manage/Device Settings section, select the tracker and press Load**



The screenshot shows the Haicom GPS Online Solutions web interface. The main menu includes options like Map, Realtime, History, Report, Time Location, Manage, and API. The 'Manage/TrackerConfig' section is active, displaying a table of trackers. A 'Device Setting' window is open, showing the configuration for a specific device. The 'Device ID' is set to 'HI-603X Jack' and the 'IEMI ID' is '353451040200840'. The 'Load' button is highlighted with a red circle. The 'SYSTEM CONFIG' section includes various settings for SMS, GPRS, LOG, Geofence, Alarm, and Ringing of Call. The 'PHONE CONFIG' section is also visible.

User Name	IEMI ID	Tracker Model	Belong User
HI-603X Jack	353451040200840	HI-603	Ryan

Device Setting

Device ID : HI-603X Jack IEMI ID : 353451040200840 **Load**

SYSTEM CONFIG

SMS Interval[s] Send SMS ON/OFF ☐ Security ☐ BUZZER ON/OFF ☐ SMS Send

GPRS Interval[s] ☐ SOS ☐ GPRS Send

LOG Interval[s] ☐ GEO Fencing ☐ GEO Fencing

Geofence[m] ☐ Power Cut ☐ USB SET

Alarm reset[s] ☐ Low Battery ☐ WEB SET

Ring of Call[times] ☐ Vibration Alarm ☐ SMS SET

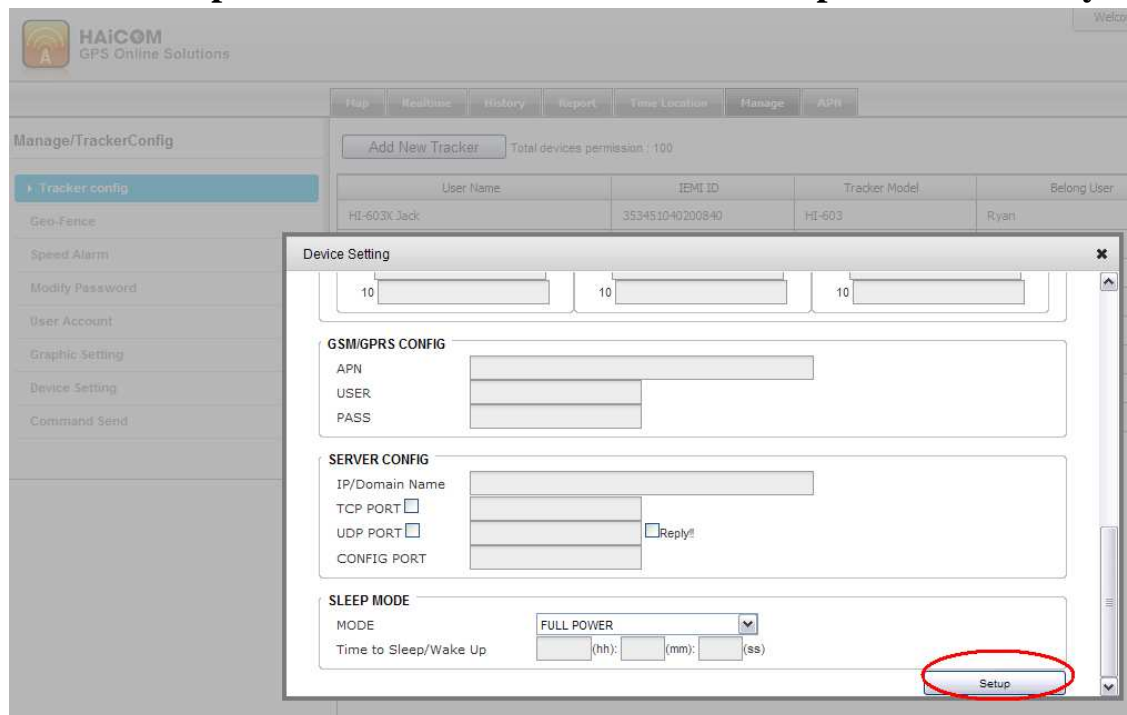
☐ GPS Fix Alarm ☐ Key Button Press

☐ Over Speed Alarm Km/h (SOS/GEO/ALARM)

PHONE CONFIG

- 3. Change the prefer settings**

4. Press Setup and will show: Device information update successfully



The screenshot shows the HAiCOM GPS Online Solutions web interface. The main menu includes options like Map, Realtime, History, Report, Time Location, Manage, and APN. The left sidebar lists various configuration options: Tracker config, Geo-Fence, Speed Alarm, Modify Password, User Account, Graphic Setting, Device Setting, and Command Send. The central area displays a table of trackers with columns for User Name, IEMI ID, Tracker Model, and Belong User. A 'Device Setting' dialog box is open, showing fields for GSM/GPRS CONFIG, SERVER CONFIG, and SLEEP MODE. The 'Setup' button at the bottom right of the dialog is circled in red.

Device Setting

10 10 10

GSM/GPRS CONFIG

APN
USER
PASS

SERVER CONFIG

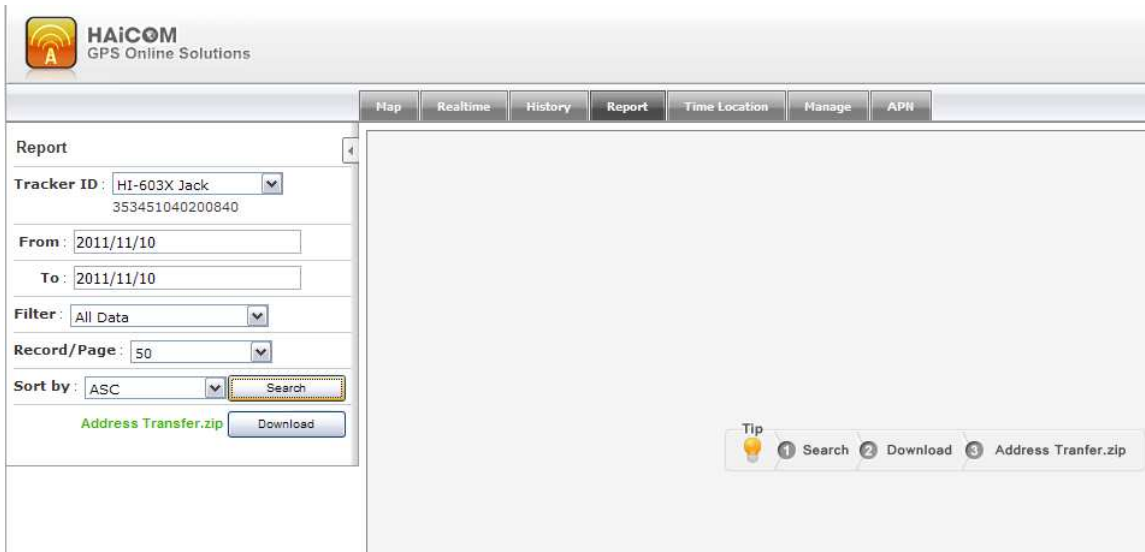
IP/Domain Name
TCP PORT ☐
UDP PORT ☐ Reply!
CONFIG PORT

SLEEP MODE

MODE FULL POWER
Time to Sleep/Wake Up (hh): (mm): (ss)

Setup

How to generate the detail report print out with address

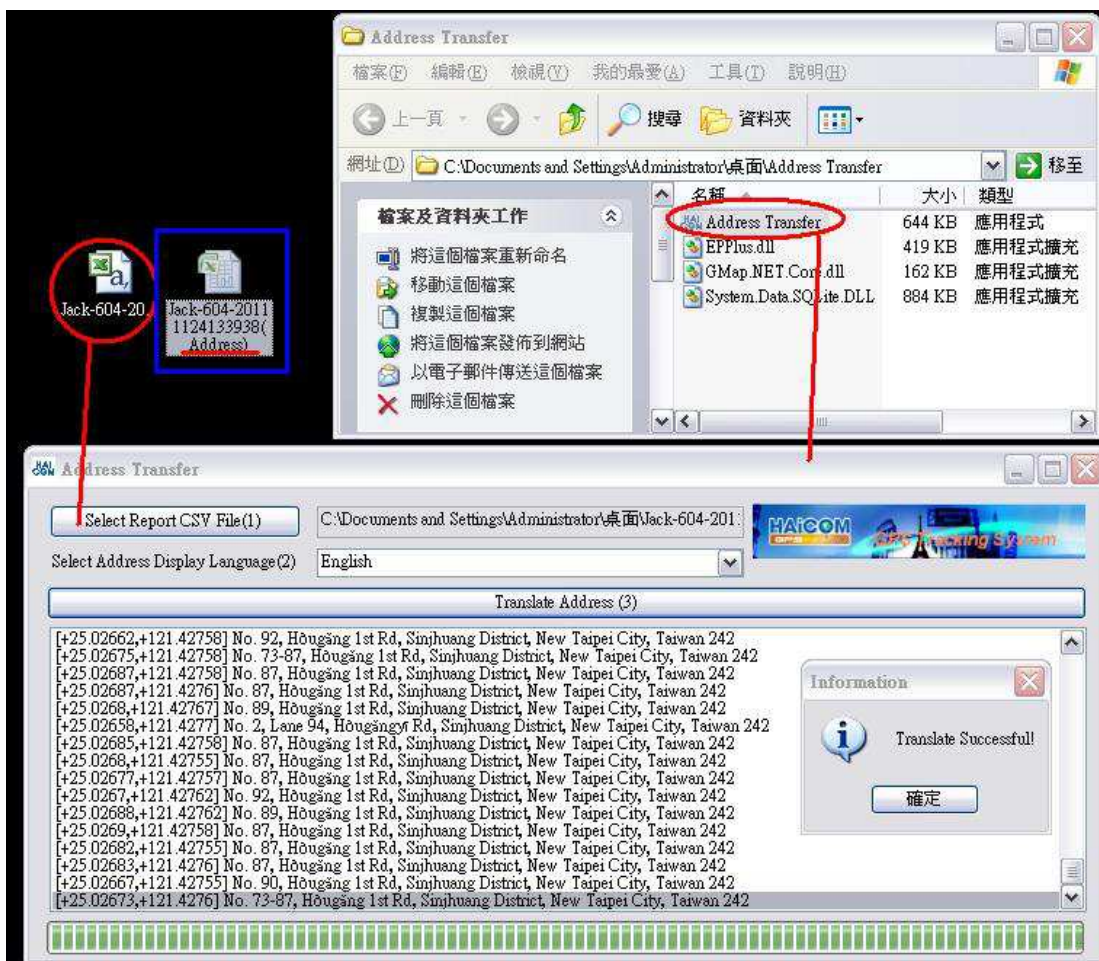


The screenshot shows the HAiCOM GPS Online Solutions web interface. The top navigation bar includes links for Map, Realtime, History, Report, Time Location, Manage, and APN. The 'Report' section is active, displaying a form with the following fields:

- Tracker ID:** HI-603X Jack (with ID 353451040200840)
- From:** 2011/11/10
- To:** 2011/11/10
- Filter:** All Data
- Record/Page:** 50
- Sort by:** ASC

Below the form, there is a 'Search' button and a 'Download' button. A 'Tip' box on the right side of the interface provides a sequence of steps: 1 Search, 2 Download, 3 Address Transfer.zip.

1. Select the preferred from and to date and click “Search “
2. Click “Download “ and the csv file will be saved as Excel file
3. Click “Address Transfer.zip “ for the transfer program



1. Click “Address Transfer program icon to run the program “
2. Select the csv Excel file
3. Click “Transfer Address (3) “
4. After the translate program running, the “Translate successful ! “ message will appeared. In the mean time, there will extra Excel file with (Address) saved on your desktop. Open the file, you will see the retail reports, with Date/time/long./lat./detail address data like below example shown.

The example of the detail report printout:

	A	B	C	D	E	F	G	H	I	J	K
1	Index	DATE	TIME	ADDRESS	SPEED	DISTANCE	GPS FIX	ORIENT	LATITUD	LONGITUD	COMMENT
2	1	2011/10/27	00:00:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0.2 km/hr	0 km	OK	96.4	N 24.99952	E 121.48935	
3	2	2011/10/27	00:00:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	40.2	N 24.99952	E 121.48935	
4	3	2011/10/27	00:01:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	90.9	N 24.99952	E 121.48935	
5	4	2011/10/27	00:01:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	171	N 24.99952	E 121.48935	
6	5	2011/10/27	00:02:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	44.8	N 24.99952	E 121.48935	
7	6	2011/10/27	00:02:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	60.8	N 24.99952	E 121.48935	
8	7	2011/10/27	00:03:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	177.7	N 24.99952	E 121.48935	
9	8	2011/10/27	00:03:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	31.2	N 24.99952	E 121.48935	
10	9	2011/10/27	00:04:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	339	N 24.99952	E 121.48935	
11	10	2011/10/27	00:04:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	46.3	N 24.99952	E 121.48935	
12	11	2011/10/27	00:05:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	342.5	N 24.99952	E 121.48935	
13	12	2011/10/27	00:05:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0.2 km/hr	0 km	OK	44.8	N 24.99952	E 121.48935	
14	13	2011/10/27	00:06:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	214.5	N 24.99952	E 121.48935	
15	14	2011/10/27	00:06:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	95.9	N 24.99952	E 121.48935	
16	15	2011/10/27	00:07:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	36.3	N 24.99952	E 121.48935	
17	16	2011/10/27	00:07:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	71.1	N 24.99952	E 121.48935	
18	17	2011/10/27	00:08:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0.2 km/hr	0 km	OK	67.4	N 24.99952	E 121.48935	
19	18	2011/10/27	00:08:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0 km	OK	166.3	N 24.99952	E 121.48935	
20	19	2011/10/27	00:09:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0.2 km/hr	0.002 km	OK	83.7	N 24.99952	E 121.48937	
21	20	2011/10/27	00:09:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.002 km	OK	7.7	N 24.99952	E 121.48937	
22	21	2011/10/27	00:10:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.002 km	OK	100.6	N 24.99952	E 121.48937	
23	22	2011/10/27	00:10:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.002 km	OK	59.2	N 24.99952	E 121.48937	
24	23	2011/10/27	00:11:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.004 km	OK	102.6	N 24.99952	E 121.48935	
25	24	2011/10/27	00:11:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.006 km	OK	66.5	N 24.99952	E 121.48937	
26	25	2011/10/27	00:12:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.006 km	OK	127.5	N 24.99952	E 121.48937	
27	26	2011/10/27	00:12:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.008 km	OK	42.4	N 24.99952	E 121.48935	
28	27	2011/10/27	00:13:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.008 km	OK	95.9	N 24.99952	E 121.48935	
29	28	2011/10/27	00:13:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.01 km	OK	49.3	N 24.99952	E 121.48937	
30	29	2011/10/27	00:14:21	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0 km/hr	0.01 km	OK	42.9	N 24.99952	E 121.48937	
31	30	2011/10/27	00:14:51	No. 3, Lane 125, Jiànbā Rd, Jhonghe District,	0.2 km/hr	0.01 km	OK	63.6	N 24.99952	E 121.48937	

How to calculate the historical total travel distance:

1. Click the preferred start point
2. Click the start point icon

History

Tracker ID: Jack-604
354779034842998

From: 2011/11/14 H: 00 M: 00
To: 2011/11/14 H: 23 M: 59
Sort by: ASC Search Play Stop

Speed: 300 msec

Calculate Distance

Get Start Point 1

Get End Point

Distance

Export your data

Historical tracking data

Page: << < 1/7 > >>

2011/11/14 09:50:11	+25.03788	+121.51717	0.19 km/hr
2011/11/14 09:50:45	+25.03763	+121.51722	0 km/hr
2011/11/14 09:51:15	+25.03763	+121.51722	0.37 km/hr

3. Click the preferred end point

4. Click the end point icon

Speed: - 300 msec +

▼ Calculate Distance

Get Start Point 1

4.

Get End Point 102

Distance

Export your data

Historical tracking data

Page: << < 6/7 > >>

2011/11/14 12:59:56 , +25.03405 , +121.43363 , 25.74 km/hr,
 2011/11/14 13:00:26 , +25.03338 , +121.43438 , 10.93 km/hr,
 2011/11/14 13:00:59 , +25.03347 , +121.43410 , 0.19 km/hr,

5. Click the Distance icon to get the total traveled distance

▼ Calculate Distance

Get Start Point 1

Get End Point 102

5.

Distance 12.893 Km

Export your data

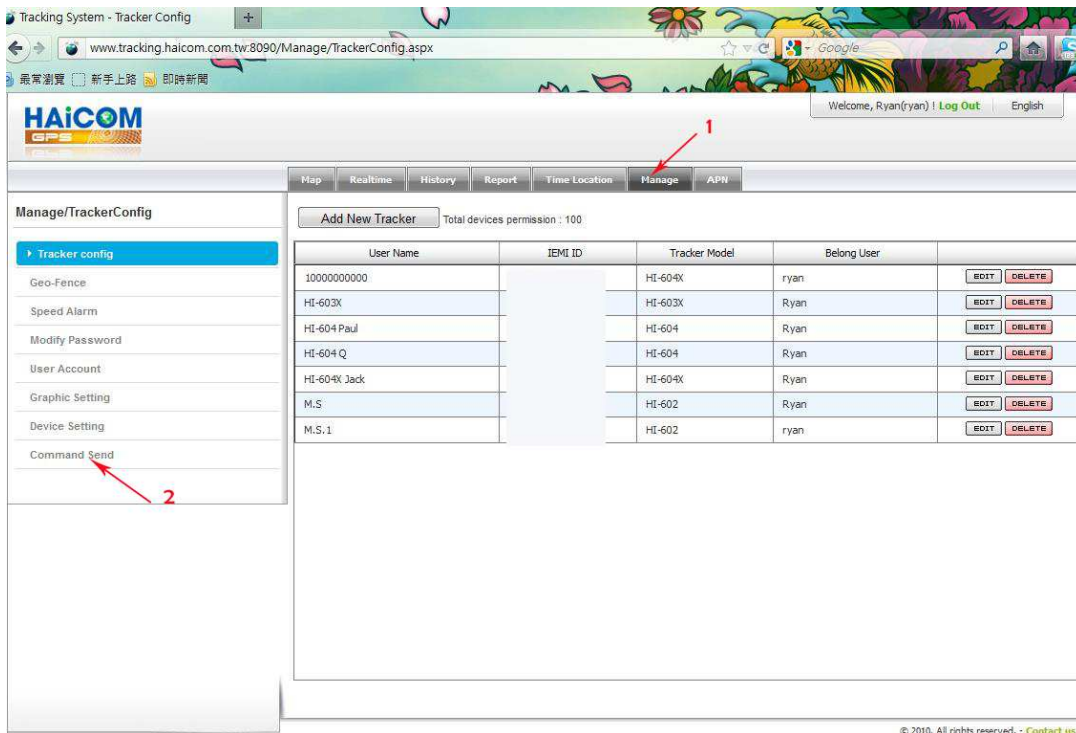
Historical tracking data

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2011/11/14 12:59:56 , +25.03405 , +121.43363 , 25.74 km/hr,
 2011/11/14 13:00:26 , +25.03338 , +121.43438 , 10.93 km/hr,
 2011/11/14 13:00:59 , +25.03347 , +121.43410 , 0.19 km/hr,

How to send command from the GPRS tracking platform:

1. Click Manage -> Command Send:

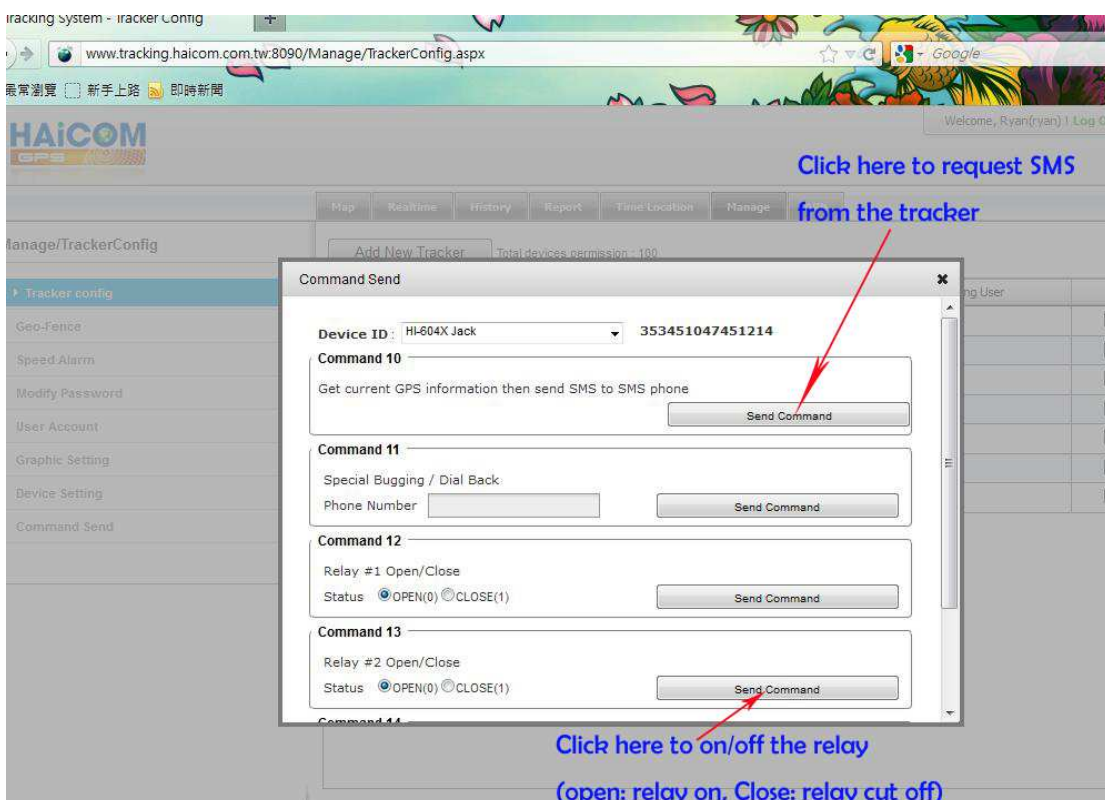


2. Click to send commands from the platform:

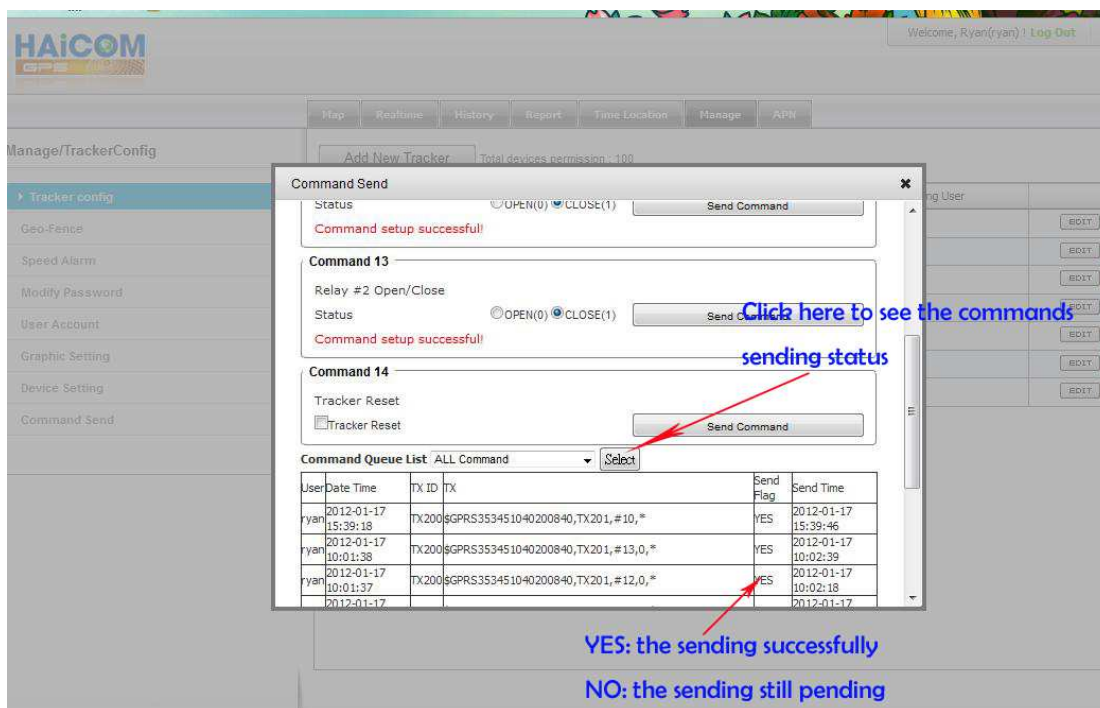
Status

Open (0) means the relay is stay connection.

To cut the relay (cut off the ignition, oil pump, power, etc.), select Close (1)



3. Click the Select to see the command sending status:



Click here to see the commands sending status

YES: the sending successfully
NO: the sending still pending

User	Date Time	TX ID	TX	Send Flag	Send Time
ryan	2012-01-17 15:39:18	TX200	\$GPRSS353451040200840,TX201,#10,*	YES	2012-01-17 15:39:46
ryan	2012-01-17 10:01:38	TX200	\$GPRSS353451040200840,TX201,#13,0,*	YES	2012-01-17 10:02:39
ryan	2012-01-17 10:01:37	TX200	\$GPRSS353451040200840,TX201,#12,0,*	YES	2012-01-17 10:02:18
	2012-01-17				2012-01-17