Sin Track GPS Tracker With Read data from OBD Port User Manual

GPS Tracker ST-902
(ST-902W 3G/4G)
User Manual

Quick Start
Thank you for purchasing our GPS tracker.
This Quick User shows how to operate the device smoothly and correctly.

Contents [**hide**]

WEBSITE Tracking (PC Version):

Platform: www.sinotrackpro.com
User name: ID number on the tracker
Password: 123456

APPLICATION Tracking (Mobile APP):

You can search SinoTrack PRO on APP Store (iOS) or Google Play (Android) Or Download from the QR Code:

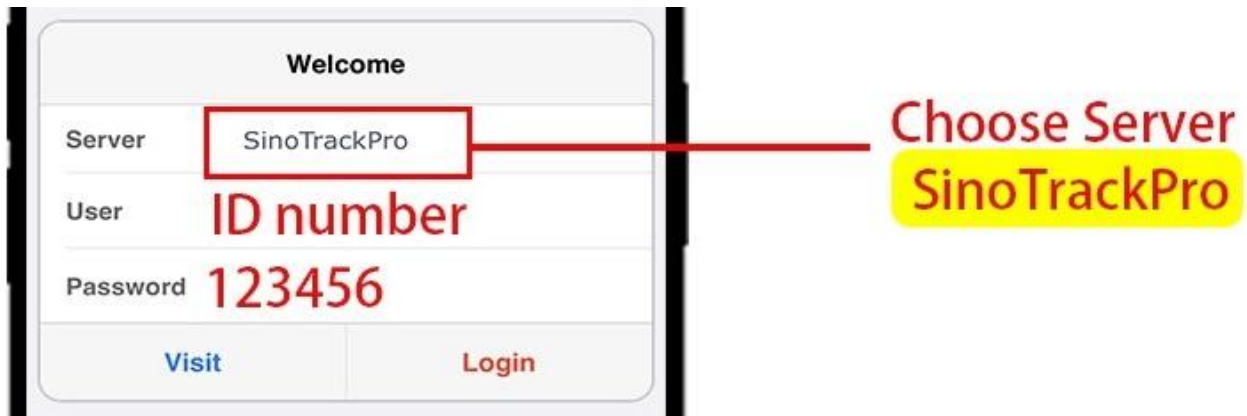**http://www.sinotrack.com/download/**

Server: SinoTrackPRO
User Name: ID number on tracker
Password: 123456

If you have more SinoTrack GPS trackers and want to manage them in one account, please contact us, we will create an account for you, so you can monitor multiple devices on the platform at the same time.

1. Choose GSM card, it should be Normal SIM card, without PIN code.

2. Proper insert GSM card, the tracker will start, connect the external power supply.

3. Put device outside around 30s, LED lights will keep lighting on stands for the device can work normally.

4. Dialing device number, it will hang up and reply tracking message with valid Lon and lat.

5. Please send SMS to the tracker to set the APN: (the yellow place is BLANK)

   SMS: **8030000 APN** (APN is Access Point Name of your SIM Card, please check with your SIM Card provider if you don't know it)

   If the APN need User name and Password, please send the command: SMS: **8030000 APN APNuser APNpassword**

6. Send SMS to set trackers to our server: SMS: **8040000 45.112.204.245 8090**

7. If you set ok of all, you can track it online.

   If the device is not online, please check device setting, send: **RCONF** to device,

   It will reply to the setting.

   1. The APN is correct;

2. The IP and Port is correct;

3. The ID on the platform is correct;

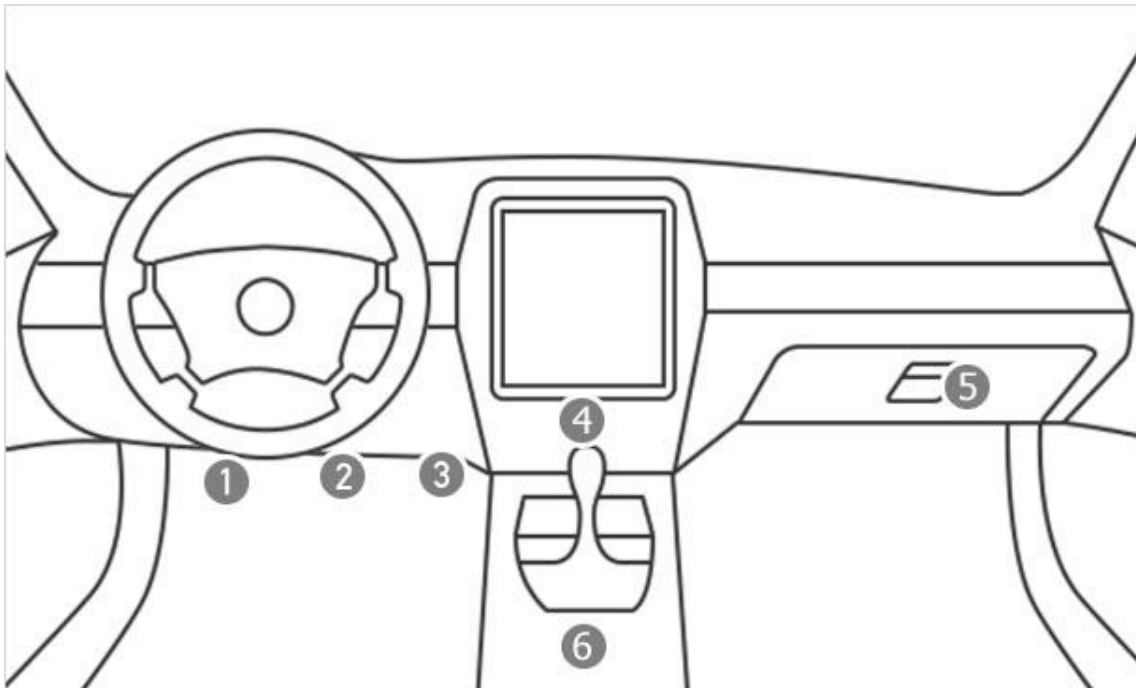4. The device working model, (SMS model or GPRS model)

If you need a login account or still have problems or any suggestions, please leave a message under your order, Or send an email to: **sino@sinotrack.com** For order support, you'd better leave a message under your order, It will be fast to solve your problem, Thanks.

How to install:

It is plug and play device, connect it to OBD connector is ok.

How to find the OBD connector on your car: There are 6 places you may find the connector (most of car in the 1 place)

LED Status

1.1. Blue LED— GPS Status

Status	Meaning
Flashing	No GPS Signal or GPS starting
ON	GPS OK

1.2. Orange LED—GSM Status

Status	Meaning
Flashing	No SIM card or GSM starting
ON	GSM OK

The default password is: 0000
The default mode is normal working (sleep off).
GPS Status: A is get location, V is invalid location.
Alarm mode is on.
Alarm will send to the 3 control number.

Functions:

1. Set control number
Command: **Number+pass+blank+serial**
Sample: **139504434650000 1**
13950443465 is a mobile number, 0000 is the password, 1 is serial means the first number.
When the tracker reply "SET OK" means the setting is ok.
You can set the second and third control number also.

2. Working mode:
ST-902 has both SMS and GPRS working mode.
1. If you want to control it by mobile and use SMS only, you can get Google location from your mobile, then you can choose SMS mode.
2. If you want to monitor the tracker online in real-time, and you want to install the tracker data for years, you should choose the GPRS mode.
You can send an SMS to choose the mode.
SMS Mode: (Default)
Command: **700+Password**
Sample: **7000000**
Reply: SET OK
When ST-902 receives the command, it will change to SMS mode.
GPRS Mode:
Command: **710+Password**
Sample: **7100000**
Reply: SET OK
When ST-902 receives the command, it will change to GPRS mode.

3. Change Password
Command: 777+New Password+Old password
Sample: 77712340000
The 1234 is new password, and 0000 is old password.
When ST-902 received the command, it will reply SET OK

4. Get location with Google link
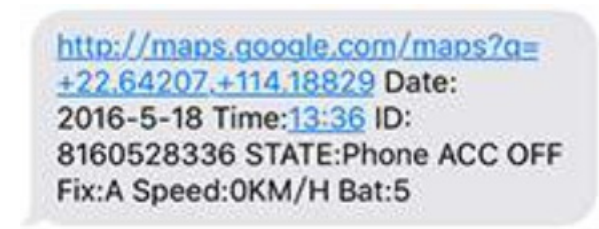Command: 669+password

Sample: 6690000

When ST-902 receives the command, it will read the GPS data, and send back the location with a Google link;
You can open the link to check the tracker location on maps.

http://maps.google.com/maps?q=
+22.64208,+114.18828 Date:
2016-5-18 Time:13:40 ID:
8160528336 Fix:A Speed:0KM/H Bat:
5

5. Get location by phone call.

You can use any mobile to call the SIM Card in tracker, it will reply the location with Google link;you can open the link to check the tracker location on maps.

http://maps.google.com/maps?q=
+22.64207,+114.18829 Date:
2016-5-18 Time:13:36 ID:
8160528336 STATE:Phone ACC OFF
Fix:A Speed:0KM/H Bat:5

When you call the tracker when it is in invalid location, it will reply the last valid location to you, after it get new location again, it will send the seconds SMS to you with the new location.

6. Change Time Zone

Command: **896+password+E/W+HH**
Sample: **8960000E00 (default)**
E means East, W means west, 00 mean time zone.
Reply: SET OK
0-time zone is 8960000E00

7. Send location in defined time every day.

It will send to the first control number.
Command: **665+password+HHMM**
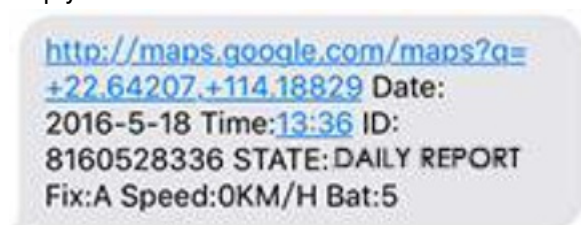HH means the hour, it from 00 to 23,
MM means minutes, it from 00 to 59.
Sample: **66500001219**
Reply: SET OK
Close the function command: **665+password+OFF (default)**
Sample: **6650000OFF**
Reply: SET OK

http://maps.google.com/maps?q=
+22.64207,+114.18829 Date:
2016-5-18 Time:13:36 ID:
8160528336 STATE:DAILY REPORT
Fix:A Speed:0KM/H Bat:5

8. Geo-Fence (send an alarm to the first number only)
Open Geo-Fence: **211+password**
Sample: 2110000
Reply: SET OK
Close Geo-Fence: **210+password**
Sample: **2100000**
Reply: SET OK
Set the Geo-Fence

Sample: **0050000 1000 (the Geo-Fence is 1000 meters)**
Reply SET OK
We suggest the Geo-Fence more than 1000 meters.

9. Over-speed Alarm (send Alarm to control numbers)
Command: 122+password Blank+XXX
Sample: 1220000 120
Reply: SET OK
The XXX is the speed, from 0 to 999, the unit is KM/H.
If the XXX is 0, it means close the over speed alarm.

10. Mileage
Set the initial Mileage
Command**: 142+Password<+M+X>**
Reply: MILEAGE RESET OK
Sample: **1420000M1000**
Reply: SET OK, CURRENT: 1000
Red the current Mileage
Command: **143+password**
Sample: **1430000**
Reply: CURRENT TOTAL MILEAGE:XX.
XX is the mileage, the unit is meter.

11. Shock Alarm (send SMS alarm to the first number)
Open Shock Alarm: **181+password+T**
Sample: **1810000T10**
Reply: SET OK
The T meaning shocking time, the unit is second,
It from 0 to 120 senconds.
Close Shock Alarm: **180+password**
Sample: **1800000**
Reply: **SET OK**

http://maps.google.com/maps?q=
+22.64207,+114.18829 Date:
2016-5-18 Time:13:36 ID:
8160528336 STATE: SHOCK ALARM
Fix:A Speed:0KM/H Bat:5

12. Low battery alarm (send SMS to first number)
When the battery is low, the tracker will send the Low Power Alarm SMS to thfirst number

http://maps.google.com/maps?q=
+22.64207,+114.18829 Date:
2016-5-18 Time:13:36 ID:
8160528336 STATE: LOW POWER ALARM
Fix:A Speed:0KM/H Bat:5

When the battery is Full, Bat:5, means 100%; Bat:4 means 80%, Bat:3 means 60%, Bat:2 means 40%, Bat:1 means 20%. When the Bat is 1, it will send low battery alarm.

13. Call mode
Call mode on:
Command: **150+password**
Sample: **1500000**
Reply: SET OK

Call mode off
Command: **151+password**
Sample: **1510000**
Reply: **SET OK**
When the call mode on, the alarms will call and send SMS to the control number,
When the call mode off, only send SMS.

14. Sleep mode
Open Sleep mode
Command: **SLEEP0000 1**
Reply: **SET OK**

Close Sleep mode
Command: **SLEEP0000 0**
Reply: **SET OK**

15. Set APN
Command 1: **803+password+Blank+APN**
Sample: **8030000 CMNET**
Reply: **SET OK**

If your APN need user and pass:
Command : **803+password+Blank+APN+Blank+APNuser+Blank+APNpass**
Sample: **8030000 CMNET CMNET CMNET**
Reply: **SET OK**

16. Set the IP and Port

Command: **804+password+Blank+IP+Blank+Port**
Sample: **8040000 45.112.204.245 8090**
Reply: SET OK

17. Set the time interval (default is 20 seconds)
Command: **805+password+Blank+T**
Sample: **8050000 20**
Reply: **SET OK**
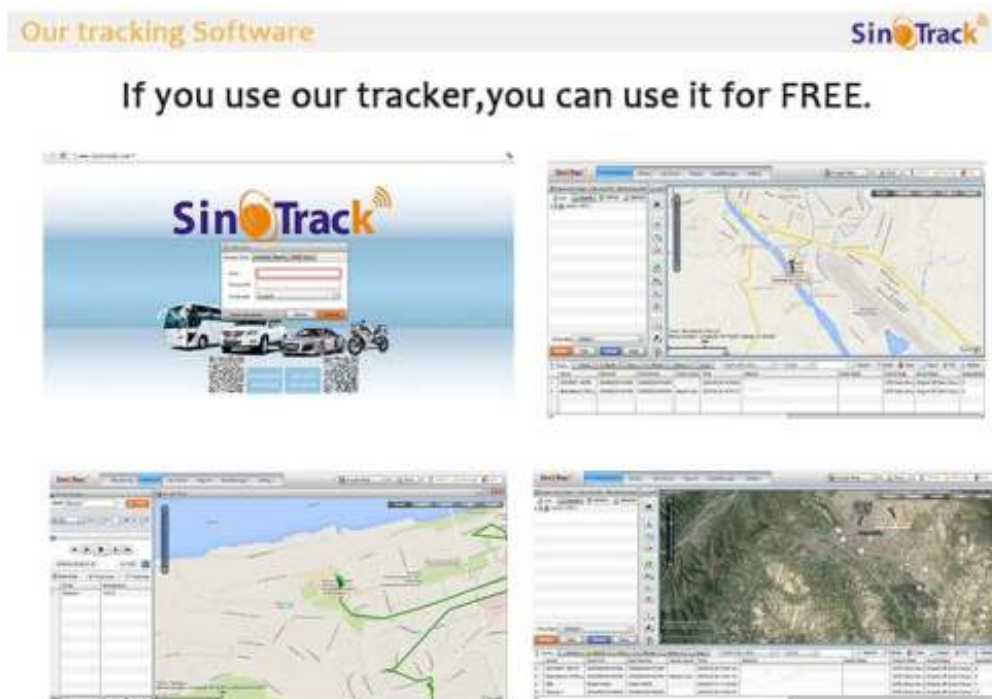T means the time interval, the unit is second,
It from 0 to 18000 seconds,
The minimum time interval is 10 seconds.

When T=0 means close GPRS.

Online Track:

Please log in from **www.sinotrackpro.com** or **http://45.112.204.245**

You can also down load our APPS on website to track on your mobile:

Other Functions:

1. RESTART
The tracker will restart.

2. RCONF

Read the configure of tracker

Tracker will reply:
ST-902,ID: 8160528336,UP:0000,U1:,U2:,U3:,MODE:GPRS
DAILY:OFF,GEO FENCE: OFF,OVER SPEED:OFF
VOICE:ON,SHAKE
ALARM:OFF,SLEEP:OFF,APN:CMNET,,,IP:
45.112.204.245:8090,GPRSUPLOAD TIME:20
TIME ZONE: E00

ST-902: software version
ID: 8160528336 (Tracker ID)
UP: 0000 (password, default is 0000)
U1: the first control number,
U2: the second control number,
U3: the third control number.
MODE: GPRS (working mode, default is GPRS)
DAILY: OFF (Daily time to report, default off)
GEO FENCE: OFF (Geo Fence, default off)
OVER SPEED: OFF (over speed, default off)
VOICE: ON (Call mode, default on)
SHAKE ALARM: OFF (Shock Alarm, default off)
SLEEP MODE: OFF (sleep mode, default off)
APN: CMNET,,, (APN, default is CMNET)
IP:45.112.204.245:8090 (The IP and Port)
GPRS UPLOAD TIME:20 (time interval)
TIME ZONE: E00 (Time zone, default is +0)

Documents / Resources

Sin Track GPS Tracker With Read data from OBD Port [pdf] User Manual
GPS Tracker With Read data from OBD Port, ST-902

References

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