MEITRACK® GPSLog

For GT30i/MT80i/MT88/MT90

VT310/MVT100/MVT380/MVT600/T1

User Guide

Contents

1. GPSLog Quick Guide

1.1 Install GPSLog

Double click "setup.exe" to start installation.

A window will pop up as follows,
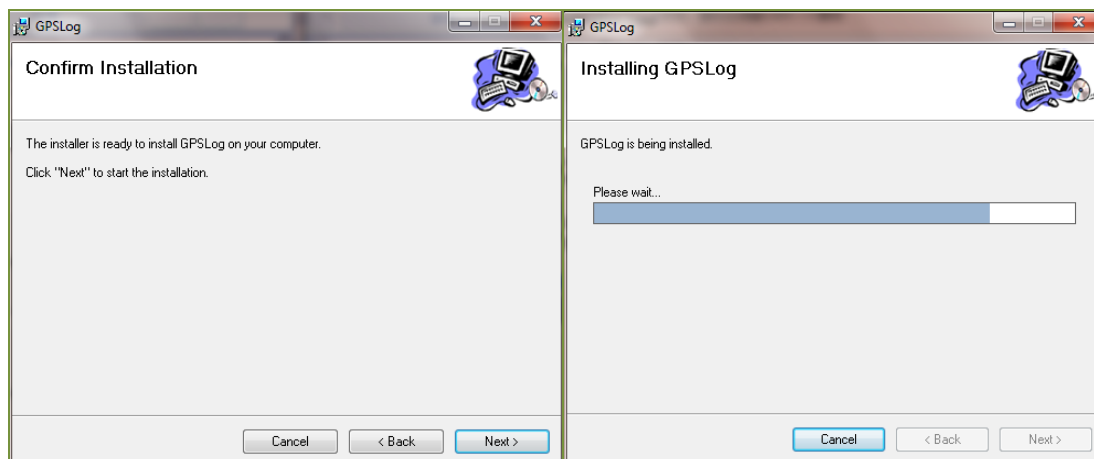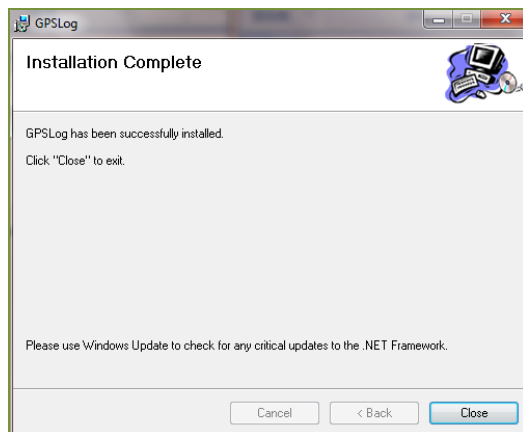

Click "Next" to continue installing.

Once installation completed, it will pop up a window as follows, please click "Close" to finfish the installation.

A GPSLog icon will be shown on the desktop.

It also can be found in programs of start menu as follows,

Now you can double click the icon of GPSLog to run this program.
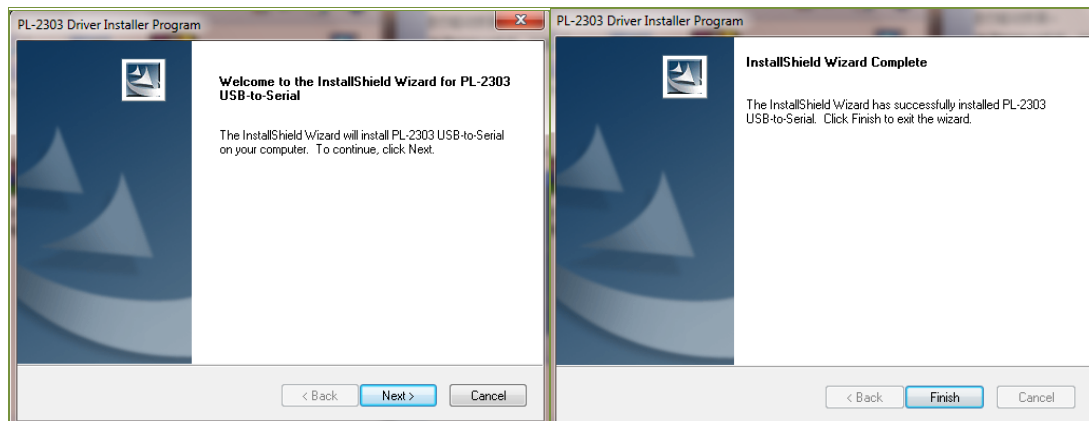

1.2 Install Driver for USB Data Cable

Double click PL232 icon to start installing the driver for the USB Data Cable (or USB Cable with USB-to-Serial Adaptor).

Note: This program is the driver of USB-to-Serial. The computers will not be able to recognize the USB Data Cable without installing this driver.

A window will pop up as follows, then click "Next" to continue installing. Once installation completed, please click"Finish" to close the window.

1.3 Connect Device with Computer

Please connect the USB Data Cable (or USB Cable with USB-to-Serial Adaptor) with the computer. Connect the USB cable with the device by the mini USB port. As shown below,
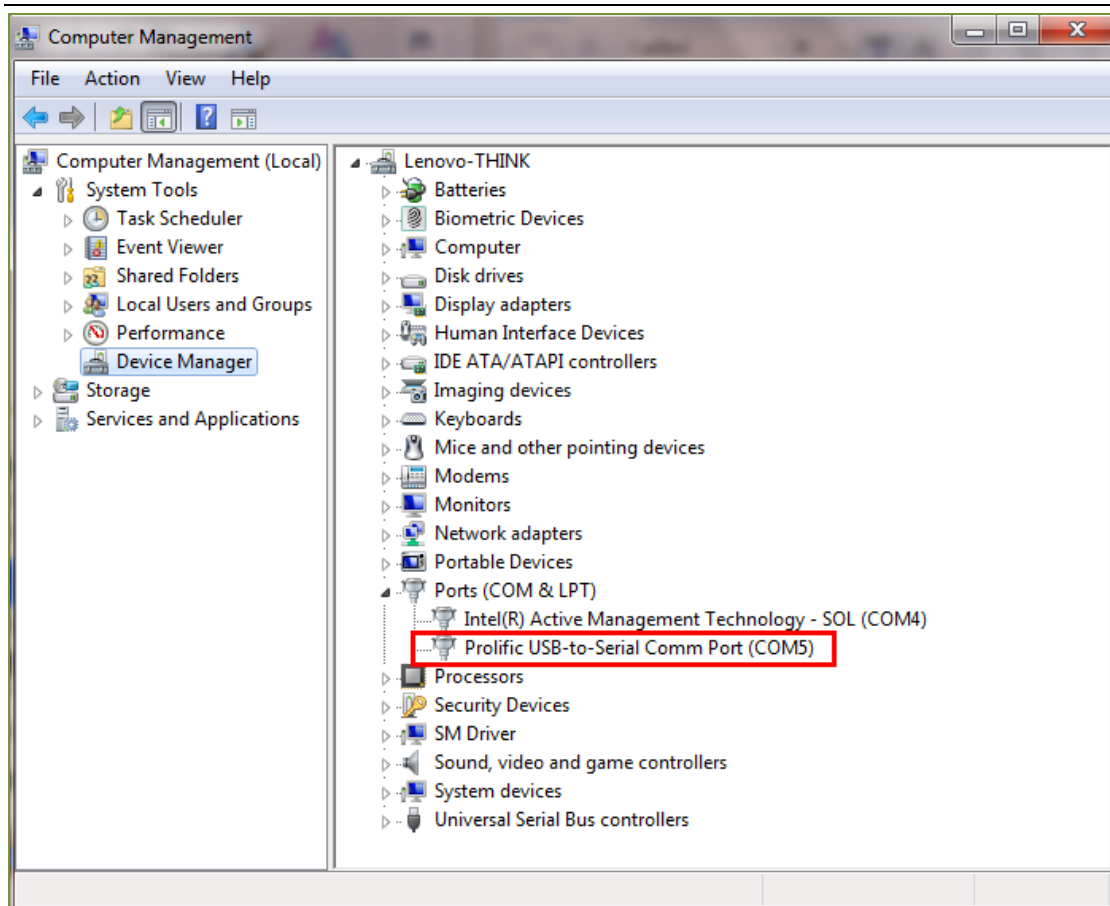

After the connection, open the Device Manager in computer. Do the following:

Right click "Computer"→click "Manage"→"Device Manager"→"Ports (COM & LPT)" Then you'll see "Prolific USB-to-Serial Comm Port (COM X)"
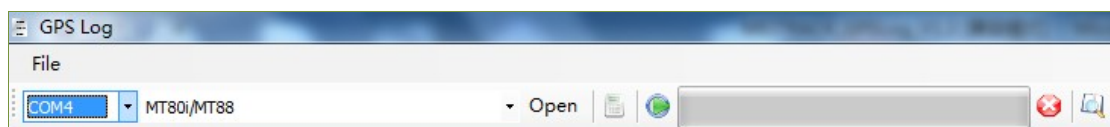
As the sample picture below, the adaptor is using COM5.it would be COM3 or COM4…in your computer. It means the device communicates with the computer via this COM port.

2. Functions

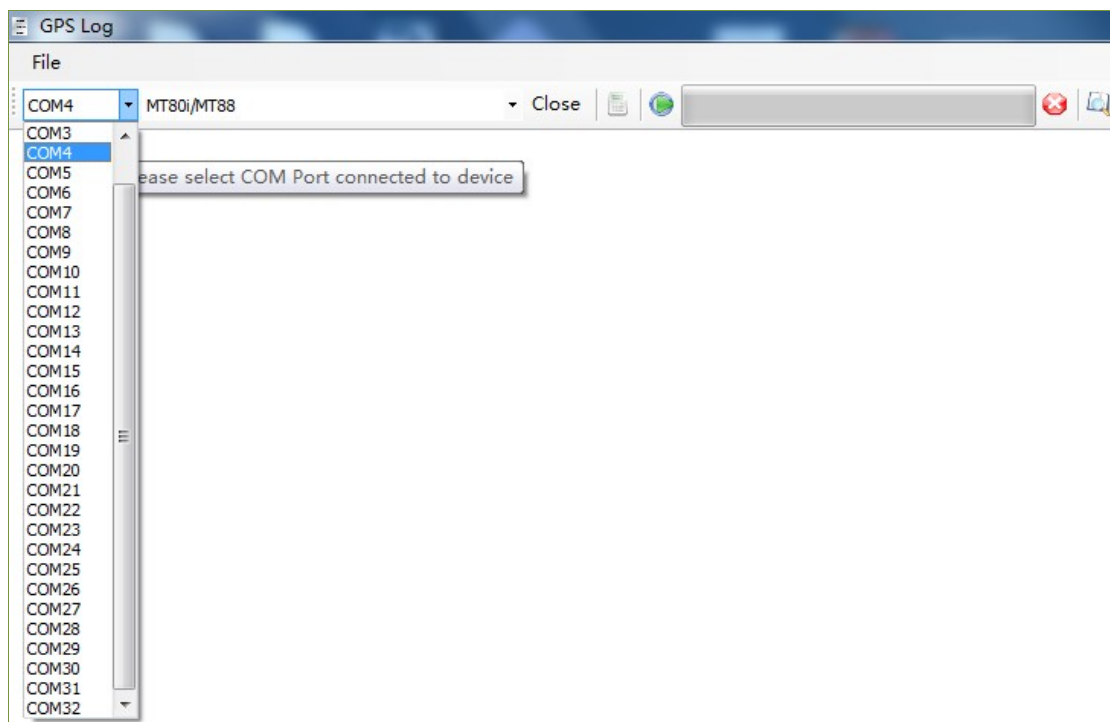The main interface of GPSLog is shown as follows,

2.1 Read Data

2.1.1 Select the COM port and device model

Select the COM port which is taken by USB232-to-Serial Adaptor. As the sample above, COM4 is taken; we should select "COM4". Please see the sample below. Then select the model of the device and click "Open".
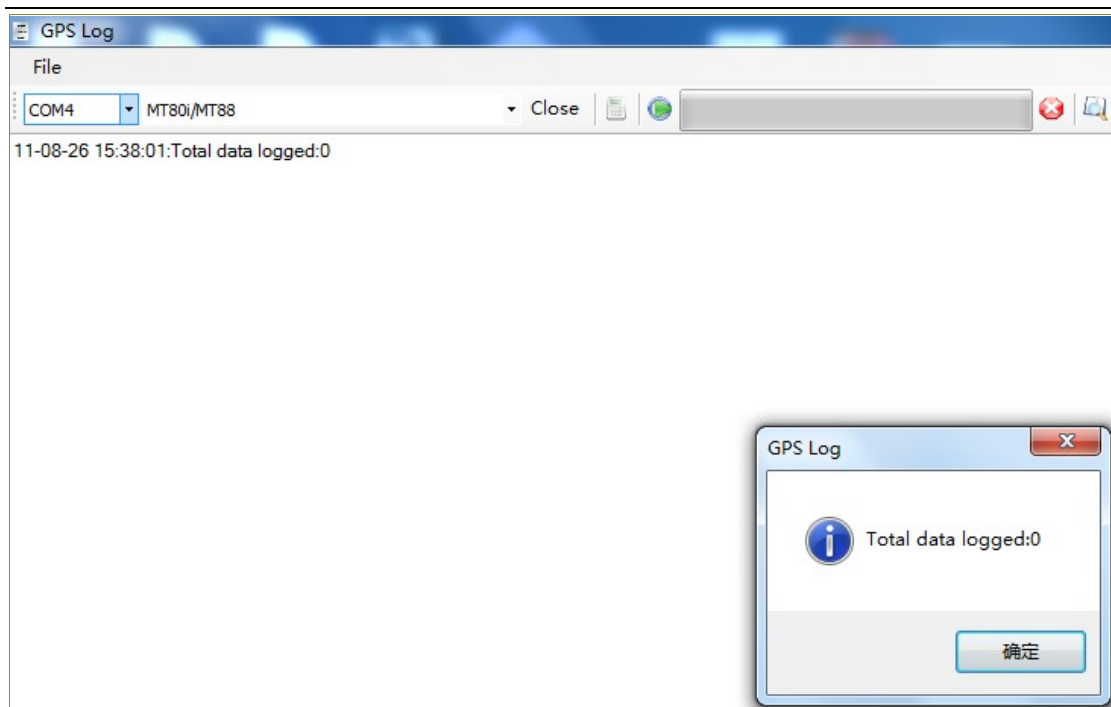
Note: when "open" is clicked, it will turn to show as "close" which means the port has been opened successfully.

If the popup window says "Open failed. Please check COM port", then please double check the COM port number. If the problem still shows up again, please disconnect the adaptor from the computer and re-connect it to the computer again.

2.1.2 Get Log count

Before using this function, please make sure the device is power on. Click [ ] to start to count the numbers of record from the internal memory of the device.
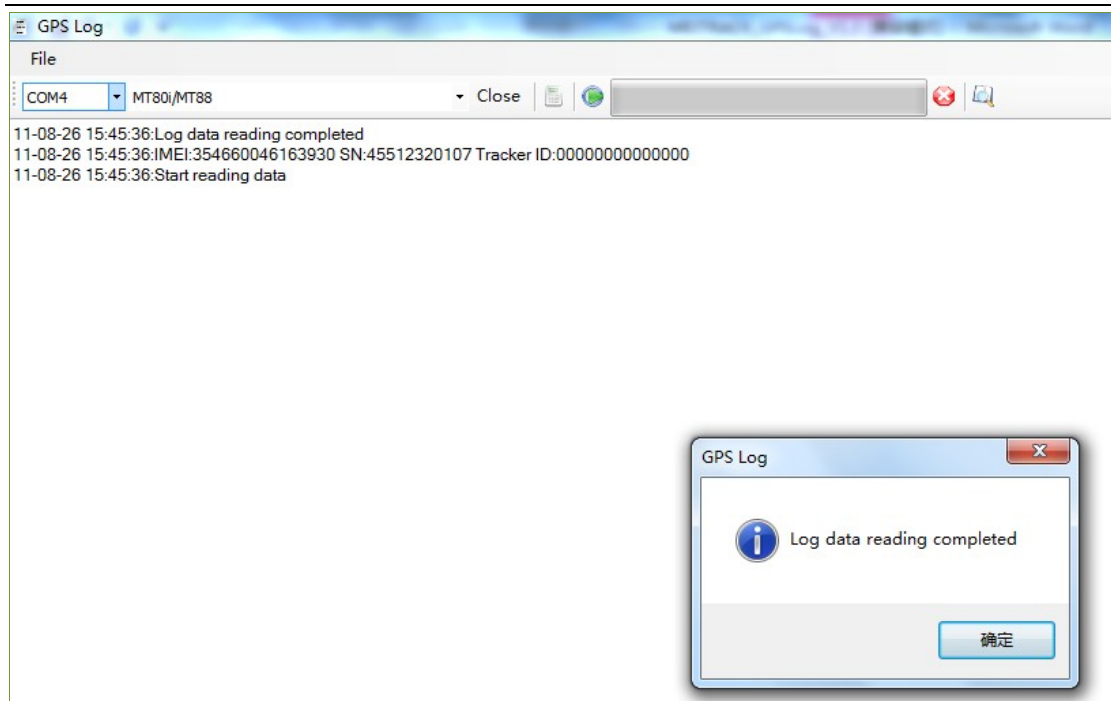
Note: If the Log count is 0, please double check if the device has Logging function or if the Logging is enabled. Please see the user manual of the device for the instructions of how to enable the Logging function.
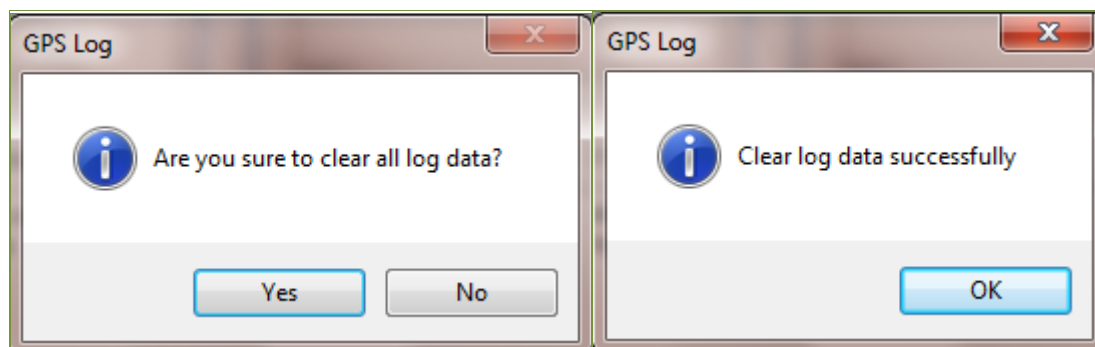
2.1.3 Start reading data

Click "read" icon" " to start reading data. In the mean while, the records will be saved in the files under this program. And these records are available for reading in the future with connecting the device to the computer.
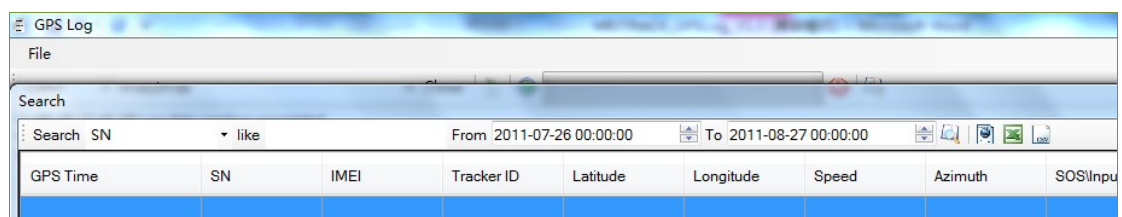
2.1.4 Clear Log

In order to avoid reading duplicate data, please click ![icon] to clear log after finished reading data.

2.2 Search Function

Click search icon ![icon] in the main menu to start search. The popup window will shown as follows,

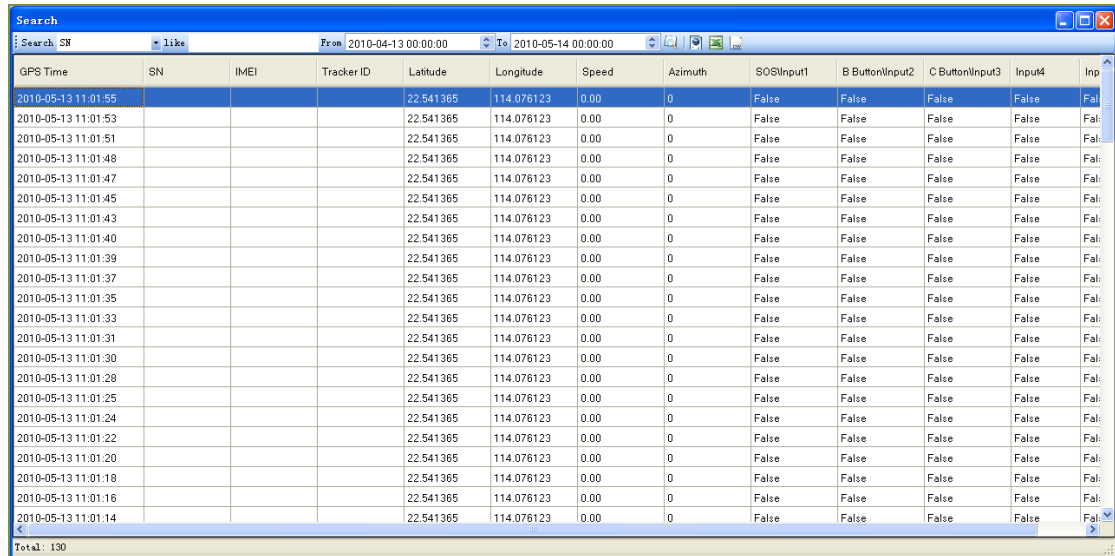Besides search function, the results can be exported to KML files, Excel files and CSV files.

File Name:	MEITRACK GPSLog	Creator:	Cavana Cheung
Project:	GT30i/MT80i/MT88/MT90/VT31 0/MVT100/MVT380/MVT600/T1	Creation Date:	2010-05-14
		Update Date:	2013-06-27
Sub Project:	GPS Logging	Page:	- 10 - of 15
Revision:	V1.4	Confidential:	External Documentation

2.2.1 Search

You can search the selected device in the selected time range.

The tracker ID including three type which are SN, IMEI and GPRS ID. If leave it blank, it will search all devices.

You can select time range. Then click the icon   to start searching. The results shown as below,

The meanings of the data as shown below,

| Title	Contents
GPS Time	The time when the tracker get the position information from the satellite. The format is year-month-date hour-minutes-seconds.
SN	Device SN number which is inside the device. It's a 10 digits number.
IMEI	Device IMEI number. It's a 15 digits number.
Tracker ID	Device GPRS ID which is inside the device. It's a number no greater than 14 digits.
Longitude	Longitude of the tracker. The format is in degree (DD.DDDDDD). It retains 6 digits after decimal. Southern latitude will be negative.
Latitude	Latitude of the tracker. The format is in degree (DD.DDDDDD). It retains 6 digits after decimal. Western latitude will be negative.
Speed	The sped of the tracker. It retains 2 digits after decimal.
Azimuth	The heading direction of the tracker. The number means the horizontal angle measured clockwise from North.
SOS/Input 1	The status of SOS button/input1. "True" means the SOS button/input1is activated while "False" means inactivated.
B Button/Input2	The status of B Button/input2. "True" means the B Button/input2is activated while "False" means inactivated.
C Button/Input3	The status of C Button/input3. "True" means the C Button/input3is activated while "False" means inactivated.

Input4	The status of input4. "True" means the input4 is activated while "False" means inactivated.
Input5	The status of input5. "True" means the input5 is activated while "False" means inactivated.

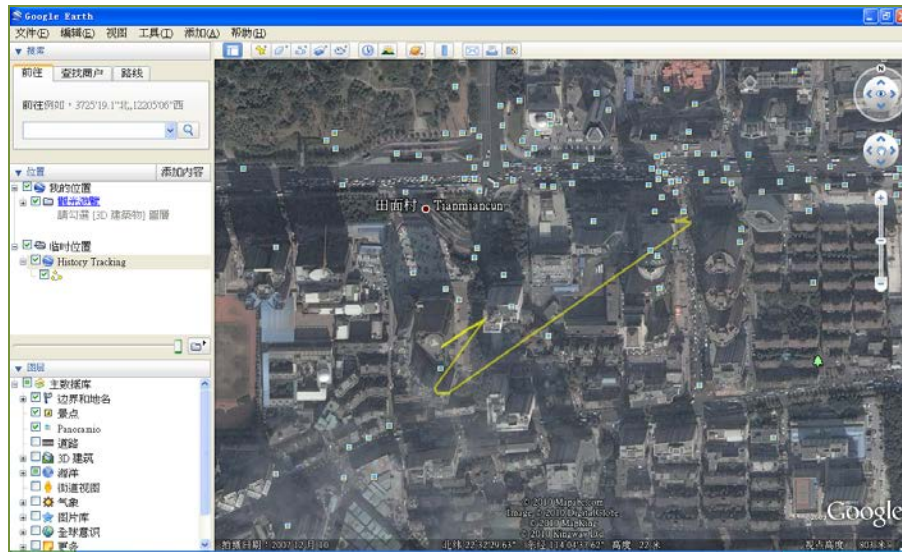Double click a record, it will show you on the map as the sample below,

2.2.2 Export to KML files

Click this icon in the menu to export KML files. The search results can be exported and saved in the format which can be recognized by Google Earth. Save the files under the folder as you like.
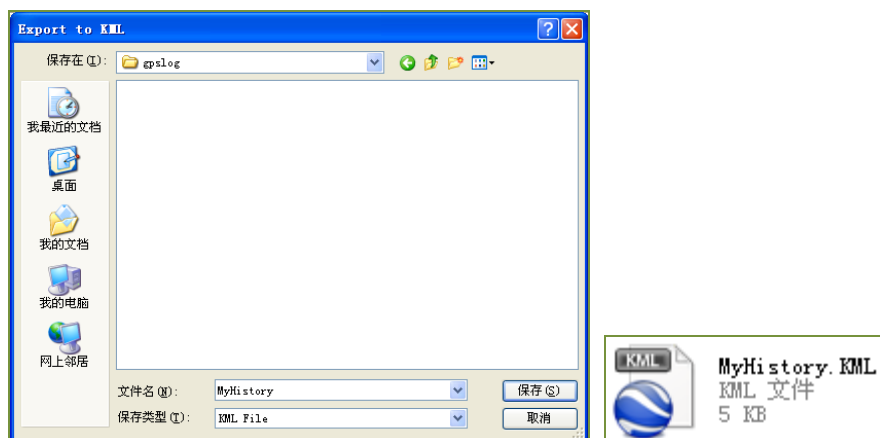
Make sure you've installed Google Earth in your computer. Then clicked the KML file you've saved before. The route of the record will be shown in the Google earth as below,

Note: Here's the link to download Google Earth. http://earth.google.com/intl/en/download-earth.html

2.2.3 Export to Excel files

Click this icon [icon] in the menu to export Excel files. Save the files under the folder as you like.

The saved Excel file will be in the format of ".xls". It includes GPS time, SN,IMEI, GPRS ID, longitude, latitude, speed, azimuth in the excel file.
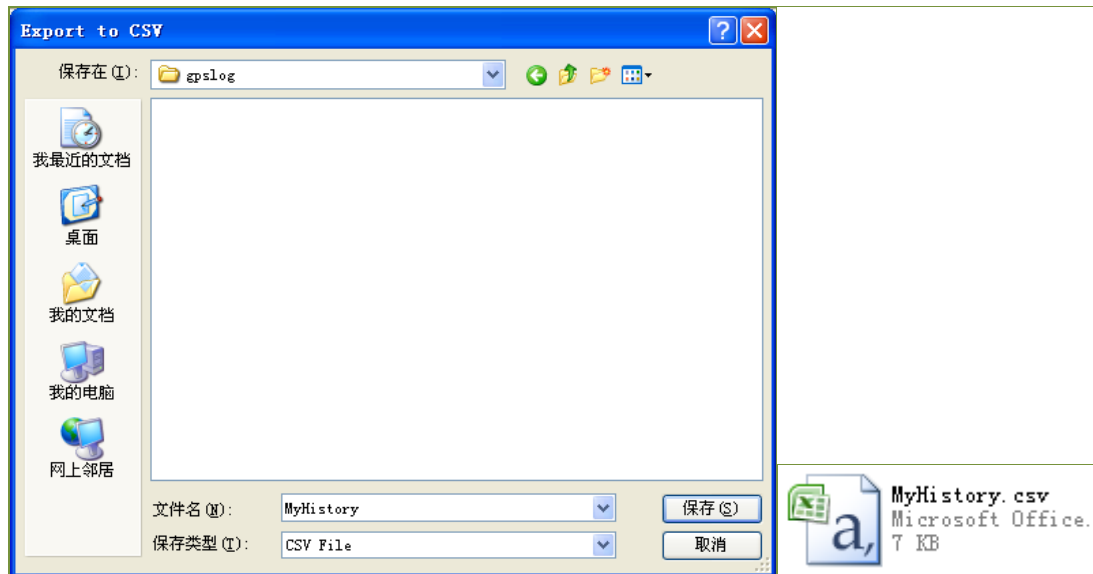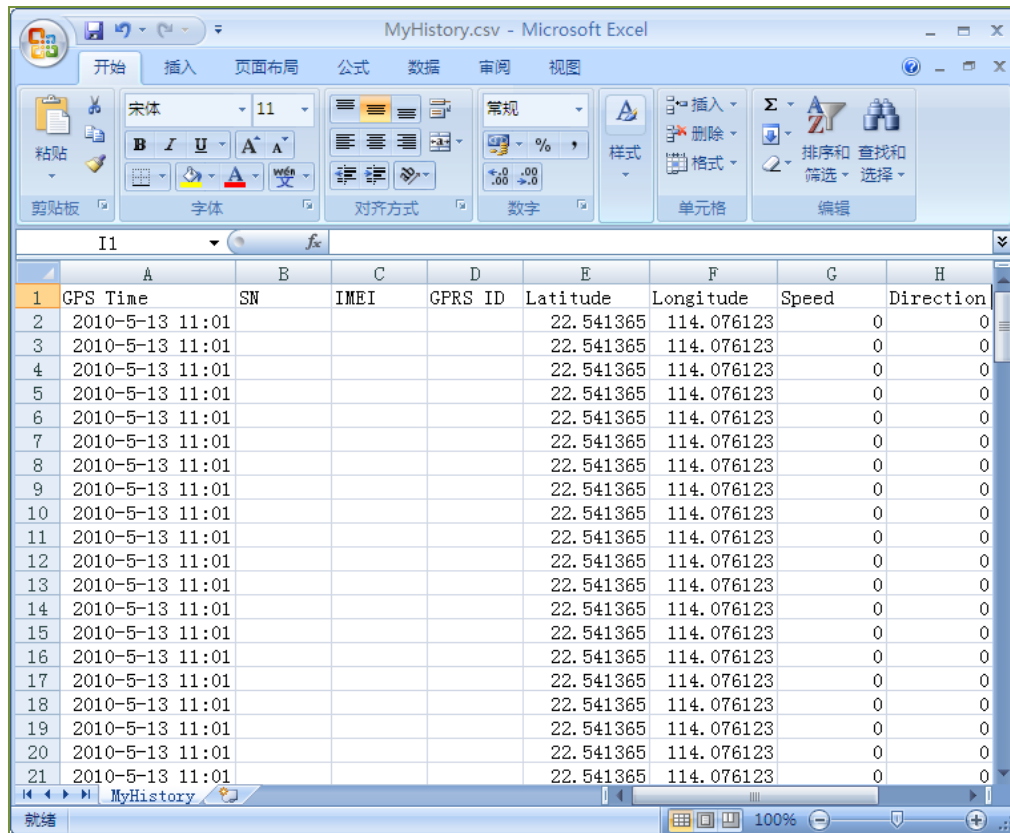
2.2.4 Export to CSV files

Click this icon in the menu to export CSV files. Save the files under the folder as you like.

The saved CSV file will be in the format of ".csv". It includes GPS time, SN, IMEI, GPRS ID, longitude, latitude, speed, and azimuth in the CSV file.
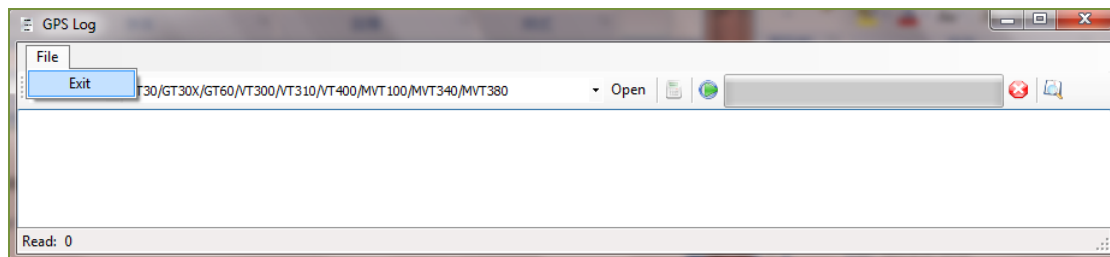
2.3 Exit GPSLog

Click "File" in the main menu and then select "Exit".

It will pop up a window to ask you if you are sure to exit. Click "Yes" to exit GPSLog.
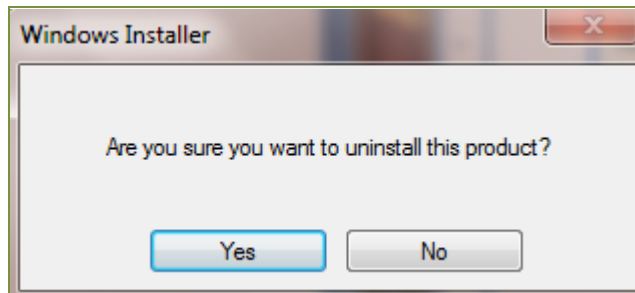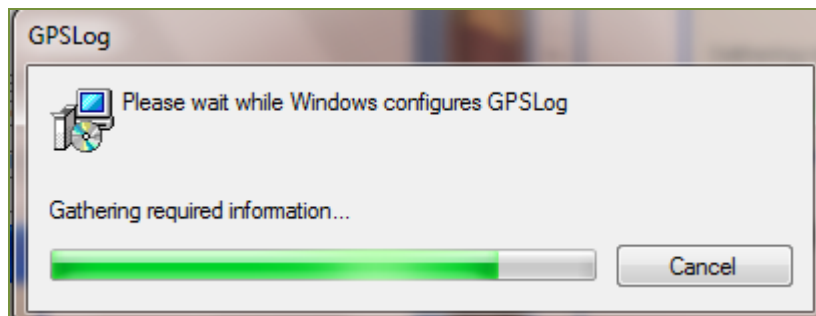
3. Uninstall GPSLog

Click "Uninstall" under the folder of GPSLog to remove this program.

Once click "Uninstall", it will pop up a window as follows,

Then please click "Yes" to confirm removing this program.

This window will close automatically after finished removing the GPSLog. And the GPSLog will also be removed from the program in the start menu.

If you have any questions, please send e-mail to info@meitrack.com. We are here to help you.