

# **MEITRACK Manager User Guide (New Version)**

**Applicable Model: Meitrack Trackers**

## Change History



File Name	MEITRACK Manager User Guide (New Version)	Created By	Sherry Li
Project	MT90G/MT90/T1/TC68S/MVT100/MVT340 MVT600/MVT800/T311/T333/MVT380 T355/T622/P99G/T366/T366G/P66/P11 T388G/T688	Creation Date Update Date	2018-01-25
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## 1 Copyright and Disclaimer

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## 2 Product Overview

The Meitrack Manager software is used to configure parameters, read historical trips, and implement data backup and restoration for Meitrack terminals.

## 3 Hardware and Software Requirements

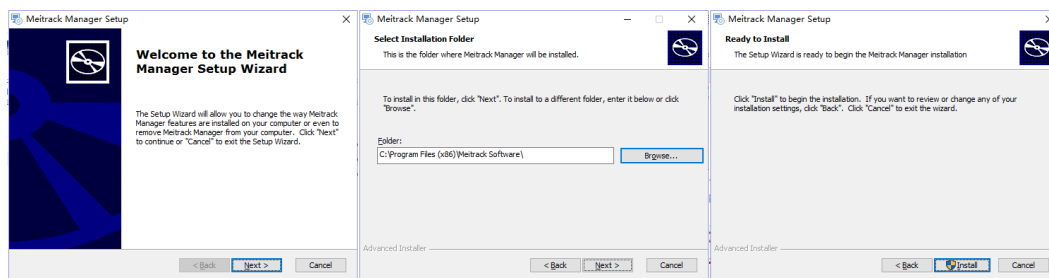
- Desktop or laptop whose operating system is Windows Vista, Windows 7, Windows 8, or Windows 10
- 1 USB cable

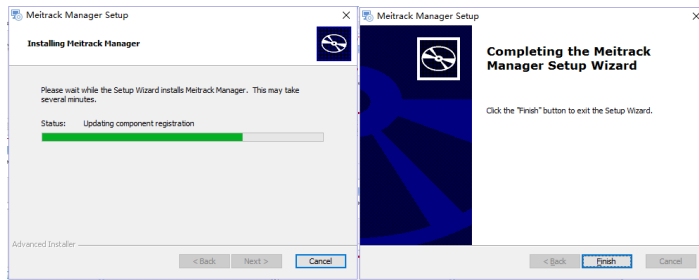


- USB232 driver
- Meitrack Manager

## 4 Installing and Running Meitrack Manager

1. Run **PL2303\_Prolific\_DriverInstaller** to install the USB232 driver.  
**PL2303\_Prolific\_DriverInstaller** is in the **USB232 Driver** directory of the product CD.
2. Install Meitrack Manager as prompted.  
Meitrack Manager requires **.Net Framework 4.0** to be installed. If it is not installed, the system will prompt to do so.



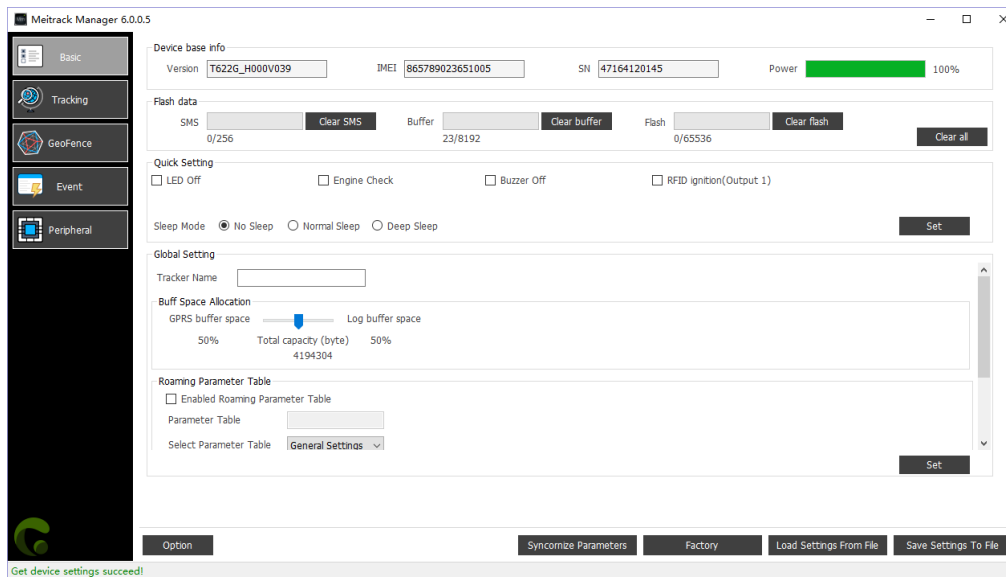


3. Connect the MT90/T1/T333 to the computer by using a USB cable.



For the T1/T333/T622, after the tracker is connected to the computer, you should press and hold down the power button for 3s to turn on it. For the MT90G/MT90/TC68S, the tracker will turn on automatically upon connecting to the computer. You are advised to turn off the tracker while it will not be used.

4. Run Meitrack Manager. If the tracker is connected to the computer successfully and the auto connection mode has been set for Meitrack Manager, Meitrack Manager will automatically detect the port number and model of the tracker and read all the parameters of the tracker.



Note: You can access to Meitrack Manager even no tracker is connected to the computer.

If you select **Auto Choose**, a specified page will be displayed for each tracker. Because Meitrack Manager integrates with multiple tracker models:

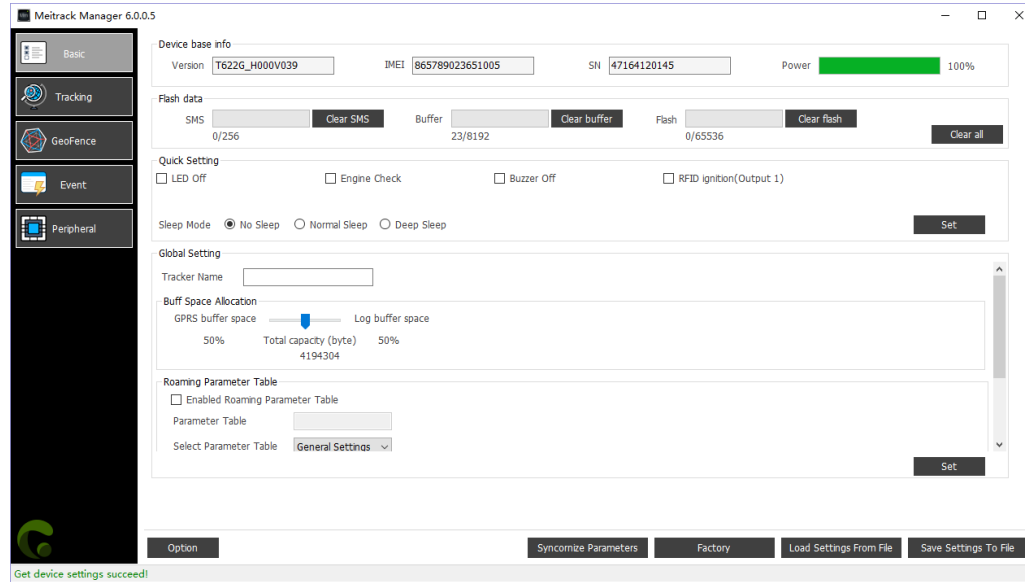
MT90G/MT90/T1/TC68S/MVT100/MVT340/MVT600/MVT800/T311/T333/MVT380/T355/T622/P99G/T366/T366G/P66/P11/T388G/T688.

## 5 Functions

This chapter describes the Meitrack Manager functions. Each tracker has unique pages due to different functions.

### 5.1 Basic Settings

The following is the **Basic** page for the T622:



Parameter	Description	Applicable Model
Version	Includes the firmware version, tracker model, and firmware creation date. When new official firmware is released, you can compare the new firmware with the existing firmware, and then check whether an upgrade is required. This field cannot be edited.	All
IMEI	Indicates the tracker's IMEI number. It is a unique number for the GPS tracking system and cannot be changed.	All
SN	Indicates the tracker's serial number (SN). It is a unique number for the product and cannot be changed.	All
Power	Indicates the remaining power of the internal battery and displayed by percentage.	All
SMS	Indicates the number of SMSs that are not sent successfully. Displayed in the form of "Cache quantity/Total data capacity". You can click <b>Clear SMS</b> to clear all cache. Cached data will be sent again when the GSM signal recovers.	All
Buffer	Indicates the quantity of GPRS data that is not sent successfully. Displayed in the form of "Cache quantity/Total data capacity". You can click <b>Clear buffer</b> to clear all cache. Cached data will be sent again when the GSM signal recovers.	All
Flash	The quantity of data recorded by the GPS recorder is displayed in the form of "Recorded data quantity/Total data capacity".	MVT100/MVT600/T3 88G/P99G/T1/MVT80

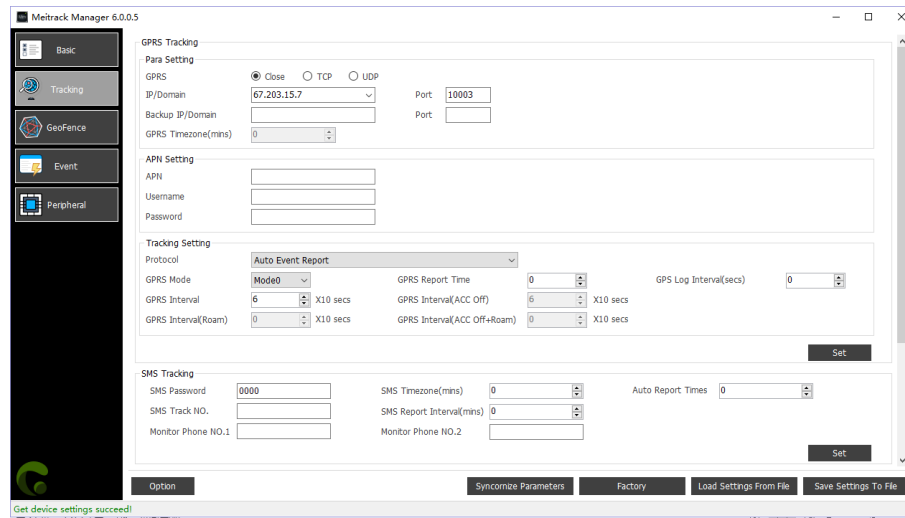
	You can click <b>Clear flash</b> to clear all recorded data. This releases storage space.	0/T366/T366G/P11/T C68S/T311/MT90/MT 90G/T333/MVT380/T 622/T688
Clear all	Clear all cached GPRS data, SMS and recorded data at the same time.	All
LED Off	Turn off GSM and GPS indicators of the tracker. After that, the tracker is easy to hide and tracker's battery power will be saved, but GSM and GPS running status cannot be detected by the LED indicators.	All (excluding P66)
Disable GPRS Button	After the option is selected, you cannot press and hold down the <b>Volume</b> button to rapidly enable or disable the GPRS function. The GPRS function is disabled by default.	MT90/MT90G/P99G
3D Shake Wake Up	After the option is selected, when the tracker is in sleep mode, it can be woken up by 3D vibration. Default: Not wakeup.	MT90/MT90G/P99G/ P66
Buzzer Off	Turn off the rings of phone keys and incoming calls. After that, when you press keys and there is an incoming call, no ring will remind you.	MVT600/T333/T1/MT 90/MT90G MVT380/MVT800/T6 22/P99G/T366/T366G /P11/T388G/T688
Power Button Enabled	After the option is selected, you can press and hold down the power button for 3 seconds to turn off the device. If the option is not selected, you cannot turn off the device by power button.	P99G/T1/T366
Auto Arm	After the option is selected, the auto arming function will be enabled. The device will enter auto arming in sleep mode. You can disarm the device by command or remote control.	T366/T366G
Disable GPSLog Button	After the option is selected, you cannot press and hold down the <b>Volume</b> button to rapidly enable or disable the GPS log function.	MT90/MT90G/P99G
Engine Check	This function is only available for vehicle trackers. After the option is selected, if the tracker detects that the ACC is off, the longitude and latitude will not be updated to avoid static drift.	MVT100/MVT600/T1/ MVT800/T388G/T688 T311/T366/T366G/P1 1/T333/MVT380/MVT 340/T622
RFID Ignition (Output 1)	After the option is selected, output 1 can be controlled after the RFID card is swiped. Swiping the card is generally used to start the engine. For details, please see the <i>Meitrack RFID user guide</i> .	MVT600/T1/T622 T333/T366/T366G/T3 88G/T688
Auto Sleep	After the option is selected, when the voltage of the external power supply is lower than the preset value, the device will automatically enter the deep sleep mode.	T333/T1
Sleep Mode	There are 3 modes available: No Sleep, Normal Sleep, and	All (excluding P66)

	<p>Deep Sleep.</p> <p>Normal Sleep: The GSM module always works, and the GPS module occasionally enters the sleep mode (every 5 minutes).</p> <p>Deep Sleep: The GPS module is stopped and the GSM module enters the sleep mode 5 minutes after no events are triggered.</p>	
Tracker Name	Used to identify trackers, not for data transmission.	All (excluding P66)
P66 Working Mode	The P66 tracker supports 3 working modes: Long Standby Mode, SOS Mode and Normal Mode. For details, see the <i>Meitrack P66 User Guide</i> .	P66
Buffer Space Allocation	The storage percentage of GPRS and log cache will be showed. You can allocate the storage space as required.	T622/T366/T366G/P11/P99G
Positioning Mode	<p>You can select proper positioning mode based on usage conditions and environments.</p> <p>There are 4 positioning modes available: GPS + LBS positioning, WiFi + LBS positioning, GPS + WiFi + LBS positioning, and LBS positioning.</p>	P99G
Roaming Parameter Table	After you select <b>Enabled Roaming Parameter Table</b> and the device enters a roaming area, the roaming parameters will take effect. There are 2 parameter tables: <b>General Settings</b> (non-roaming parameters) and <b>Roaming Settings</b> (roaming parameters).	T622/T366/T366G
GPS Data Filtering	<p>After you enable GPS data filtering, if all conditions of the GPS speed, GPS positioning accuracy, and number of GPS satellites are met, GPS data will be updated. The GPS data filtering function can eliminate static drift.</p> <p>Filtered data includes the GPS speed, GPS positioning accuracy, and number of GPS satellites.</p>	T622/T366/T366G
Synchronize Parameters	Read the latest parameters from the tracker to check whether edited parameters are saved successfully.	All
Factory	Restore all tracker parameters to initial settings.	All
Load Settings From File	Read the parameter file saved before. If the file is read successfully, a dialog box asking whether to apply to the current device is displayed. If yes, you had better set the tracker name.	All
Save Settings To File	Save all parameters of the tracker as a file. The parameter configurations can be used for another tracker.	All
Set	Write the parameter values in the column to the tracker. If you do not want to affect parameters in other columns, click <b>Set</b> .	All



## 5.2 Tracking Settings

The following is the **Tracking** page for the T688:



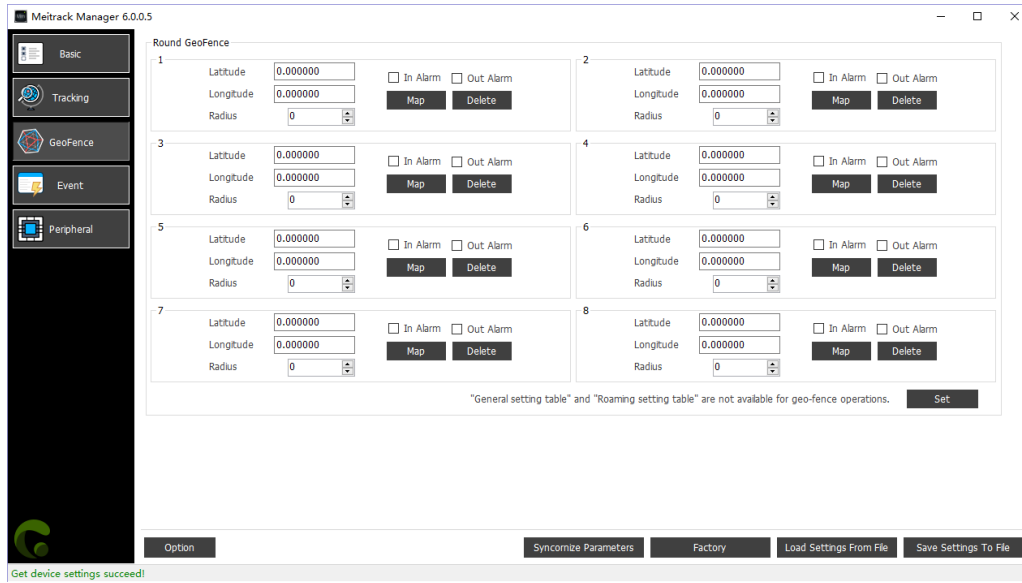
Parameter	Description	Applicable Model
GPRS	<p><b>Close:</b> Disable the GPRS scheduled uploading function.</p> <p><b>TCP:</b> It is a reliable connection mode. You are advised to select this option.</p> <p><b>UDP:</b> It saves traffic but is not reliable.</p>	All
IP/Domain and Port	<p>Set the active server IP address and port.</p> <p>You can set the IP address to <b>67.203.15.7</b> and port to <b>10003</b>.</p>	All
Standby IP/Domain and Port	<p>Set the standby server IP address and port. When the active server stops, the tracker automatically sends data to the standby server to prevent data loss. If no standby server exists, clear the two options.</p>	MVT100/MVT600/P99G MVT800/T366/T366G TC68S/T311/MT90/T1 T333/MVT340/MVT380 T622/T388G/P66/T688
GPRS Time Zone	<p>When <b>GPRS minute</b> is <b>0</b>, the time zone is <b>GMT 0</b> (default time zone). Please set the GPRS time zone to <b>0</b> when you use our tracking platform.</p> <p>When <b>GPRS minute</b> is a value ranging from -32768 to 32767, set time zones.</p>	All
APN, Username, and Password	<p>Each parameter contains a maximum of 32 bytes. If there are no parameter values for parameters <b>Username</b>, and <b>Password</b>, leave them blank.</p> <p>The APN of China Mobile is CMNET, and the APN of China Unicom is UNINET. Their usernames and passwords are left blank.</p>	All
Protocol	<p>Default value: <b>Auto Event Report</b></p> <p>If you want to transmit other events, "Event report needs server's confirmation and delete the event report" option</p>	All

	needs to work with the UDP. For details, see the <i>MEITRACK GPRS protocol</i> .	
GPRS Mode	<p>GPRS mode: ACC ON, ACC OFF, Local, and Roaming</p> <p><b>T1</b>: indicates the data uploading interval which is not restricted by engine status and roaming.</p> <p><b>T2</b>: indicates the data uploading interval when the engine stops or the engine stops in Local mode.</p> <p><b>T3</b>: indicates the data uploading interval when the engine starts in Roaming mode, or the interval which is not restricted by roaming when the engine stops.</p> <p><b>T4</b>: indicates the data uploading interval when the engine stops in Roaming mode.</p>	All
Mode 0	Mode 0 (T1): Parameter <b>T1</b> is the data uploading interval that is not restricted by any condition.	All
Mode 1	Mode 1 (T1 + T2): Parameter <b>T1</b> is the data uploading interval when the engine starts. Parameter <b>T2</b> is the data uploading interval when the engine stops.	MVT100/MVT600/T622 T1/MVT800/T388G/P11 T333/MVT380/T366G T311/T366/T688/TC68S
Mode 2	Mode 2 (T1 + T3): In Local mode, parameter <b>T1</b> is the data uploading interval. In roaming mode, parameter <b>T3</b> is the data uploading interval.	All (excluding T366, T366G and T622)
Mode 3	Mode 3 (T1 + T3 + T4): In Local mode, parameter <b>T1</b> is the data uploading interval and the interval is not restricted by the engine status. In roaming mode, when the engine starts, parameter <b>T3</b> is the data uploading interval; when the engine stops, parameter <b>T4</b> is the data uploading interval.	MVT100/MVT600/T688 TC68S/MVT800/T388G T333/MVT380/T311/T1
Mode 4	Mode 4 (T1 + T2 + T3 + T4): In Local mode, when the engine starts, parameter <b>T1</b> is the data uploading interval; when the engine stops, parameter <b>T2</b> is the data uploading interval. In Roaming mode, when the engine starts, parameter <b>T3</b> is the data uploading interval; when the engine stops, parameter <b>T4</b> is the data uploading interval.	MVT100/MVT600 T1/MVT800/T388G T333/MVT380 T311/T688/TC68S
GPRS Report Time	<p>indicates the number of GPRS reporting times.</p> <p>When the number of reporting times is <b>0</b>, data can be reported for unlimited times.</p> <p>When the number of reporting times is a value ranging from 1 to 255, set the number of reporting times. When reporting reaches the preset value, reporting stops.</p>	All
GPS Log Interval	The location information will be recorded by GPRS at a specific interval. This function is available when GPS is valid and there is no GSM signal (such as climbing). So this function is not recommended for normal conditions.	All

SMS Password	Indicates the password used for sending an SMS command. Default value: <b>0000</b>	All
SMS Time Zone	The default tracker time zone is GMT 0. You can run a command to change the SMS time zone to the local time zone. The SMS time zone is different from the GPRS data packet time zone. When <b>SMS minute</b> is <b>0</b> , the time zone is <b>GMT 0</b> (default time zone). When <b>SMS minute</b> is a value ranging from -32768 to 32767, set time zones. The unit is minute. For example, set the Beijing time zone to <b>480</b> .	All
SMS Tracking No.	<b>SMS Tracking No.:</b> indicates the phone number receiving scheduled SMSs. <b>SMS Report Interval:</b> Report a location at an interval by SMS. When the interval is <b>0</b> (default value), disable the scheduled SMS reporting function. When the interval is a value ranging from 1 to 65535, set an interval. The unit is minute. When the number of reporting times is 0, data has being reported. When the number of reporting times is a value ranging from 1 to 255, set the number of reporting times. When the value is reached, reporting stops.	All
Listen-in Phone No.	When the authorized listen-in phone number is used to dial the tracker, the tracker answers the call automatically and enters the listen-in state. In this way, the tracker makes no noise. A maximum of two phone numbers can be set. One phone number has a maximum of 16 digits. Phone numbers are empty by default.	All (excluding P66, P11 and T622)
Select Uploading Info	Except for basic GPS information, you can select the information to be uploaded.	T688/P99G
Set	Write the parameter values in the column to the tracker.	All

For details about GPRS settings, see the *MEITRACK SMS Protocol* and *MEITRACK GPRS Protocol*.

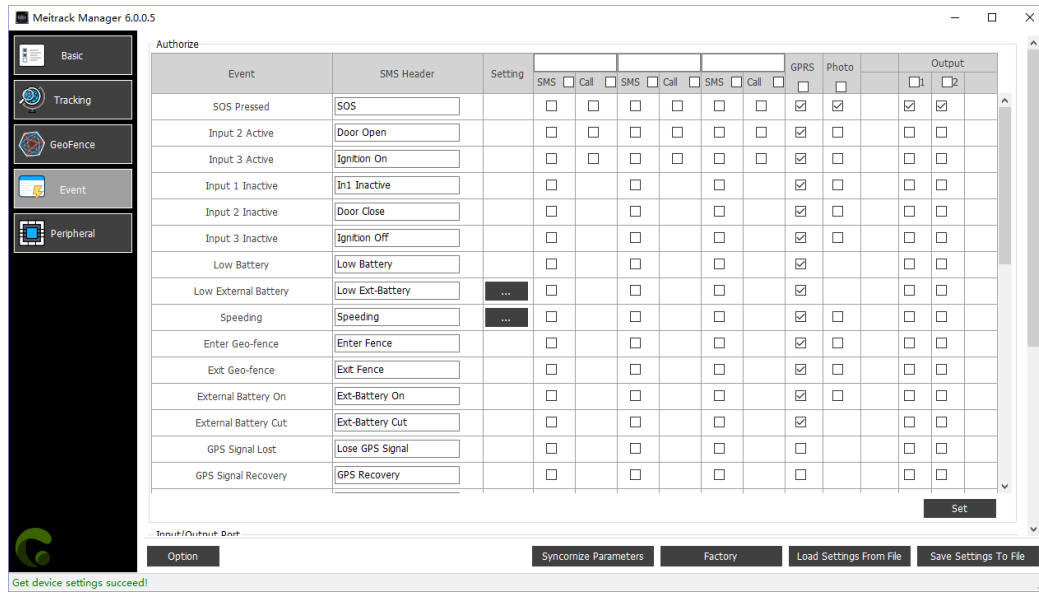
### 5.3 Geo-Fence Settings



Parameter	Description
Geo-fence	<p>A geo-fence is a circle. A maximum of eight geo-fences are supported.</p> <p>Enter a geo-fence: If you select <b>In Alarm</b>, an alert will be generated when the tracker enters the preset geo-fence.</p> <p>Exit a geo-fence: If you select <b>Out Alarm</b>, an alert will be generated when the tracker exits the preset geo-fence.</p> <p>You can enter values in <b>Latitude</b>, <b>Longitude</b>, and <b>Radius</b>, or click <b>Map</b> to draw a geo-fence.</p> <p>To delete a geo-fence, click <b>Delete</b>.</p>
Set	Write the parameter values in the column to the tracker.

### 5.4 Event Settings

The following is the **Event** page for the T622:



Parameter	Description	Applicable Model
Event	The selected event report will be sent to the server through GPRS. For details, see the <i>MEITRACK GPRS Protocol</i> and <i>MEITRACK SMS Protocol</i> . For details about event descriptions, see the following table.	All
Value	Indicates an event value. For example, set the speeding event value to 50 km/h. When the driving speed exceeds the preset value, a speeding alert will be generated.	All
Check box under GPRS	Select check boxes as required. After that, if a selected event occurs, a GPRS event report will be sent to the server. Note: You can select the first check box, that is, select all events.	All
Check box under Photo	Select check boxes as required. After that, if a selected event occurs, a photo will be automatically taken. Note: You can select the first check box, that is, select all events.	MVT600/T1/T3/T333/T622/T388G/T688
Output Port	You can set output 1 and output 2. When some alert events are generated, output ports can trigger the high level, low level, or PWM wave. Triggering mode: high level, low level and PWM Unit of output time: 10 ms Duty cycle range: 0%–100% Unit of PWM period: $\mu$ s	T622/T366/T366G
Input Port	Triggering mode: positive input, negative input and AD input	T622/T366/T366G
Set	Write the parameter values in the column to the tracker.	All

Example: event descriptions

If a check box is selected, the event report will be sent to the server through GPRS.

Event	Description	Applicable Model
Input 1 Active (SOS Pressed)	An alert will be generated when input 1 is activated (or the SOS button is pressed).	All
Input 2 Active	An alert will be generated when input 2 is activated. SMS header: Ignition On: MVT100&T366&T388G Door Open: MVT600&T1&MVT800&T622&T688. Other trackers are not defined.	MVT100/MVT600/T688/P99G/T1/MVT800/T388G/T366/T366G/T333/MVT380/MVT340/T622
Input 3 Active	An alert will be generated when input 3 is activated. SMS header: Ignition On: MVT600&T1&T622&T688&T388G Door Open: MVT800. Other trackers are not defined.	MVT600/T1/T688/P99G/P11/MVT800/T388G/T366/T366G/T333/MVT380/MVT340/T622
Input 4 Active	An alert will be generated when input 4 is activated. SMS header: Ignition On	MVT800/T366/T366G
Input 2 Trigger Mode	Configure high level or low level for input 2 as required. Default: low level input.	MVT800
Input 3 Trigger Mode	Configure high level or low level for input 3. Default: low level input (used for vehicle door detection).	MVT800
Input 1 Inactive (SOS Released)	An alert will be generated when input 1 is not activated (or the SOS button is not pressed).	All (excluding P66)
Input 2 Inactive	An alert will be generated when input 2 is not activated. SMS header: Ignition Off: MVT100&T366&T388G Door Close: MVT600&T1&MVT800&T622&T688. Other trackers are not defined.	MVT100/MVT600/T688 T1/MVT800/T388G/T366/T366G/T333/MVT380/MVT340/T622
Input 3 Inactive	An alert will be generated when input 3 is not activated. SMS header: Ignition Off: MVT600&T1&T622&T688&T388G Door Close: MVT800. Other trackers are not defined.	MVT600/T1/T688/P11 MVT800/T388G/T366/T366G/T333/MVT380/MVT340/T622
Input 4 Inactive	An alert will be generated when input 4 is not activated. SMS header: Ignition Off	MVT800/T366/T366G
Low Battery	An alert will be generated when the voltage of the internal battery is lower than 3.5 V.	All
Low External Battery	An alert will be generated when the voltage of the external power supply (vehicle battery) is lower than the preset value. You can change the preset voltage in the <b>Set</b> column.	MVT100/MVT600/P11 T1/MVT800/T388G/TC68 S/T311/T366/T366G/T688/T333/MVT380/MVT340/T622
Speeding	An alert will be generated when the tracker speed exceeds the preset value. You can change the preset speeding value in the <b>Set</b> column.	All
Enter Geo-fence	An alert will be generated when the tracker enters the preset geo-fence.	All

Exit Geo-fence	An alert will be generated when the tracker exits the preset geo-fence. You can change the geo-fence value in the <b>Set</b> column.	All
External Battery On	An alert will be generated when the vehicle battery connects to the tracker. Note: You can directly plug the TC68S into the vehicle without any cable.	MVT100/MVT600/T366/T366G/T1/MVT800/MVT340/MVT380/TC68S/T311/T388G/T688/T333/MVT380/T622/P11
External Battery Cut	An alert will be generated when the vehicle battery power is cut off. Note: You can plug out the TC68S from the vehicle.	MVT100/MVT600/T366/T366G/T1/MVT800/T388G/P11/TC68S/T311/T688/T333/MVT380/MVT340/T622
GPS Signal Lost	An alert will be generated when the tracker enters the GPS blind spot or no GPS signal is received.	All
GPS Signal Recovery	An alert will be generated when the tracker exits the GPS blind spot or a GPS signal is received.	All
Enter Sleep	An alert will be generated when the tracker enters the sleep mode.	All
Exit Sleep	An alert will be generated when the tracker is woken up from the power-saving mode. You can change the sleep mode in the <b>Set</b> column.	All
GPS Antenna Cut	The external GPS antenna is not connected or is cut off.	MVT100/MVT600/T388G/P11/T1/MVT800/T311/T688/T333/MVT380/MVT340/T622
Device Reboot	An event report is sent when the tracker starts.	All
Heartbeat	Enable the heartbeat report function. You can change the heartbeat packet interval in the <b>Set</b> column.	All
Cornering	Enable the cornering report function. When the driving angle exceeds the preset value, a cornering report will be sent. You can change the cornering angle in the <b>Set</b> column.	All
Track By Distance	Track by distance. You can change the distance in the <b>Set</b> column.	All
Reply Current (Passive)	When the tracker receives a call or an SMS from the authorized phone number, the current location will be responded.	All (excluding P66)
Track By Time Interval	Track by time interval. You can change the time interval in <b>Tracking</b> column.	MVT800/T388G/T366/T366G/T688/P66/P11/TC68S/T622/P99G
Tow	When the tracker enters the deep sleep mode, if the vibration duration exceeds the preset value, a towing alert will be	All vehicle trackers

	<p>generated.</p> <p>You can change the consecutive vibration time for a towing alert in the <b>Set</b> column.</p>	
RFID	<p>Connect the tracker to the RFID reader to obtain the RFID. (Related RFID events will be received when the T622 is connected to iButton.)</p>	MVT600/T1/T388G/T333 /T622/T366/T366G /T688
Temperature High	<p>An alert will be generated when the temperature of the temperature sensor is higher than the preset upper limit.</p>	MVT600/T1/T388G/T688 /T333/MVT800/T366/T366G/T622
Temperature Low	<p>An alert will be generated when the temperature of the temperature sensor is lower than the preset lower limit.</p>	MVT600/T1/T388G/T688 /T333/MVT800/T366/T366G /T622
Full Fuel	<p>An alert will be generated when the fuel of the fuel level sensor exceeds the preset upper limit.</p>	MVT600/T1/T388G/T366 /T366G/T333/T622/MVT800/T688
Low Fuel	<p>An alert will be generated when the fuel of the fuel level sensor is less than the preset lower limit.</p>	MVT600/T1/T388G/T366 /T366G/T333/T622/MVT800/T688
Fuel Filling	<p>When the fuel level increases by over 2% within 3 minutes (default value), an alert will be generated.</p>	T388G/T366/T366G/T688
Fuel Theft	<p>By default, when the fuel level reduces by over 2% within 3 minutes, a fuel theft alert will be generated.</p>	T622/T388G/T366/T366G /T688
Armed	<p>An event report is sent when the arming mode is successfully set for the tracker.</p>	MVT800/TC68S/T311/T366/T366G
Disarmed	<p>An event report is sent when the disarming mode is successfully set for the tracker.</p>	MVT800/TC68S/T311/T366/T366G
Vehicle Theft	<p>In arming mode, if the input is activated, it means that the vehicle is stolen. In this way, an alert will be generated.</p>	MVT800/T311/TC68S/T366/T366G
Stop Moving	<p>After this option is selected and the terminal enters the static state, an event report will be generated.</p>	MT90/MVT600/T1/T333/T622
Start Moving	<p>After this option is selected and the terminal enters the moving state, an event report will be generated.</p>	MT90/MVT600/T1/T333/T622
GSM Jamming	<p>After this option is selected and the terminal detects jamming, an event report will be generated.</p>	MVT100/MVT600/T1/T333/MVT800/T688/T366
Reject Incoming Call	<p>If the option is selected, when the tracker receives a call from the authorized phone number, the call will be rejected automatically.</p>	All (excluding P66)
Auto Answer Incoming Call	<p>If the option is selected, when the tracker receives a call from the authorized phone number, the call will be answered automatically.</p>	All (excluding P66)
Harsh Braking	<p>The alert helps analyze drivers' driving behaviors. The alert value is a negative number. If the function is enabled, an alert will be generated when the driving speed reaches the preset</p>	T622/MVT800/T366/T366G/T388G/T688/TC68S

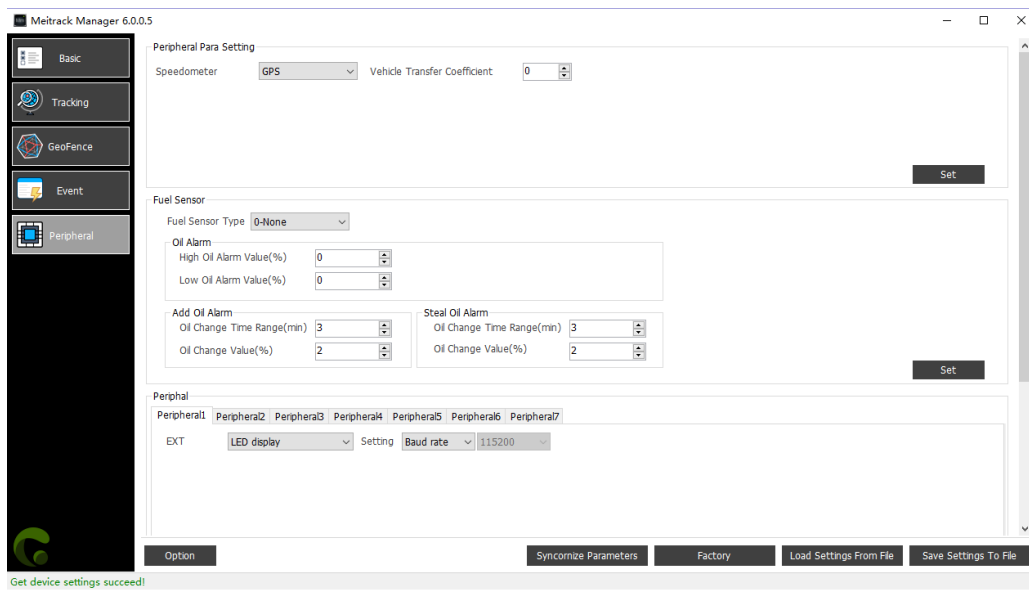


	value.	
Harsh Acceleration	The alert helps analyze drivers' driving behaviors. The alert value is a positive number. If the function is enabled, an alert will be generated when the driving speed reaches the preset value.	T622/MVT800/T366/T366G/T388G/T688/TC68S
Fall	After this option is selected and a Man Down alert is generated, an event report will be generated.	MT90/P66/P99G
No GSM Jamming	After this option is selected and the terminal detects that no jamming occurs, an event report will be generated.	MVT100/MVT600/T1/T333/MVT800/T688/T366
Idle Overtime	This event helps analyze drivers' driving behaviors. When the vehicle parks overtime without ignition off, an alert will be generated.	T388G/T366/T366G
Idle Recovery	This event helps analyze drivers' driving behaviors. When the vehicle recovers to normal speed from idling overtime, an idling recovery alert will be generated.	T388G/T366
Fatigue Driving	Enable the fatigue driving function. When the fatigue driving duration exceeds the preset value, an event report is sent. You can change the fatigue driving duration in the <b>Value</b> column.	TC68S/T388G/T688/T366
Enough Rest after Fatigue Driving	Enable the fatigue driving rest function. When the fatigue driving rest duration exceeds the preset value, an event report is sent. You can change the fatigue driving rest duration in the <b>Value</b> column.	TC68S/T388G/T366
Speed Recovery	If the option is selected, when the vehicle speed recovers to the normal speed, an event report is sent.	TC68S/T388G
Maintenance Notice	If the option is selected, when the driving mileage or time reaches the preset value, an event report is sent.	TC68S/T366
Ignition On	If the option is selected, when the tracker detects that the vehicle starts, an event report is sent.	TC68S
Ignition Off	If the option is selected, when the tracker detects that the vehicle stops, an event report is sent.	TC68S

For details about GPRS settings, see the *MEITRACK SMS Protocol* and *MEITRACK GPRS Protocol*.

## 5.5 Peripheral Settings

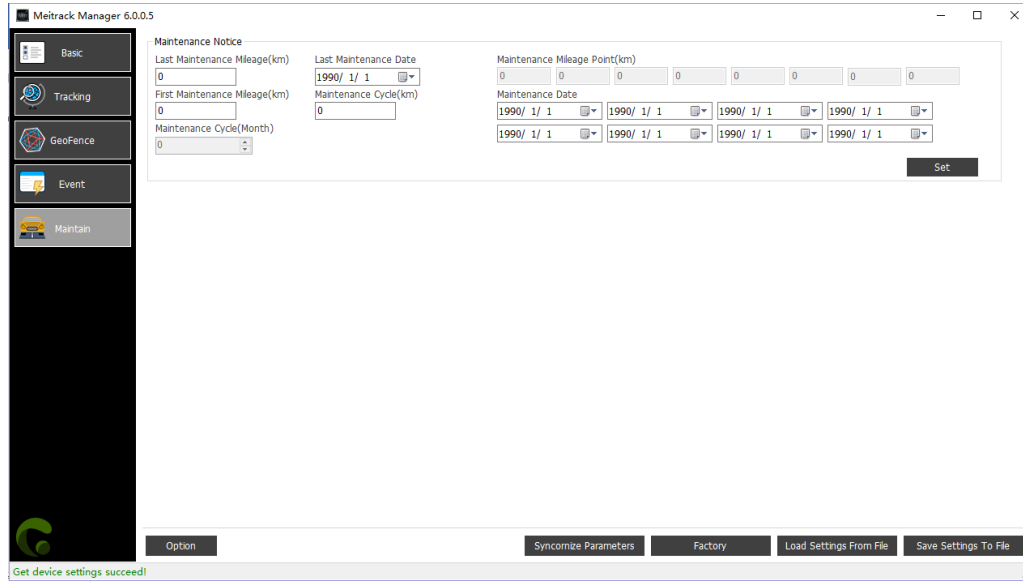
The following is the **Peripheral** page for the T688.



Parameter	Description	Applicable Model
Speedometer	GPS and speed sensor calculation Default: GPS calculation	MVT800/T688
Vehicle Transfer Coefficient	When the speed is calculated by using the speed sensor, the tracker will automatically calibrate the vehicle speed coefficient. You can also manually set the coefficient.	MVT800/T688
Fuel Sensor	The device can be connected to C-type fuel level sensor, V-type fuel level sensor, R-type fuel level sensor and ultrasonic fuel level sensor. You can set high and low fuel alert percentage. When the fuel percentage is greater than or lower than the preset value, a high fuel alert or a low fuel alert will be generated respectively. When the fuel level increases or reduces by over 2% within 3 minutes (default value), a fuel filling alert or fuel theft alert will be generated respectively. You can set the parameter as required.	T622/T366/T366G/T388G/T688
Peripheral	The device can connect peripherals supporting RS232 ports by default. If you want to use peripherals supporting RS485 ports, we can provide the custom-made service for you. Peripherals supporting RS232 ports include the camera, Garmin navigator, LLS sensor, LED display, and RFID reader. Camera baud rate: 115200 Garmin navigator baud rate: 9600 LLS sensor baud rate: 19200 LED display baud rate: 115200 RFID reader baud rate: 19200	T622/T388G/T688

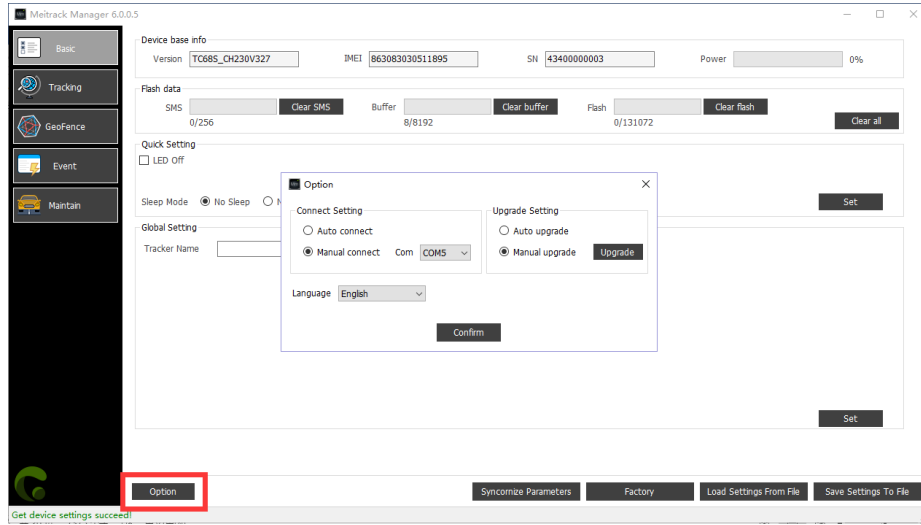
## 5.6 Vehicle Maintenance

Only TC68S supports this function. The following is the **Maintain** page for the TC68S:



Parameter	Description	Applicable Model
Last Maintenance Mileage (km)/Last Maintenance Date	Set the most recently maintenance mileage or date of the vehicle. If the vehicle has never been maintained, set the parameter to <b>0</b> and enter the date when you buy the vehicle.	TC68S
First Maintenance Mileage (km)/Maintenance Cycle (km)	Set the two parameters. When the driving mileage reaches the preset value, a maintenance warning is generated.	TC68S
Maintenance Cycle (Month)	Set the parameter. When the device running time reaches the preset value, a maintenance warning is generated.	TC68S
Maintenance Mileage Point (km)/Maintenance Date	Maintenance mileage point = Last maintenance mileage + Last maintenance interval There are 8 mileage points in total. Maintenance time point = Last maintenance date + Maintenance interval There are 8 maintenance time points in total.	TC68S

## 5.7 Option Settings



Parameter	Description	Applicable Model
Connect Setting	<p>There are 2 connection methods as follows:</p> <ul style="list-style-type: none"> <li>● <b>Auto connect:</b> After the driver is installed and the device is connected properly, the computer will automatically detect the corresponding port and the port will be automatically used for Meitrack Manager.</li> <li>● <b>Manual connect:</b> If the port cannot be automatically detected, manually select the port.</li> </ul>	All
Upgrade Setting	<p>There are 2 upgrade methods as follows:</p> <ul style="list-style-type: none"> <li>● <b>Auto upgrade:</b> When the software starts, the existing version will be compared with the latest version. If the latest version exists, the software will be automatically updated. You are advised to select this option and ensure that the network is connected.</li> <li>● <b>Manual upgrade:</b> Select this option if customized software is used or you do not want to update software.</li> </ul> <p>Click <b>Upgrade</b> to manually compare the software versions. If new version exists, the software will be automatically updated.</p>	All
Language	<p>You can select proper language from the <b>Language</b> drop-down list. There are Chinese and English languages available.</p> <p>After the language is switched, the software will be automatically restarted.</p>	All
Confirm	<p>Click <b>Confirm</b> to confirm the settings.</p>	All
Enter MYCOM	<p>While running Meitrack Manager, you can use the keyboard shortcut Ctrl+Alt+M to switch to MYCOM software.</p> <p>MYCOM and Meitrack Manager cannot be run at the same time.</p>	All

If you have any questions, do not hesitate to email us at [info@meitrack.com](mailto:info@meitrack.com).