

# **MEITRACK Manager User Guide**

# Applicable Model: MT90G/MT90/T1/TC68S/ MVT100/MVT340/MVT600/MVT800/ T311/T322X/T333/MVT380/T355/T622/Trackids



File Name	MEITRACK Manager User Guide	Created By	Catherine Zhao
Project	MT90G/MT90/T1/TC68S/MVT100/	Creation Date	2011-12-14
	MVT340/MVT600/MVT800/T311/	Update Date	2016-12-20
	T322X/T333/MVT380/T355/T622/Trackids		
Subproject	User Guide	Total Pages	19
Version	V2.7	Confidential	External Documentation

# **Change History**

# Contents

opyright and Disclaimer	4 -
roduct Overview	4 -
ardware and Software Requirements	4 -
nstalling and Running Meitrack Manager	4 -
unctions	6 -
5.1 Tracker Information	6 -
5.2 Tracking	9 -
5.3 Geo-Fence	12 -
5.4 Authorization	12 -
5.5 GPS Log	17 -
5.6 Peripheral	18 -



## **1** Copyright and Disclaimer

Copyright © 2016 MEITRACK. All rights reserved.

**C**melltack and **O** are trademarks that belong to Meltrack Group.

The user manual may be changed without notice.

Without prior written consent of Meitrack Group, this user manual, or any part thereof, may not be reproduced for any purpose whatsoever, or transmitted in any form, either electronically or mechanically, including photocopying and recording. Meitrack Group shall not be liable for direct, indirect, special, incidental, or consequential damages (including but not limited to economic losses, personal injuries, and loss of assets and property) caused by the use, inability, or illegality to use the product or documentation.

#### **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 system is Windows XP, 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.

l	Meitrack Manager	📸 Meitrack Manager	Heitrack Manager
	Welcome to the Meitrack Manager Setup Wizard	Select Installation Folder	Confirm Installation
	The installer will guide you through the steps required to install Methack. Manager on your computer.	The installer will instal Mohach Managet to the following lidder. To protein the lidder, cloth "Neur". To install to a different lidder, enter it below or clock. "Biowner". Edder. E-Cloc. E-Cloc. Disk Cost Disk Cost	The installer is ready to install Methods Manager on your computer.
	WARNING: This computer program is protected by cognight law and international teaters. Unsatinated diadication or distribution of this program, or any portion of it, may result in servers civil or criminal penalities, and will be protected to the maintain elevert possible under the law.	Install Metrack. Manager for yourself, or for anyone who uses this computer:           Evenyone           @ Aut ge	
	Cancel Cancel Next>	Cancel < Back Next>	Cancel Cancel Next>

#### MEITRACK Manager User Guide



岃 Meitrack Manager		😸 Meitrack Manager
Installing Meitrack Manager	5	Installation Complete
Meitrack Manager is being installed.		Meitrack Manager has been successfully installed.
Elesse unit		Click "Close" to exit.
		Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel	Next >	Cancel < Back Close

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/T322X/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, Meitrack Manager will automatically detect the tracker port number and model and read all tracker parameters.



(If the tracker is connected successfully, ignore the following part.)

If no tracker is connected to the computer, run Meitrack Manager, select a tracker model from the drop-down list, and click **Go** to Main Form.



If you select **Auto Choose**, a specified page will be displayed for each tracker. Because Meitrack Manager integrates with 15 tracker models:

MT90G/MT90/T1/TC68S/MVT100/MVT340/MVT600/MVT800/T311/T322X/T333/MVT380/T355/T622/Trackids.

## **5** Functions

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

#### 5.1 Tracker Information

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

			-								- 0 X
Device	Tracking	GeoFence	Authorize	GPS Log	Peripheral					<b>(</b> n	N <b>eitrack</b> Manager
Device Info-											
IMEI	8653280	22075252		Rename							
Firmware	T622_V0	15		Battery Left			16%				Write
Quick Setting	all Ringtone	Engine Cher	k Move/Static	91a a a							
-Flash Data	© No Sleep	O Normal Sleep	ODeep	Sleep							Write
SMS GPRS		Clear Clear	0/256	Log data		Clear	0/65536	GPRS buffer space 50%	Total capacity (byte)	Log buffer space 50%	Write
Other Setting									4154304		
Log Interval	0	Seconds									
											Write
Auto Connect						Auto Upgrade					
	evice AutomaticIly e Connection	•			Save	©Yes, Iwo ●No, Idon	uld like to rece 't need it.	ive automatic upd	ates about new features.		Upgrade
	Refresh		Restore Facto	ry Settings		Export Settings		Load Sett	ings	Show Des	scription
[	0/0						Netwo	rk Status: Local	Current parameter tab	le: General Set	ttings   4.5.11.26

Parameter	Description	Applicable Model
IMEI	Indicates the tracker's IMEI number. It is a unique	All
	number for the GPS tracking system and cannot be	
	changed.	
Rename	Used to identify trackers, not for data transmission.	All
Firmware	Includes the firmware version, tracker model, and	All
	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.	
Battery Left	Indicates the remaining capacity of the internal battery	All
	and displayed by percentage.	
Switch to Meiligao	The MVT800 is compatible with the Meitrack and	MVT800
Protocol	Meiligao protocols (default protocol: Meitrack	
	protocol). To change the protocol, click Switch to	
	Meiligao Protocol.	
Light Off	Turn off GSM and GPS indicators of the tracker. After	All
	that, the tracker is easy to hide and tracker power	
	saves, but GSM and GPS running status cannot be	
	detected by the indicators.	

Disable GPRS	After the option is selected, you cannot press Volume -	MT90/MT90G
Button	to rapidly enable or disable the GPRS function. The	
	GPRS function is disabled by default.	
3D Shake Wake	After the option is selected, when the tracker is in	MT90/MT90G
Up	sleep mode, it can be woken up by 3D vibration.	
	Default: Not wakeup.	
Turn off Incoming	Turn off the rings of phone keys and incoming calls.	MVT600/T333/T1/MT90/MT90G
Ringtone	After that, when you press keys and there is an	MVT380/T622
	incoming call, no ring will remind you.	
Disable GPSLog	After the option is selected, you cannot press Volume	MT90/MT90G
Button	+ to rapidly enable or disable the GPS log function.	
Engine Check	This function is only available for trackers.	MVT100/MVT600
Move/Static	After the option is selected, if the tracker detects that	T1/MVT800
	the engine is stopped, the longitude and latitude will	TC68S/T311
	not be updated to avoid static drift.	T333/MVT380/MVT340/T622
RFID Control Out1	After the option is selected, input 1 can be controlled	MVT600/T1
	after the RFID card is swiped. Swiping the card is	Т333
	generally for starting the engine. For details about how	
	to set a control output, see the RFID user guide.	
Sleep Mode	Three modes: No Sleep, Normal Sleep, and Deep Sleep	All
	Normal Sleep: The GSM module always works, and the	
	GPS module occasionally enters the sleep mode (every	
	5 minutes).	
	Deep Sleep: The GPS module is stopped and the GSM	
	module enters the sleep mode 5 minutes after no	
	actions are triggered.	
Flash Data	The quantity of data recorded by the GPS recorder is	MVT100/MVT600
	displayed in the form of "Recorded data quantity/Total	T1/MVT800
	data capacity". You can click <b>Clear</b> to clear all recorded	TC68S/T311/MT90
	data. This releases storage space.	T333/MVT380/T622
GPRS	Indicates the quantity of GPRS data that is not sent	All
	successfully. Displayed in the form of "Cache	
	<i>quantity/Total data capacity</i> ". You can click <b>Clear</b> to	
	clear all caches. Cached data will be sent again when	
	the GSM signal recovers.	
SMS	Indicates the number of SMSs that are not sent	All
	successfully. Displayed in the form of "Cache	
	quantity/Total data capacity". You can click <b>Clear</b> to	
	clear all caches. Cached data will be sent again when	
	the GSM signal recovers.	
Buffer space	The storage percentage of GPRS cache will be showed.	T622
	You can allocate the storage space as required.	
Log Interval	Indicates the recording interval of the GPS recorder.	MVT100/MVT600



[		
	GPS data will be recorded at a specific interval once	T1/MVT800
	there is a GPS signal.	TC68S/T311/MT90
		T333/MVT380/MVT340/T622
Speedometer	GPS and speed sensor calculation	MVT800
	Default: GPS calculation	
Vehicle transfer	After the speed is calculated by using the speed	MVT800
coefficient	sensor, the tracker will automatically calibrate the	
	vehicle speed coefficient. You can also manually set	
	the coefficient.	
Input2 Trigger	Input 2 can be configured as a high or low level input.	MVT800
Mode	It is a low level input by default. Normal input.	
Input3 Trigger	Input 3 can be configured as a high or low level input.	MVT800
Mode	It is a low level input by default for vehicle door	
	detection.	
Auto Connect	There are the following two modes:	All
	• Check Device Automatically: After the driver is	
	installed correctly and the tracker is connected,	
	the computer will automatically detect the	
	corresponding port and the port will be	
	automatically used for Meitrack Manager.	
	<ul> <li>Set Device Connection: If the port cannot be</li> </ul>	
	automatically detected, manually select the port.	
Auto Upgrade	There are two upgrade methods:	All
	<ul> <li>Yes. I would like to receive automatic updates</li> </ul>	
	about new features: When the software starts,	
	the server will automatically compare the latest	
	version. If the latest version exists, the software	
	will be automatically upgraded. You are advised	
	to select this option and ensure that the network	
	is connected	
	<ul> <li>No. I don't need it: Select this option if</li> </ul>	
	customized software is used or you do not want	
	to ungrade software. Click <b>Lingrade</b> to manually	
	compare the software version with the server of	
	there is new software the software will be	
	ungraded	
Pofroch	Pood the latest parameters from the tracker to shock	A11
110110311	whether edited parameters are saved successfully	
Dectors Factory	Restore all tracker parameters to initial settings	
Sottings	nestore all tracker parameters to initial settings.	
Settings	Course all managements are a fittle store allow and fittle store	
Export Settings	save all parameters of the tracker as a file. The	All
	parameter configurations can be used for another	
	tracker.	

Load Settings	Read the parameter file saved before. If the file is read	All
	successfully, a dialog box asking whether to apply to	
	the current device is displayed. If yes, you had better	
	rename the device.	
Show Description	After you click Show Description, fonts of some	All
	functions will be in bold type. When you move your	
	mouse over the bold feature, the corresponding	
	description will be popped up. The description is	
	hidden by default.	
Write	Write values of the parameters in the column to the	All
	tracker. If you do not want to affect parameters in	
	other columns, click the button.	

### 5.2 Tracking

The following is the **Tracking** page for the TC68S:

					- o ×
Device Trac	king GeoFence Authorize	GPS Log			<b>c meitrack</b> Manager
-GPRS Tracking					
GPRS	Close     OTCP     OUD	P	Protocol		-
IP/Domain	<ul> <li>Port</li> </ul>				
Standby IP/Domain	Port				
APN	APN U	Jsername	APN Password		
GPRS Time Zone	0 C Minutes				
GPRS Time Interval	0 🗘 X10 seconds	GPRS Interval(ACC Off)	0 🗘 X10 ser	conds	
					Write
-SMS Tracking					
SMS Password		SMS Time Zone 0	Minutes		
SMS Track No.		SMS Report Interval 0	Minutes	Auto Report Times	-
Listen-in Phone No.					Write
Maintenance Notice					
Last Maintenance Mileage	e(KM) Last Maintenance Date	Maintenance Mileage Point(KM)			
	2016/ 5/11				
First Maintenance Mileage	e(KM) Maintenance Cycle(KM)	Maintenance Date	11 2016/ 5/11	▼ 2016/ 5/11 ▼	
			11 2010/ 5/11		
Maintenance Cycle(Month	1)	2010/ 5/11	2016/ 5/11	12010/ 5/11	
0 =					Write
0/0					4.5.8.27

Parameter	Description	Applicable Model
GPRS	Close: Disable the GPRS scheduled uploading function.	All
	TCP: It is a reliable connection mode. You are advised to select this	
	option.	
	UDP: It saves traffic but is not reliable.	
Protocol	Default value: Auto Event Report	All
	If you want to transmit other events, you must delete Auto Event	
	Report and use the UDP. For details, see the MEITRACK GPRS protocol.	
IP/Domain and Port	Set the active server IP address and port.	All



	You can set the IP address to 67.203.13.26 and port to 8800.	
Standby IP/Domain	Set the standby server IP address and port. When the active server	MVT100/MVT600
and <b>Port</b>	stops, the tracker automatically sends data to the standby server to	T1/MVT800
	prevent data loss. If no standby server exists, clear the two options.	TC68S/T311/MT90
		T333/MVT340/MVT380
		/T622
APN, APN Username,	Each parameter has a maximum of 32 bytes. If parameters <b>APN</b>	All
and APN Password	Username, and APN Password are empty, leave APN blank.	
	The APN of China Mobile is CMNET, and the APN of China Unicom is	
	UNINET. Their usernames and passwords are left blank.	
GPRS Time Zone	When <b>GPRS minute</b> is <b>0</b> , the time zone is <b>GMT 0</b> (default time zone).	All
	Please set the GPRS time zone to <b>0</b> when you use our tracking	
	platform.	
	When <b>GPRS minute</b> is a value ranging from -32768 to 32767, set time	
	zones.	
GPRS Mode	GPRS mode: ACC ON, ACC OFF, Local, and Roaming	All
	T1: indicates the data uploading interval which is not restricted by	
	engine status and roaming.	
	T2: indicates the data uploading interval when the engine stops or the	
	engine stops in Local mode.	
	T3: 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.	
	T4: indicates the data uploading interval when the engine stops in	
	Roaming mode.	
Mode 0	Mode 0 (T1): Parameter <b>T1</b> is the data uploading interval that is not	All
	restricted by any condition.	
Mode 1	Mode 1 (T1 + T2): Parameter <b>T1</b> is the data uploading interval when	MVT100/MVT600
	the engine starts. Parameter <b>T2</b> is the data uploading interval when	T1/MVT800
	the engine stops.	T333/MVT380
		T311
Mode 2	Mode 2 (T1 + T3): In Local mode, parameter T1 is the data uploading	All
	interval. In roaming mode, parameter <b>T3</b> is the data uploading	
	interval.	
Mode 3	Mode 3 (T1 + T3 + T4): In Local mode, parameter <b>T1</b> is the data	MVT100/MVT600
	uploading interval and the interval is not restricted by the engine	T1/MVT800
	status. In roaming mode, when the engine starts, parameter T3 is the	T333/MVT380/T311
	data uploading interval; when the engine stops, parameter <b>T4</b> is the	
	data uploading interval.	
Mode 4	Mode 4 (T1 + T2 + T3 + T4): In Local mode, when the engine starts,	MVT100/MVT600
	parameter T1 is the data uploading interval; when the engine stops,	T1/MVT800
	parameter <b>T2</b> is the data uploading interval. In Roaming mode, when	T333/MVT380
	the engine starts, parameter <b>T3</b> is the data uploading interval; when	T311



	the engine stops, parameter <b>T4</b> is the data uploading interval.	
SMS Password	Indicates the password used for sending an SMS command. Default	All
	value: 0000	
SMS Time Zone	The default tracker time zone is GMT 0. You can run a command to	All
	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 SMS minute 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> .	
SMS Tracking No.	SMS Tracking No.: indicates the phone number receiving scheduled	All
	SMSs.	
	SMS Report Interval: Report a location at an interval by SMS.	
	When the interval is ${f 0}$ (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.	
Listen-in Phone No.	When the authorized listen-in phone number is used to dial the	All
	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.	
Last Maintenance	Set the most recently maintenance mileage or date of the vehicle.	TC68S
Mileage (KM)/Last	If the vehicle has never been maintained, set the parameter to <b>0</b> and	
Maintenance Date	enter the date when you buy the vehicle.	
First Maintenance	Set the two parameters. When the driving mileage reaches the preset	TC68S
Mileage	limit, a maintenance warning is generated.	
(KM)/Maintenance		
Cycle (KM)		
Maintenance Cycle	Set the parameter. When the tracker running duration reaches the	TC68S
(Month)	preset limit, a maintenance warning is generated.	
Maintenance Mileage	Maintenance mileage point = Last maintenance mileage + Last	TC68S
Point	maintenance interval	
(KM)/Maintenance	There are eight mileage points in total.	
Date	Maintenance time point = Last maintenance date + Maintenance	
	interval	
	There are eight maintenance time points in total.	
Write	Write values of the parameters 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

Device Tracking GeoFence A	uthorize GPS Log	- = × <b>R</b> eitrack Manager
1 ☐ In Alarm Latitude 0 ☐ Out Alarm Longitude 0 ☐ Mapp Radius 0 ◆	2 In Alarm Latitude 0 Out Alarm Longitude 0 In Map Radius 0 +	
3 ∏in Alarm Latitude 0 Out Alarm Longitude 0 In Mapp Radius 0 ◆	4 ☐ In Alarm Latitude 0 Out Alarm Longitude 0 In Map Radius 0 ◆	
5 In Alarm Latitude 0 Out Alarm Longitude 0 In Map Radius 0 \$	6 ☐ In Alarm Latitude 0 ☐ Out Alarm Longitude 0 In Map Radius 0 €	
7 Din Alarm Latitude 0 Out Alarm Longitude 0 In Map Radius 0 •	8 In Alarm Latitude 0 Out Alarm Longitude 0 In Map Radius 0 🗘	
		Write
0/0		4.5.8.27 .;;

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

#### **5.4 Authorization**

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



#### MEITRACK Manager User Guide

														- ¤ ×
	Device Tracking	GeoFence Author	rize GPS Log	Peripheral								(	<b>n</b> 🕤	Neitrack Manager
	Event	SMS Header	Value							GPRS	Photo	Ou	itput	
				SMS	Call	SMS	Call	SMS	Call			1	2	
	SOS Pressed	SOS								$\checkmark$	<b>v</b>	<b>v</b>	¥	^
	Input 2 Active	Door Open								•				
	Input 3 Active	Ignition On								$\checkmark$				
	Input 1 Inactive	In1 Inactive								~				=
	Input 2 Inactive	Door Close								~				
	Input 3 Inactive	Ignition Off								$\checkmark$				
	Low Battery	Low Battery								~				
	Low External Battery	Low Ext-Battery	11.5 ¢V							~				
	Speeding	Speeding	0 🗘 km/h							~				
	Enter Geo-fence	Enter Fence								$\checkmark$				
	Exit Geo-fence	Exit Fence								~				
	External Battery On	Ext-Battery On								~				
	External Battery Cut	Ext-Battery Cut								~				
	Lose GPS Signal	Lose GPS Signal												
	GPS Signal Recovery	GPS Recoverv	1											~
1					ull							-	1.1.2	
												-	Write	
	0/0							Network 9	Status: Local	Current pa	arameter ta	ble: Ge	eneral Se	ttings 4.5.9.22 .:

Parameter Description **Applicable Model** Event The selected event report will be sent to the server through All GPRS. For details, see the MEITRACK GPRS Protocol and MEITRACK SMS Protocol. For details about event descriptions, see the following table. Value Indicates an event value. All For example, set the speeding event value to 50 km/h. When the driving speed exceeds the preset value, a speeding alarm is generated. Check box under GPRS Select check boxes as required. After that, if a selected event All occurs, a GPRS event report will be sent to the server. Note: You can select the first check box, that is, select all events. Check box under Photo Select check boxes as required. After that, if a selected event MVT600/T1/T3/T333/T622 occurs, a photo will be automatically taken. Note: You can select the first check box, that is, select all events. Write Write values of the parameters 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	An alarm is generated when input 1 is activated (or the SOS	All
Pressed)	button is pressed).	
Input 2 Active	An alarm is generated when input 2 is activated.	MVT100/MVT600
	SMS header:	T1/MVT800/T322X



	Ignition On: MVT100&T322X	T333/MVT380/MVT340/T622
	Door Open: MVT600&T1&MVT800&T622. Other trackers are not	
	defined.	
Input 3 Active	An alarm is generated when input 3 is activated.	MVT600/T1/
	SMS header:	MVT800/T322X
	Ignition On: MVT600&T1&T622	T333/MVT380/MVT340/T622
	Door Open: MVT800&T322X. Other trackers are not defined.	
Input 1 Inactive	An alarm is generated when input 1 is not activated (or the SOS	All
(SOS Released)	button is not pressed).	
Input 2 Inactive	An alarm is generated when input 2 is not activated.	MVT100/MVT600
•	SMS header:	T1/MVT800/T322X
	Ignition Off: MVT100&T322X	T333/MVT380/MVT340
	Door Close: MVT600&T1&MVT800&T622. Other trackers are not	, ,
	defined.	
Input 3 Inactive	An alarm is generated when input 3 is not activated.	MVT600/T1/
•	SMS header:	MVT800/T322X
	Ignition Off: MVT600&T1&T622	T333/MVT380/MVT340/T622
	Door Close: MVT800&T322X. Other trackers are not defined.	
Low Battery	An alarm is generated when the voltage of the internal battery is	All
,	lower than 3.5 V.	
Low External	An alarm is generated when the voltage of the external power	MVT100/MVT600
Battery	supply (vehicle battery) is lower than the preset value.	T1/MVT800
	You can change the preset voltage in the <b>Value</b> column.	TC68S/T311/T322X
		T333/MVT380/MVT340/T622
Speeding	An alarm is generated when the tracker speed exceeds the preset	All
1 0	value.	
	You can change the preset speeding value in the <b>Value</b> column.	
Enter Geo-fence	An alarm is generated when the tracker enters the preset	All
	geo-fence.	
Exit Geo-fence	An alarm is generated when the tracker exits the preset	All
	geo-fence.	
	You can change the geo-fence value in the <b>Value</b> column.	
External Battery	An alarm is generated when the vehicle battery connects to the	MVT100/MVT600
On	tracker	T1/MVT800/MVT340/MVT380
	Note: You can directly plug the TC68S into the vehicle without	TC68S/T311/T322X
	any cable.	T333/MVT380/T622
External Battery	An alarm is generated when the vehicle battery power is cut off	MVT100/MVT600
Cut	Note: You can plug out the TC68S from the vehicle	T1/MVT800
Cut		TC685/T311/T322X
		T333/MVT380/MVT3/0/T622
GPS Signal Loct	An alarm is generated when the tracker enters the GDS blind spot	
Gro Signal Lost	or no GPS signal is received	
GDS Signal	An alarm is generated when the tracker evite the CDS blind cost	
Gro Signal	An alarm is generated when the tracker exits the Gro billu spot	

Recovery	or a GPS signal is received.	
, Enter Sleep	An alarm is generated when the tracker enters the sleep mode.	All
Exit Sleep	An alarm is generated when the tracker is woken up from the	All
p	power-saving mode.	
	You can change the sleep mode in the <b>Value</b> column.	
GPS Antenna Cut	The external GPS antenna is not connected or is cut off.	MVT100/MVT600
		T1/MVT800/T311/T322X
		T333/MVT380/MVT340/T622
Device Reboot	An event report is sent when the tracker starts.	All
Heartbeat	Enable the heartbeat report function.	All
	You can change the heartbeat packet interval in the <b>Value</b>	
	column.	
Cornering	Enable the cornering report function. When the driving angle	All
	exceeds the preset value, a cornering report will be sent.	
	You can change the driving angle in the <b>Value</b> column.	
Track By Distance	Track by distance	All
Theorem by Distance	You can change the distance in the <b>Value</b> column.	
Reply Current	When the tracker receives a call or an SMS from the authorized	
(Passive)	phone number the current location will be responded	
Tow	When the tracker enters the deen sleen mode, if the vibration	
1000	duration exceeds the preset value a towing alarm is generated	
	You can change the vibration duration in the Value column	
REID	Connect the tracker to the REID reader to obtain the REID	MVT600/T1
	(Related REID events will be received when the T622 is connected	T333/T622
	to iButton )	1333/1022
Temperature High	An alarm is generated when the temperature of the temperature	MVT600/T1
remperature mgn	sensor is higher than the preset upper limit	T333
Temperature Low	An alarm is generated when the temperature of the temperature	MVT600/T1
remperature Low	sensor is lower than the preset lower limit	T333
Full Fuel	An alarm is generated when the fuel of the fuel level sensor	MVT600/T1
	exceeds the preset upper limit	T333/T622
Low Fuel	An alarm is generated when the fuel of the fuel level sensor is	MVT600/T1
Low Fuel	less than the preset lower limit	T333/T622
Fuel Theft	By default, when the fuel level reduces by over 2% within 3	T622
	minutes a fuel theft alarm will be generated	1022
Armed	An event report is sent when the arming mode is successfully set	MVT800/TC685
Annea	for the tracker	T311/T322X
Disarmed	An event report is sent when the disarming mode is successfully	MVT800/TC685
Disarrica	set for the tracker	T311/T322X
Vehicle Theft	In arming mode, if the input is activated, it means that the	MVT800/T311
	vehicle is stolen. In this way, an alarm is generated	TC685/T322X
Stop Moving	After this ontion is selected and the terminal enters the static	MTQ0/MV/T600/T1/T222/
	state an event report will be generated	
	state, an event report will be generated.	



Start Moving	After this option is selected and the terminal enters the moving	MT90/MVT600/T1/T333/T622
	state, an event report will be generated.	
GSM Jamming	After this option is selected and the terminal detects jamming, an	MVT100/MVT600/T1/T333
	event report will be generated.	
Reject Incoming	If the option is selected, when the tracker receives a call from the	All
Call	authorized phone number, the call will be rejected automatically.	
Auto Answer	If the option is selected, when the tracker receives a call from the	All
Incoming Call	authorized phone number, the call will be answered	
	automatically.	
Fall	After this option is selected and a Man Down alarm is generated,	MT90
	an event report will be generated.	
No GSM Jamming	After this option is selected and the terminal detects that no	MVT100/MVT600/T1/T333
	jamming occurs, an event report will be generated.	
Fatigue Driving	Enable the fatigue driving function. When the fatigue driving	TC68S
	duration exceeds the preset value, an event report is sent.	
	You can change the fatigue driving duration in the <b>Value</b> column.	
Enough Rest after	Enable the fatigue driving rest function. When the fatigue driving	TC68S
Fatigue Driving	rest duration exceeds the preset value, an event report is sent.	
	You can change the fatigue driving rest duration in the Value	
	column.	
Speed Recovery	If the option is selected, when the vehicle speed recovers to the	TC68S
	normal speed, an event report is sent.	
Maintenance	If the option is selected, when the driving mileage or time	TC68S
Notice	reaches the preset value, an event report is sent.	
Ignition On	If the option is selected, when the tracker detects that the	TC68S
	vehicle starts, an event report is sent.	
Ignition Off	If the option is selected, when the tracker detects that the	TC68S
	vehicle stops, an event report is sent.	
Harsh Acceleration	The alarm helps analyze drivers' driving behaviors. The alarm	Т622
	value is a positive number. If the function is enabled, an alarm	
	will be generated when the driving speed reaches the value set.	
Harsh Braking	The alarm helps analyze drivers' driving behaviors. The alarm	T622
	value is a negative number. If the function is enabled, an alarm	
	will be generated when the driving speed reaches the value set.	

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

#### 5.5 GPS Log

	~ ~ ~		_					- • ×
Device	Tracking GeoFen	ce Autho	rize GPS	Log				<b>Reitrack</b> Manager
	Search		▼ Data	▼ From	2016-04-12 0	0:00:00 🛨 To 💈	2016-05-13 00:00:00 🛨	2 9 🗷 🔜
Last Page 1 /	1 Next Page							Search
GPS Time	IMEI	Latitude	Longitude	Speed	Altitude(m)	Event	Distance(km)	
2016-05-11 12:04:12	863158020724565	22.513598	114.057203	0.00	37	Distance Track	0.041	
2016-05-11 12:04:11	863158020724565	22.513598	114.057203		37	Time Interval T	0.041	
2016-05-11 12:04:10	863158020724565	22.513596	114.057203	0.00	37	Time Interval T	0.041	
2016-05-11 12:04:09	863158020724565	22.513596	114.057203		37	Time Interval T	0.041	
2016-05-11 12:04:08	863158020724565	22.513596	114.057203	0.00	37	Time Interval T	0.041	
2016-05-11 12:04:07	863158020724565	22.513596	114.057203			Time Interval T	0.041	
2016-05-11 12:04:06	863158020724565	22.513596	114.057203	0.00	38	Time Interval T	0.041	
2016-05-11 12:04:05	863158020724565	22.513596	114.057201		38	Time Interval T	0.041	
2016-05-11 12:04:04	863158020724565	22.513596	114.057201	0.00	38	Time Interval T	0.041	
2016-05-11 12:04:03	863158020724565	22.513596	114.057201			Time Interval T	0.041	
2016-05-11 12:04:02	863158020724565	22.513595	114.057200	0.00	38	Time Interval T	0.041	
2016-05-11 12:04:01	863158020724565	22.513595	114.057200		39	Time Interval T	0.041	
Total 4081	Total D	istance(km)	0.004	Tota	Time 01:08	3:48 Ave	erage Speed(km/h) 0.0	
GPS Time	IMEL	Latituda	Longitudo	Second	Altitude(m)	Event	Distance(km)	
2016-05-11 12:04:12	863158020724565	22 513598	114 057203	0.00	37	Distance Track	0.041	
2010/00/11/12:04:12	000100020724000	22.070000	1111007200	0.00		Biolanec Huck		-
Max Altitude								
GPS Time	IMEI	Latitude	Longitude	Speed	Altitude(m)	Event	Distance(km)	
2016-05-11 10:58:28	863158020724565	22.513605	114.057223	0.00	67	Time Interval T	0.040	
0/0	Synchronizing parame	ters complete	d					4.5.9.22

0/0 Synchronizing parameters completed.

ltem	Description	Applicable Model
Reading data		All
	Click to read data from the tracker to the software. The data will	
	be automatically backed up to the software database.	
Search	Select a tracker you want to search. If the tracker is renamed, its new	All
	name will be displayed. If the tracker is not renamed, its IMEI number	
	is displayed.	
Data/Route	Select Data or Route.	All
	Data: Display locations.	
	The following information will be displayed: GPS Time, IMEI, Latitude,	
	Longitude, Speed, Altitude(m), Event, and Distance(km). Double-click	
	a piece of data, the current location will be displayed.	
	The following information can also be displayed: Total, Total	
	Distance(km), Total Time, Average Speed(km/h), Max Speed, and	
	Max Altitude.	
	Route: Display data phase by phase. Device on/start run as a start	
	point, and device off/stop run as an end point.	
	The following information will be displayed: IMEI, Start Time, End	
	Time, History, Mileage (km), and Average Speed (km/h). Double-click	
	a route, the current route will be displayed in the Map window.	
Time	Select the start time and end time, and click 🔲 on the right. The	All
	results will be displayed.	
Export to KML	Export data to a KML file. The file can be opened by Google Earth.	All

Copyright © 2016 Meitrack Group All rights reserved.



Export to Excel	Export data to an xls file. The file can be opened by Excel.	All
Export to CSV	Export data to a csv file. The file can be imported to the database and	All
	be opened by third-party software.	

### 5.6 Peripheral

The function is only available for the T622. The following is the **Peripheral** page for the T622.

	- 0
Device Tracking GeoFence Authorize C	GPS Log Parigheral
-Roaming Parameter Table	- Parinheral
Enabled Roaming Parameter Table	
	RS232/485 Garmin navigation V Setting Baud rate 99600 V
Select parameter table Roaming setting Virite	RS232 EXT CAMERA   Setting Baud rate  I15200  Write
-Fuel sensor-	GPS data filtering
Fuel sensor type AD fuel sensor	Enable GPS data filtering (If all conditions below are met, GPS data will be updated.)
LLS fuel sensor full fuel 0	GPS speed range 10 ♀ To 200 ♀ km/h
LLS fuel sensor low fuel	GPS positioning accuracy < 5.0 + *10
Write	Number of GPS satellites > 3 \$
Output 1	Output 2
Trigger time 100 C *10ms Duty cycle 50	% Trigger time 200      C *10ms Duty cycle 80      %
Trigger mode Low level  PWM period 5000	trigger mode     Low level     PWM period     6000     € us
Input Trigger Mode Port2  Positive	Write
-Accelerate and decelerate alarm	
Accelerate alarm value 100 mG Accelerate alarm durat	
Decelerate alarm value	
	Write
0/4	Network Status: Local   Current parameter table: Roaming setting   4.6.

Item	Description	Parameter Settings
Roaming parameter	After you select Enabled Roaming Parameter Table, the	General setting: non-roaming
table	roaming parameters will take effect when the tracker enters	parameters
	the roaming mode.	Roaming setting: roaming
		parameters
Peripheral	The tracker can connect peripherals supporting RS232 ports	Set the baud rate:
	by default. If you want to use peripherals supporting RS485	Camera: 115200
	ports, we can provide the custom-made service for you.	Garmin navigator: 9600
	Peripherals supporting RS232 ports include cameras, Garmin	LLS sensor: 19200
	navigators, LLS sensors, LED displays, and RFID.	LED display: 115200
		RFID: 19200
Fuel sensor	AD fuel level sensors and LLS sensors are supported.	Set the fuel level sensor:
		AD fuel level sensor: no
		parameters
		LLS sensor: Its parameters
		include LLS fuel sensor full fuel
		and LLS fuel sensor low fuel.
GPS data filtering	After you select Enable GPS data filtering, if all conditions of	Set the GPS speed, GPS



	the GPS speed, GPS positioning accuracy, and number of	positioning accuracy, and
	GPS satellites are met, GPS data will be updated. The GPS	number of GPS satellites.
	data filtering function can eliminate static drift.	
	You can set the GPS speed, GPS positioning accuracy, and	
	number of GPS satellites to enable the GPS data filtering	
	function.	
Output port	The T622 has two output ports: output 1 and output 2.	Unit of output time: 10 ms
	When some alarm events are generated, output ports can	Duty cycle range: 0%–100%
	trigger the high level, low level, or PWM wave.	Unit of PWM period: µs
	Triggering mode: high level, low level, and PWM.	
Input trigger mode	You can select port 1 or port 2.	None
	Triggering mode: positive input and negative input	

If you have any questions, do not hesitate to email us at info@meitrack.com.