

MEITRACK MD600

User Guide and Function Explanation



Change History

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Document Update Record

Version	Date	Modifications
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Contents

1 Step by step quick setup - 4 -

 1.1 Installation of the device - 4 -

 1.2 Configure the device..... - 7 -

 1.3 Login platform - 8 -

1 Step by step quick setup

Quickly install and use the device by following 9 steps:

- 1) Insert the SD card lock key to unlock the SD card lock.
- 2) Insert the SIM card into the SIM card slot.
- 3) Install SD card and hard disk.
- 4) Connect the camera, display, walkie-talkie controller, GSM antenna, WIFI antenna, and GPS antenna.
- 5) Connect the power supply and ACC (ACC must be connected to the positive pole of the power supply, otherwise the MDVR cannot be turned on)
- 6) Set the IP and PORT of the connecting platform.
- 7) Set the data transmission network
- 8) Set the login user name and password
- 9) Login to the platform for video monitoring, searching and calling.

1.1 Installation of the device

- 1) Insert the SD card lock key to open the SD card lock



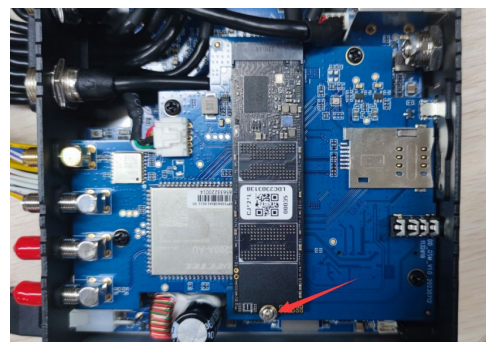
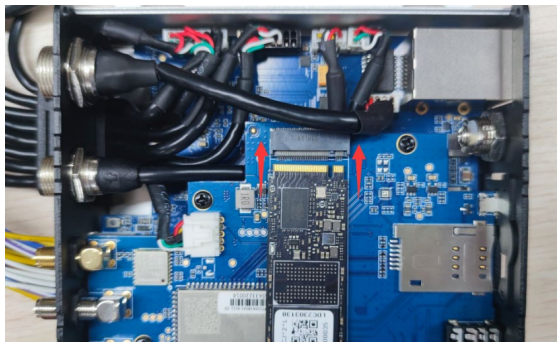
- 2) Install the SIM card with the SD card and lock the SD card lock back in place (Note: After covering the card cover, you need to lock it with a key to ensure that the video function is activated properly)



3) Install the SIM card with the SD card and lock the SD card lock back in place (Note: After covering the card cover, you need to lock it with a key to ensure that the video function is activated properly)



Insert the drive tightly into the slot, then secure the drive with the screws, and finally reattach the case.



4) Connect the 6-channel camera, display, GPS antenna, GSM antenna, WIFI antenna, and power cable.



Power cord connect to PWR

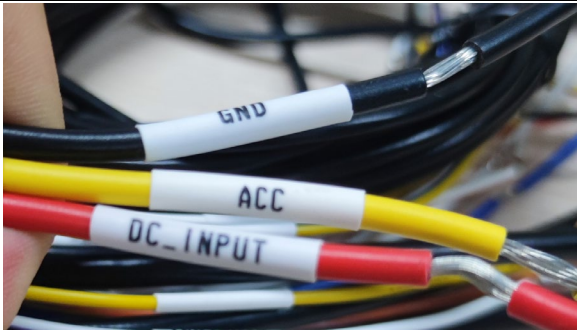
Camera 1~6 connect to AV IN1~IN6

Display connect to AV-OUT/VGA

Walkie-talkie handle connect to MIC&SPK

Connect WIFI antenna (otherwise, WIFI cannot be used normally), GPS antenna, 3G/4G antenna.

5) Power up the device and connect the ACC (Note: During the test, the video recording function will only be enabled if the ACC is connected to the positive side of the power supply and the SD card cover is closed):



6) After power supply, the initialized MDVR automatically records video, and the display will automatically turn on and play the real-time video:



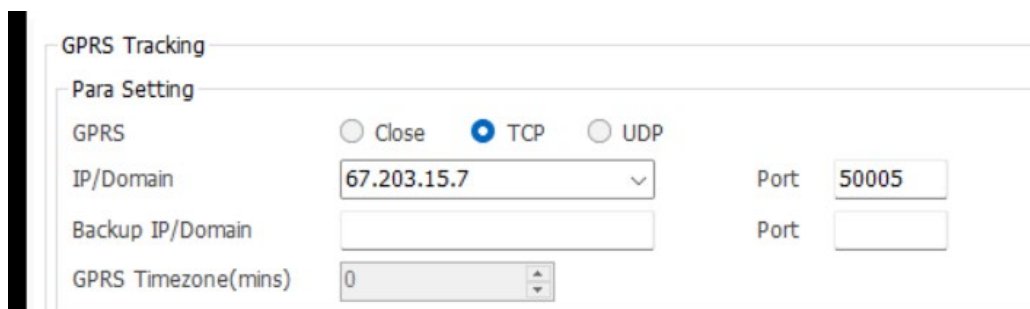
1.2 Configure the device

After installing the device, need to connect the configuration device to make it connect to the network and the platform server. There are three ways to configure the device: connect USB to the computer for software configuration, send SMS for configuration, and connect to the platform for remote configuration. Here, I will introduce how to realize quick configuration with the software Meitrack Manager.



First of all, you have to install the software Meitrack Manager (you can download it from the official website www.meitrack.com). After installation, connect the type C cable to the PC, then you can configure the following steps:

1) Configure the IP and PORT for uploading data to the server:

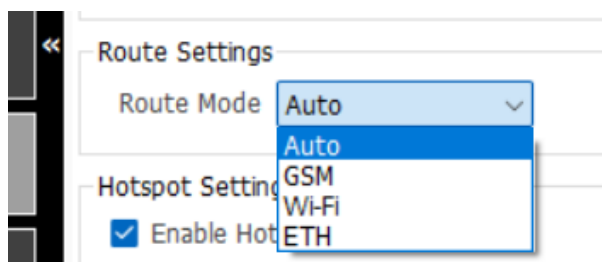


Use SMS text message for setup:

Configure data upload IP and PORT to send SMS commands: 0000,A21,1,67.203.15.7,50005,APN(such as internet),APN_USER,APN_PASSWORD

2) Set up the network connection:

There are three ways to network the device: mobile network (3G/4G), WIFI network, and Ethernet. The priority of the networking methods is Ethernet > WIFI network > mobile network, which means that in automatic mode, if the device is connected to Ethernet, the WIFI connection and mobile network connection will be closed.



Configure the mobile network: Fill in the APN, APN user name, APN password information, tap "SET" to save.

PPPoE Settings

APN

User Name

Password

Configure WiFi network:

As shown below, enter the WIFI SSID and corresponding password, click "SET" to connect to the WIFI network, and click "REFRESH" to search for nearby WIFI list for networking.

WiFi List Settings

WiFi Mode: Auto

SSID:

Key: Add

My WiFi:

Meitrack_5G

Delete

Nearby WiFi List: Refresh

Configure the Ethernet network:

Fill in the network IP, subnet, gateway, preferred DNS server, alternate DNS server

Ethernet Settings

IP Address:

Subnet Mask:

Default Gateway:

Preferred DNS Server:

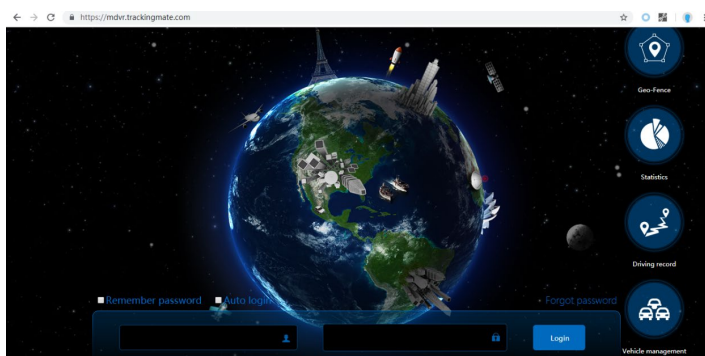
Alternate DNS Server:

3) Make sure the SD card is installed correctly, when using the MDVR device for the first time, the system will initialize the SD card automatically when it detects the wrong format. Make sure the SD card has been initialized, if it shows "No Error", it means the initialization is complete.

Driver Info								
Disk	Driver Type	Current Disk	Free Space(MB)	Capacity(MB)	Free Space(%)	Error Flag	Driver Serial Number	Format Hard Disk
Disk1	Read-write	☒	60386	60391	99.99%	No error	3	Format
Disk2	Read-write	☐	0	0	0.00%	No drive	0	Format

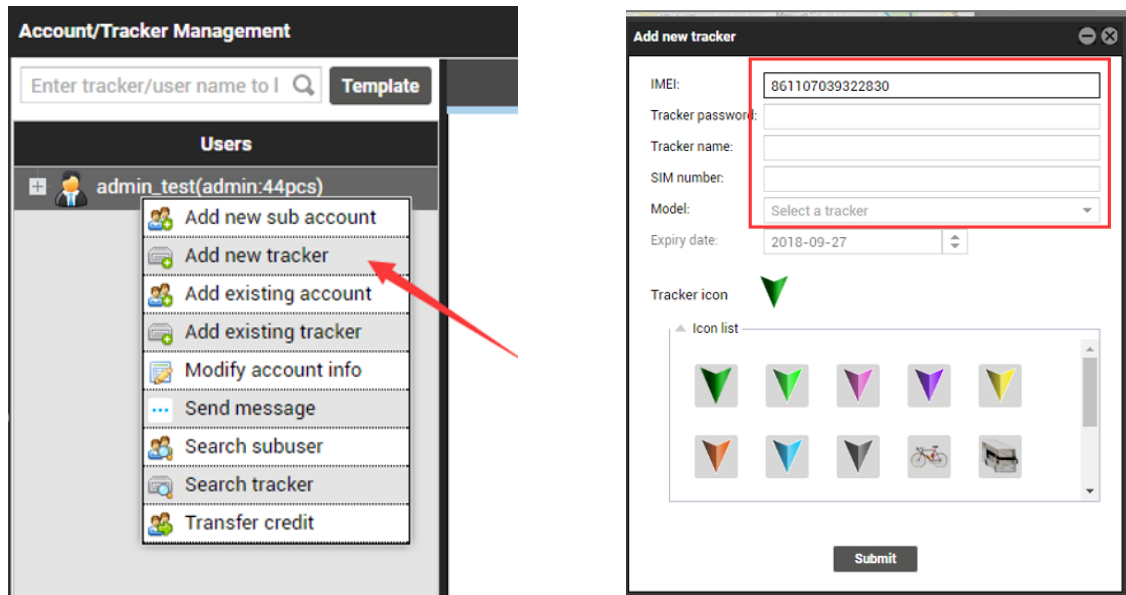
1.3 Login platform

Login <https://mdvr.trackingmate.com/> website, enter the appropriate account password



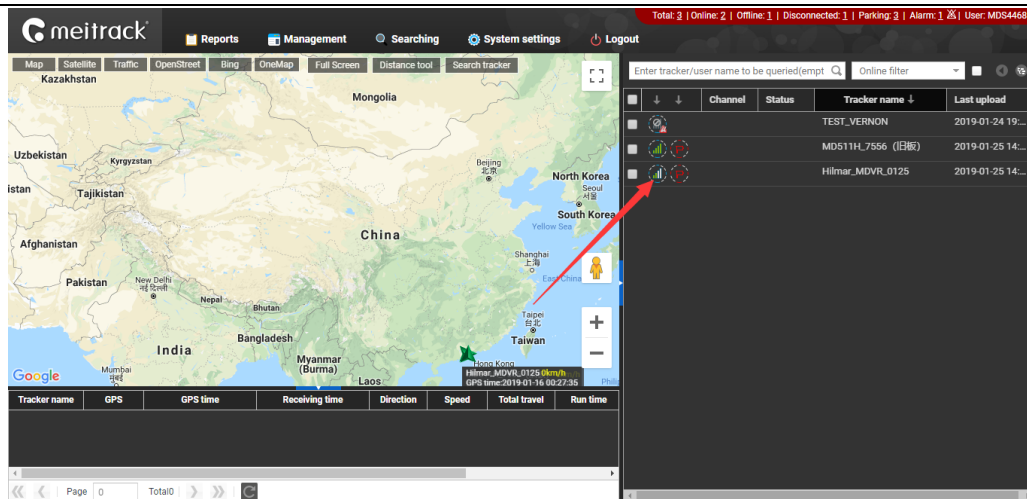
Add Device:

Open "Management Center", "Account/Tracker Management", right-click the account icon, click "Add new tracker", fill in the relevant information, the IMEI here must be the same as that of the device itself. The IMEI here must be consistent with that of the device itself, otherwise the platform cannot recognize it. Modify the expiration time, and click "Submit", it will consume the corresponding number of station years:



Check if the device is online:

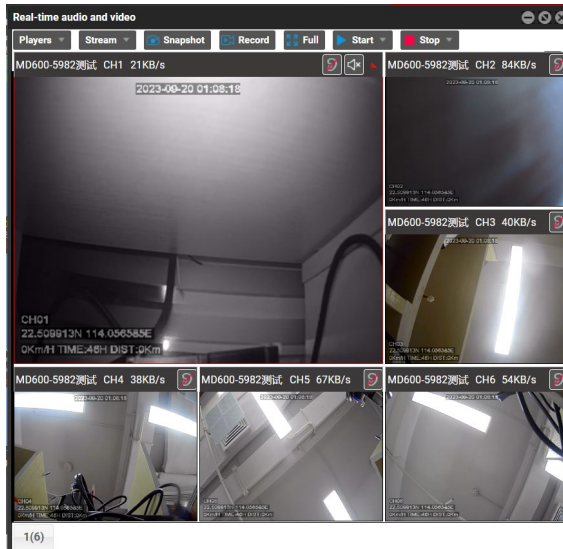
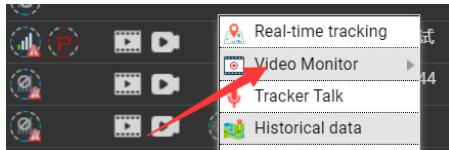
If the "signal icon" with a green grid appears, it means that the device has been successfully online:



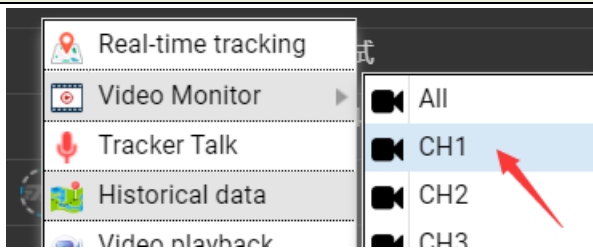
Monitor:

Click the Live Stream icon  Or right-click on the device and click "Video

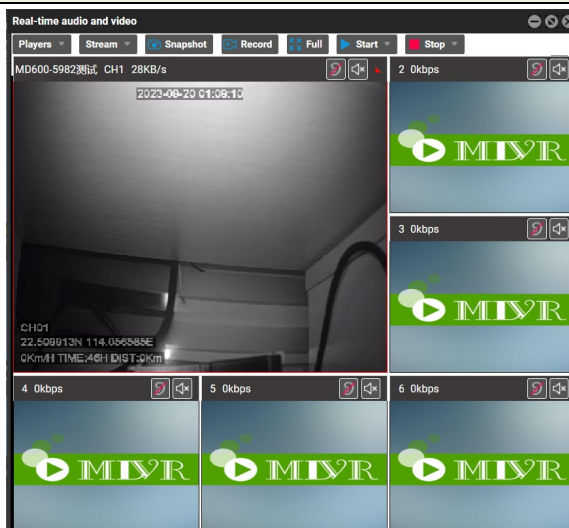
Monitor"  , to monitor all channels.



If you click the single-channel camera, such as CH1

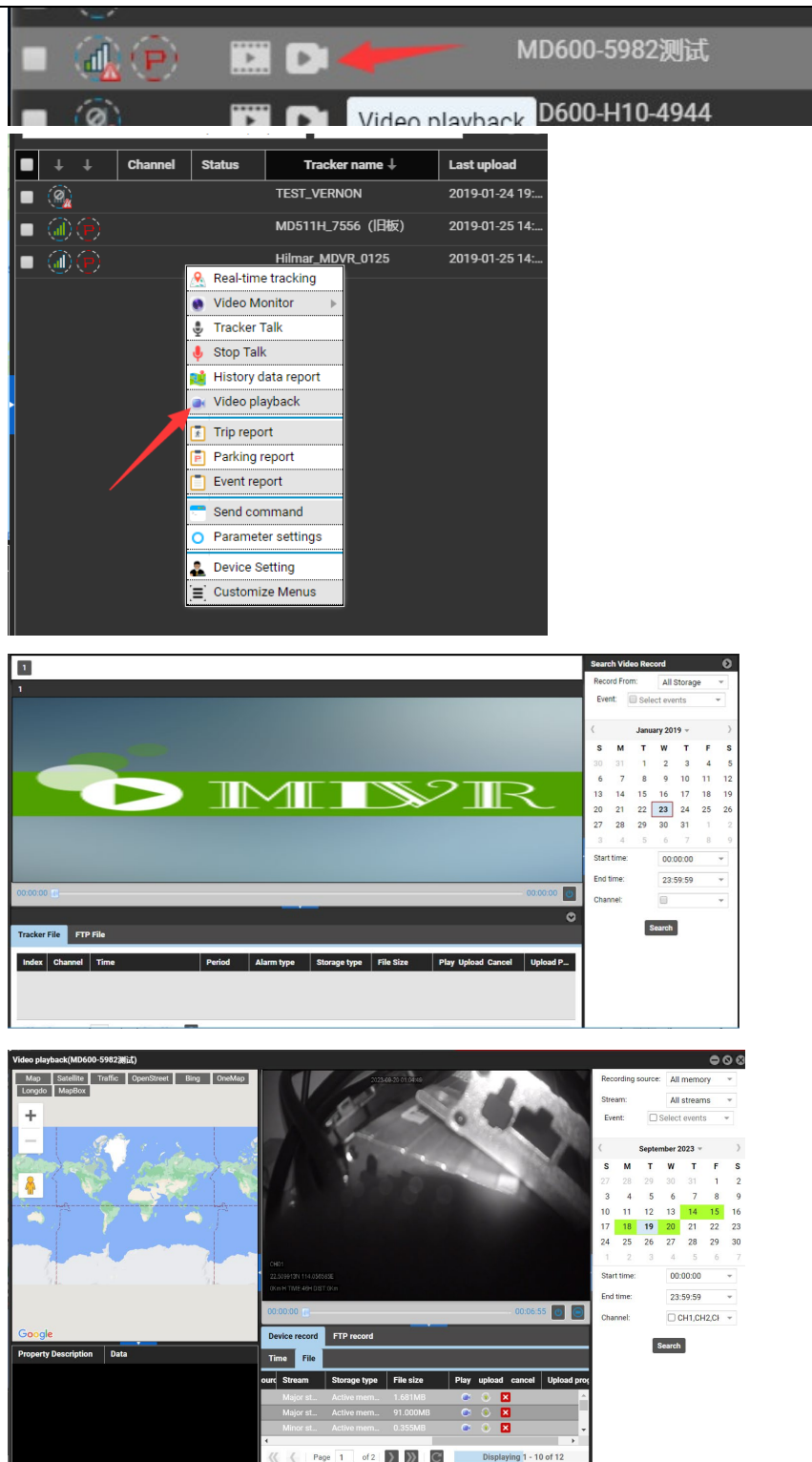


Then it can only play the corresponding channel camera:



Video Playback Search:

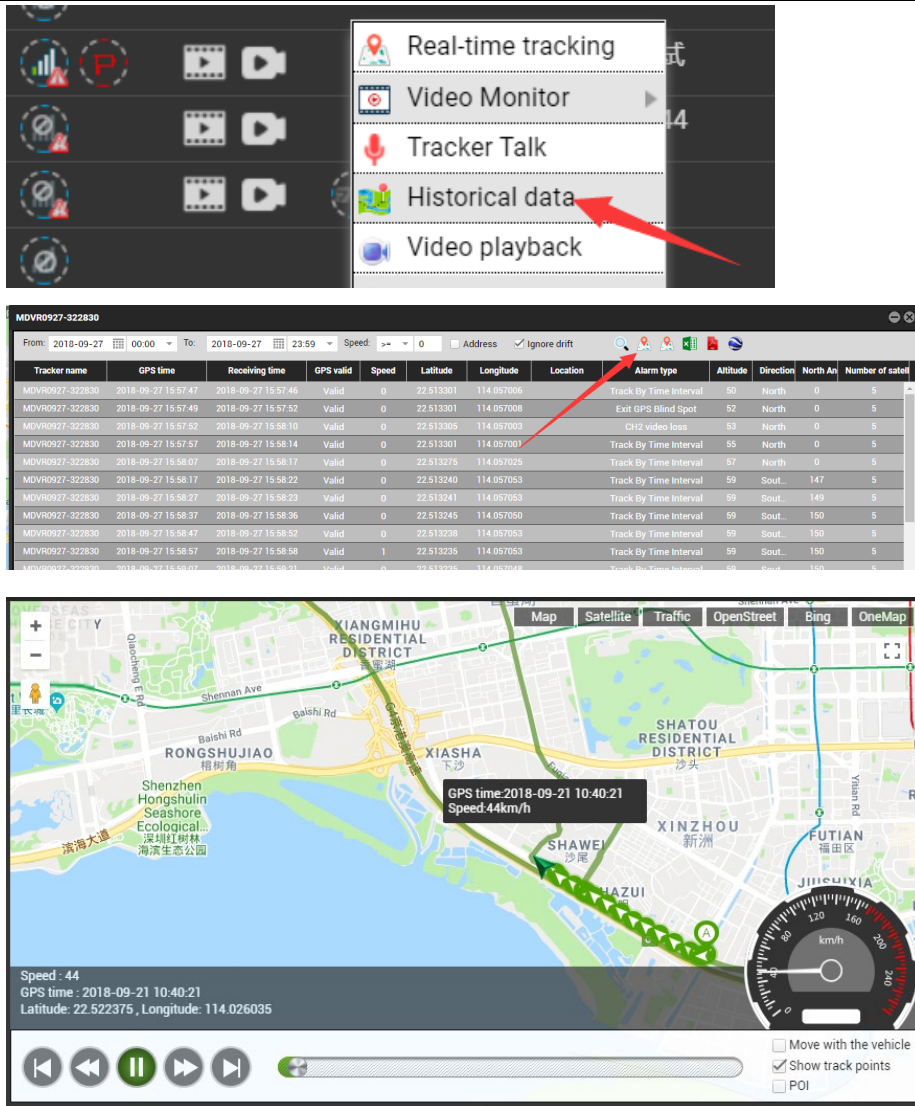
Click the playback icon or right-click "Video Playback", select the corresponding camera channel, select the corresponding time period, then you can playback the video.



In the above picture, the button under Play represents playing the current video, The button under Upload represents playing the video and uploading the video to the FTP server.

History positioning data query:

Right-click device to click "Historical Data ", click "Map" button, you can view the movement track.



The screenshot displays the Meitrack MD600 interface. The top menu bar includes options like 'Real-time tracking', 'Video Monitor', 'Tracker Talk', 'Historical data', and 'Video playback'. A red arrow points to the 'Historical data' option. Below the menu, a table lists tracking data for device MDVR0927-322830. The table columns include Tracker name, GPS time, Receiving time, GPS valid, Speed, Latitude, Longitude, Location, Alarm type, Altitude, Direction, North Az, and Number of satellite. The bottom section shows a map view of the vehicle's movement track, with a speedometer and various map controls.

Tracker name	GPS time	Receiving time	GPS valid	Speed	Latitude	Longitude	Location	Alarm type	Altitude	Direction	North Az	Number of satellite
MDVR0927-322830	2018-09-27 15:57:47	2018-09-27 15:57:46	Valid	0	22.513301	114.057006		Track By Time Interval	50	North	0	5
MDVR0927-322830	2018-09-27 15:57:49	2018-09-27 15:57:52	Valid	0	22.513301	114.057008		Exit GPS Blind Spot	52	North	0	5
MDVR0927-322830	2018-09-27 15:57:52	2018-09-27 15:58:10	Valid	0	22.513305	114.057003		CH2 video loss	53	North	0	5
MDVR0927-322830	2018-09-27 15:57:57	2018-09-27 15:58:14	Valid	0	22.513301	114.057001		Track By Time Interval	55	North	0	5
MDVR0927-322830	2018-09-27 15:58:07	2018-09-27 15:58:17	Valid	0	22.513275	114.057025		Track By Time Interval	57	North	0	5
MDVR0927-322830	2018-09-27 15:58:17	2018-09-27 15:58:22	Valid	0	22.513240	114.057053		Track By Time Interval	59	Sout.	147	5
MDVR0927-322830	2018-09-27 15:58:27	2018-09-27 15:58:23	Valid	0	22.513241	114.057053		Track By Time Interval	59	Sout.	149	5
MDVR0927-322830	2018-09-27 15:58:37	2018-09-27 15:58:36	Valid	0	22.513245	114.057050		Track By Time Interval	59	Sout.	150	5
MDVR0927-322830	2018-09-27 15:58:47	2018-09-27 15:58:52	Valid	0	22.513238	114.057053		Track By Time Interval	59	Sout.	150	5
MDVR0927-322830	2018-09-27 15:58:57	2018-09-27 15:58:58	Valid	1	22.513235	114.057053		Track By Time Interval	59	Sout.	150	5
MDVR0927-322830	2018-09-27 15:59:07	2018-09-27 15:59:21	Valid	0	22.513235	114.057048		Track By Time Interval	59	Sout.	150	5

Map view details: GPS time: 2018-09-21 10:40:21, Speed: 44km/h, Latitude: 22.522375, Longitude: 114.026035. Map controls include Move with the vehicle, Show track points, and POI.

If you have any other questions, please email us at: info@meitrack.com, and we will be happy to assist you.