



MOB Vehicle Service System Platform

Web User Manual

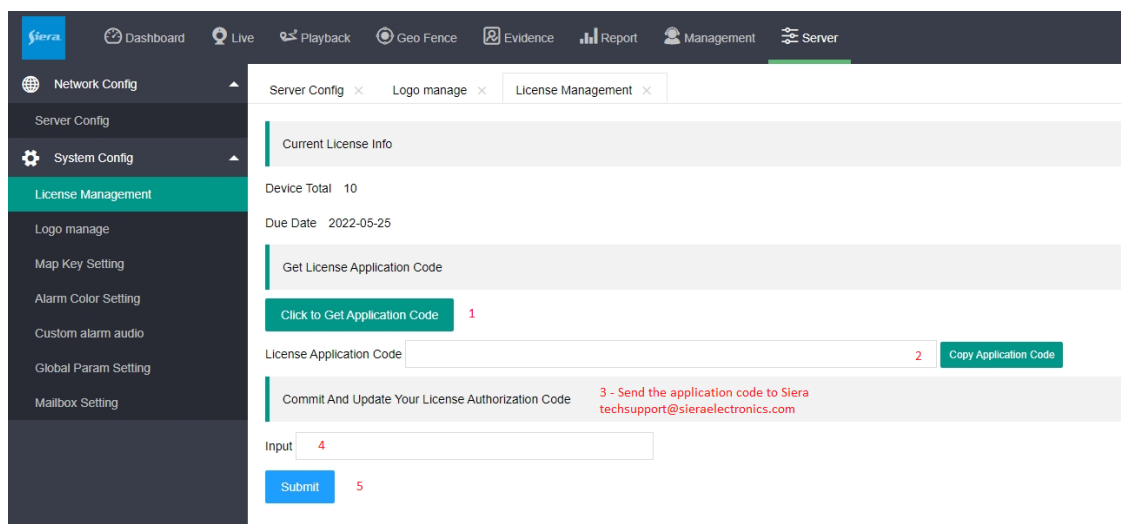
Version: 1.6

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1. Login and Register License

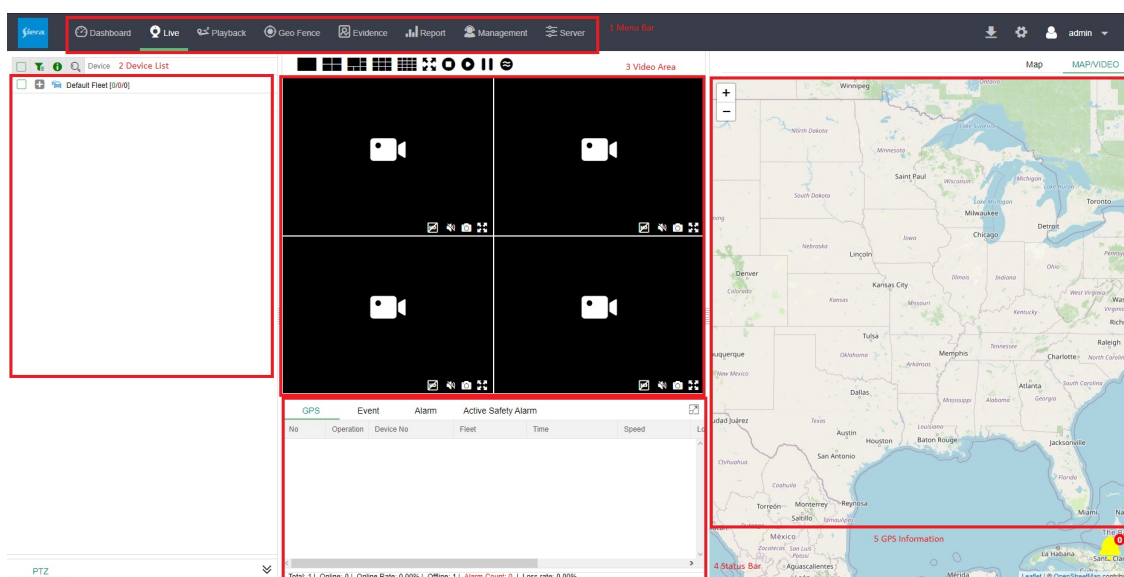
- (1) The URL is http://IP_address:9966;
- (2) If it is a newly installed service, authorization is required for the first login, regarding how to acquire authorization, please check the below picture.
- (3) For testing period, you can add 10 MDVR on it and the valid period is 3 month as default.



For more license

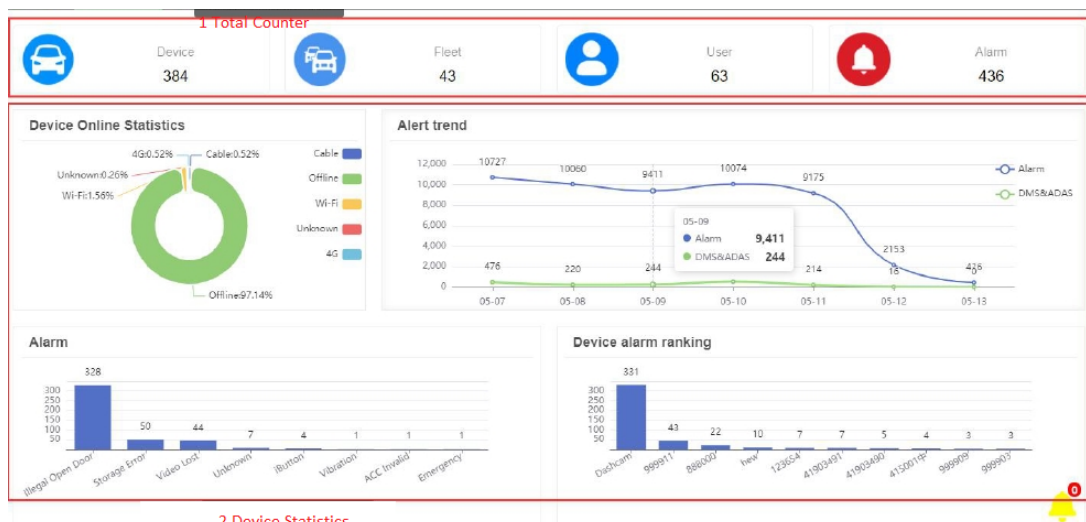
1. Click “[Click to Get Application Code](#)”
2. It will generate the **Signature code**. Copy it and sent to us, and also the quantity of devices that you have to connect to the server.
3. We will send the License code, input it and Submit it.

2. Functions introduction



2.1 Dashboard

The Dashboard page contains total counter and vehicle statistics.

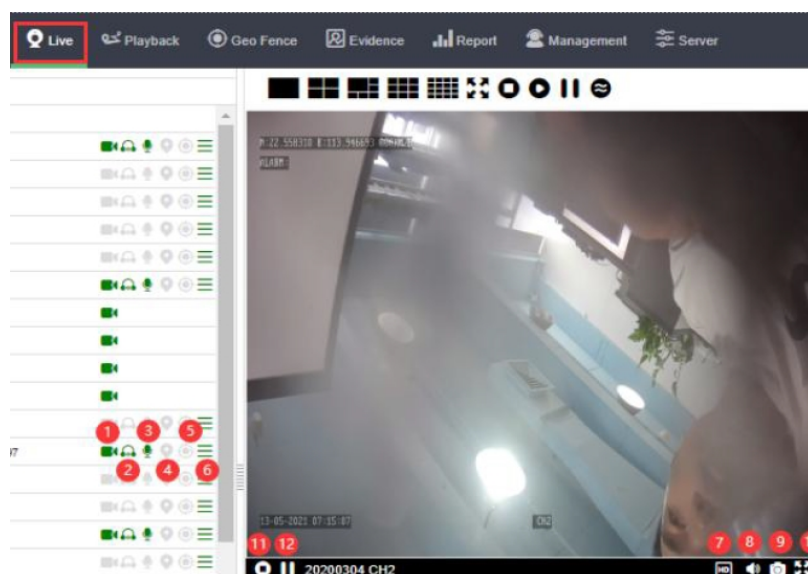


Total Counter: It shows the total number of vehicles, fleets, users have been added on the server and the number of alarms have been triggered as so far.

Vehicle Statistics: Each diagram shows one of the statistical analysis results representing as charts, including vehicle online statistics, Alert trend, Alarm statistics by classifications and vehicle alarm ranking.

2.2 Live video

On this page you can see vehicle status, GPS information, view real-time video, etc.



1 Play: Start video streaming

2 Listen: Monitor (Audio) / Listen in

- 3 **Intercom**: Launch 2-way audio communication with driver
- 4 **Locate**: Lock position of vehicle
- 5 **Geo fence**: View all bound GEO fences of vehicle
- 6 **More**: Display general information of vehicle
- 7 **Sub or main stream**: view video by sub stream or main stream, main stream will cost more data but more clear
- 8 **Sound**: Turn On/Off audio.
- 9 **Screenshot**: Take a snapshot.
- 10 **Full screen**
- 11 **Stop**: Stop video streaming
- 12 **Pause**: Pause video streaming


2.2.1 Tool Bar



View mode for option. The details are as follows:




1,4,5,9,16 ,36 windows mode.

 : Full screen

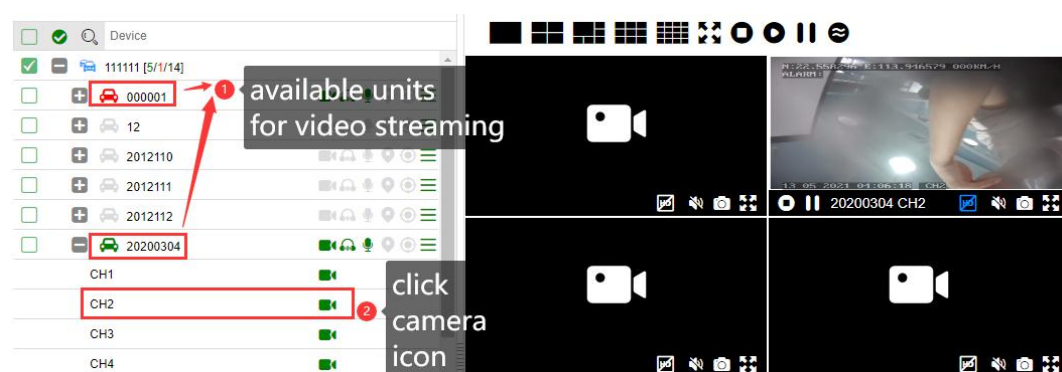
 : Stop video streaming of all channels

 : Start video streaming of all channels

 : Pause video streaming of all channels

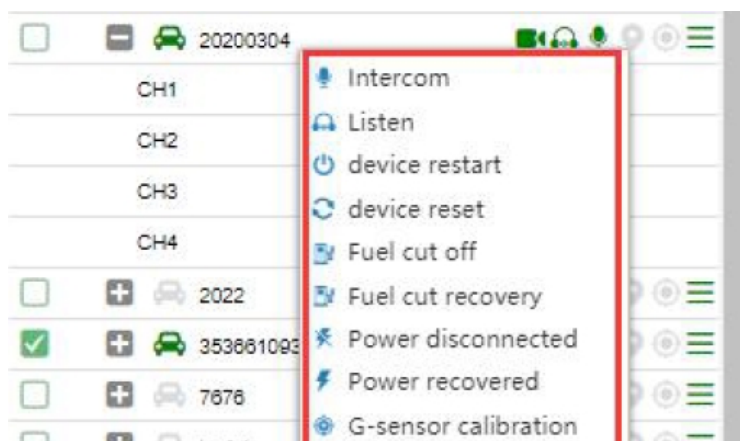
 : Select smooth first or playing real-time, the real-time one will require more internet bandwidth.

Double-click on the online (green or red icon) vehicle or channel to view the video.



2.2.2 Function menu

Right click the online vehicle. There will be a pop-up menu list.



Intercom: Launch a 2-way audio to drivers with intercom from platform.

Listen: Monitor drivers (Need camera built-in microphone)

vehicle restart: Remote reboot the device.

vehicle reset: Recover parameters back to factory settings

Fuel cut off: Cut off fuel pump or engine line remotely (Turn on output1)

Fuel cut recovery: Recover fuel pump or engine wire remotely (Turn off output1)

Power disconnected: Cut off engine wire (Turn on output2)

Power recovered: Recover engine wire (Turn off output2)

G-sensor calibration: Calibrate the G-sensor of the vehicle remotely

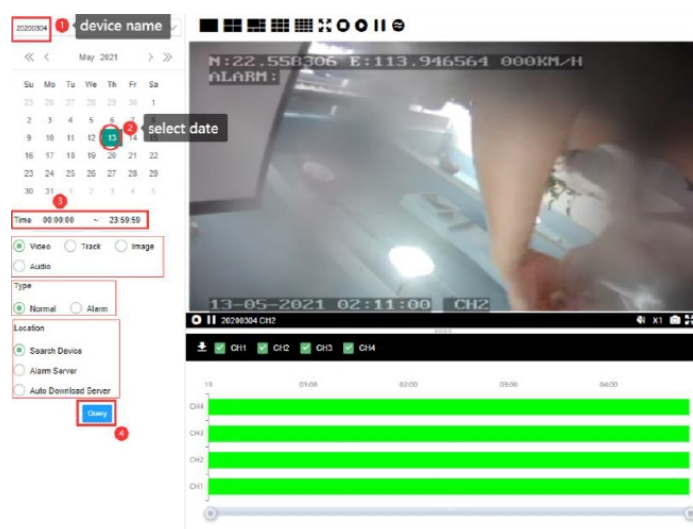
2.2.3 Status Bar

20200304 CH2				
GPS Event Alarm Active Safety Alarm				
No	Device No	Fleet	Time	Event Type
77	000001	111111	2021-05-13 13:32:45	Offline
76	888888	Default Fleet	2021-05-13 13:36:59	Offline
75	888888	Default Fleet	2021-05-13 13:36:59	Online
74	41903491	Default Fleet	2021-05-13 05:36:56	Online
73	41903491	Default Fleet	2021-05-13 02:07:11	Offline
72	000001	111111	2021-05-13 13:32:45	Online
Total: 384 Online: 14 Online Rate: 3.65% Offline: 370 Alarm Count: 818 Loss rate: 90.89%				

Status bar Includes GPS info, event info, alarm info and total counter.

2.3 Playback

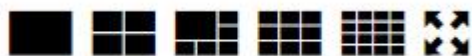
In this page, you can query the history video and image, or replay tracks.



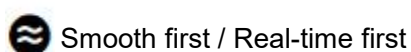
1. You can select which vehicle that you want to query history video;
2. Select the month&date
3. Time: set the query time range;
Historical file type: Video, Track, Image, Audio;
Video Type: you can query normal video or alarm video;
4. Location: you can select video from vehicle or alarm server or auto download server;

2.3.1 Tool Bar

The control options of replay are as follows:



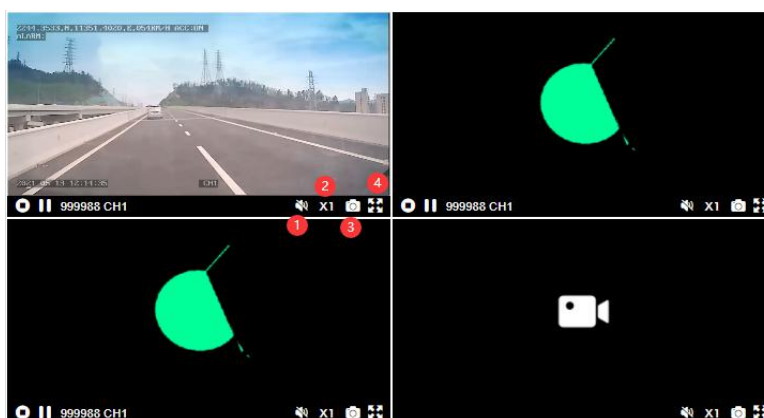
1 channel / 4-channel / 5-channel / 9-channel / 16-channel / Full screen.



After query the recorded videos, it will list by timeline, double click on [time line](#) to replay. Users are also able to download history videos as follows.



2.3.2 Function menu



1 Sound open: Turn On/Off audio function.

2 Fast forward play: Replay video by one time speed / two times speed / three times speed / four times speed

3 Screenshot

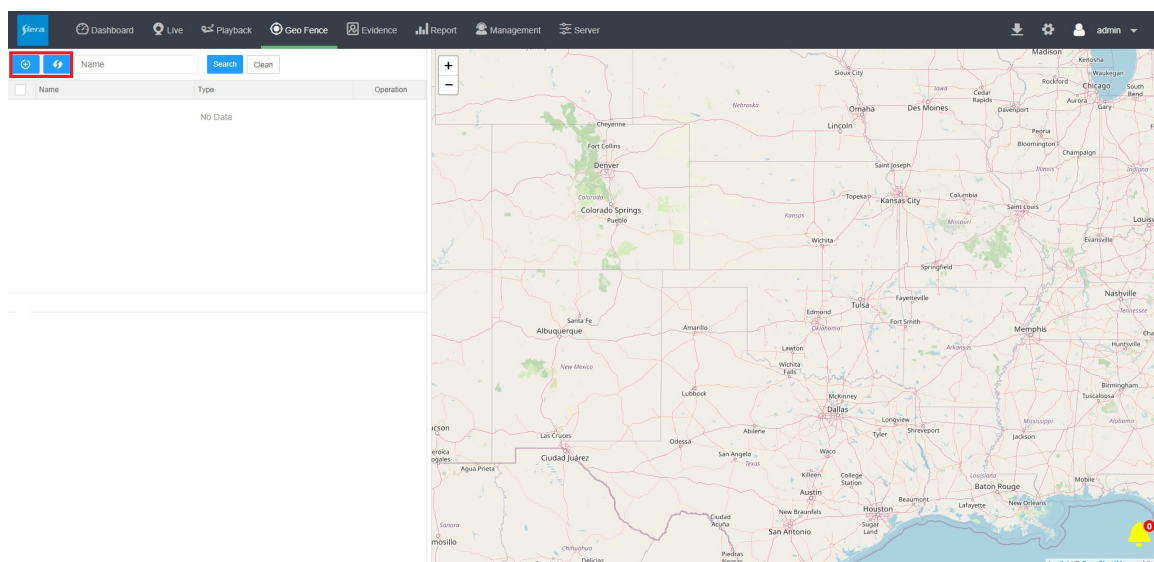
4 Full screen



2.4 Geo Fence

This page is for setting the below areas:

1. Prevent vehicles from entering the area, such as preventing trucks from entering the city center.
2. Prevent vehicles from leaving the area, such as preventing taxis from leaving the operating area.
3. Speed limit on vehicles in the area.

For how to set it, please check the below picture:



Click  icon, then name it, select the Type to edit the area. After your setting, click  to refresh.

Polygon

1. Input a name for area.
2. Select type: Polygon, Polyline, Circle.
3. Configure begin and end time.
4. Input description (not necessary)
5. Drag mouse on map to draw area.

Name

test

Type

Polygon

Begin Time

2021-05-13 08:00:00

End Time

2021-05-13 21:30:00

Description

test

Editing Area

OFF

OK

Circle

Name

test

Type

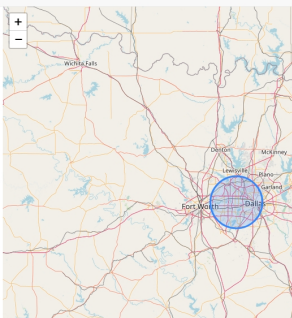
Circle

Description

Editing Area

OFF

OK



PolyLine

Name

test

Type

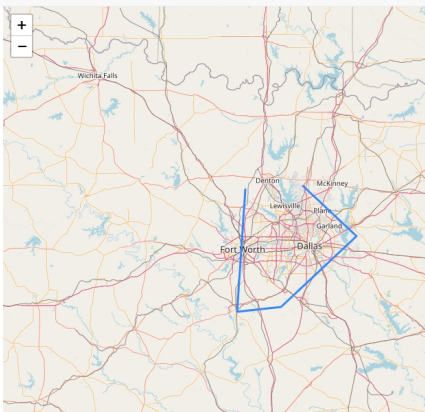
Polyline

Description


Editing Area

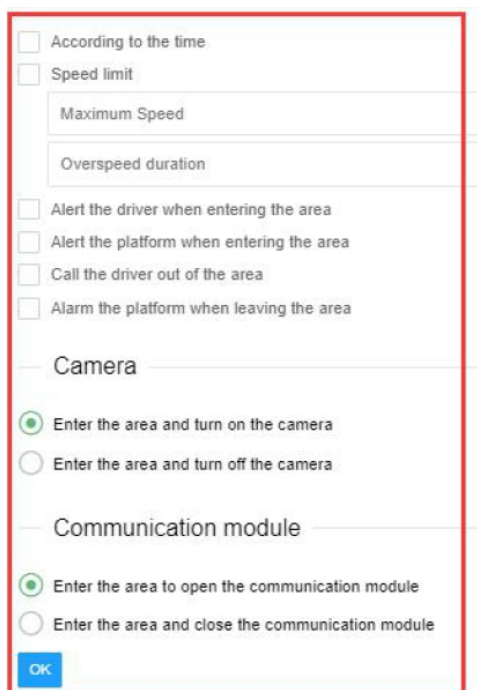
OFF

OK



2.5 Assign the rule

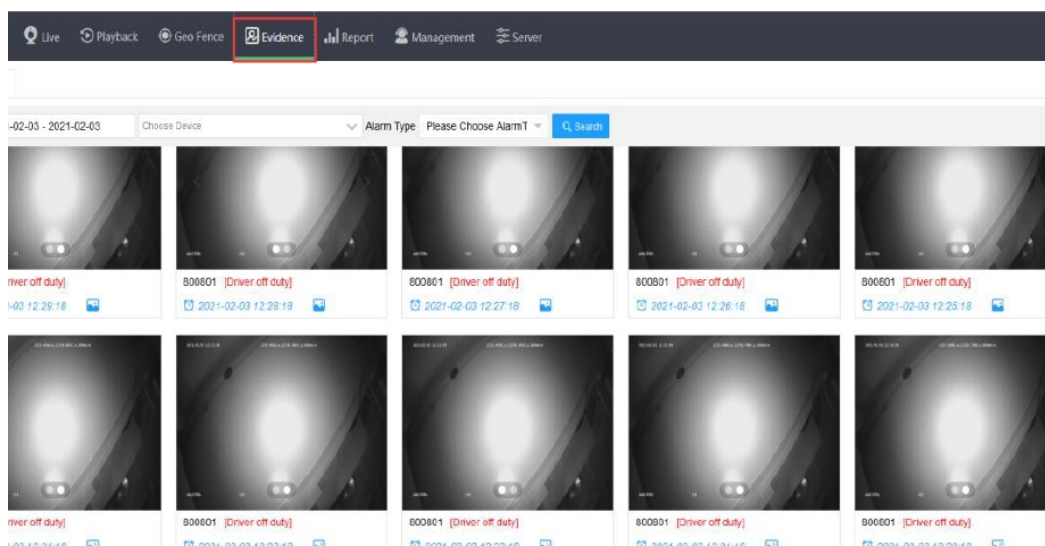
Then this area and rule could be issued to the selected vehicles, you can click the  icon, then please check as below picture



- (1) **According to the time:** this rule will be effect in the time that you set in the rule.
- (2) **Speed limit:** this rule will be effect when vehicle is out of this speed value for duration time.
- (3) **Alarm the driver when entering the area:** if connect a buzzer to I/O on the MDVR, then the buzzer will send voice when enter this area.
- (4) **Alarm the platform when entering the area:** the alarm will be uploaded to the MOB Server platform when enter this area.
- (5) **Call the driver out of the area:** if connect a buzzer to I/O on the MDVR, then the buzzer will send voice when vehicle is out of this area.
- (6) **Alarm the platform when leaving the area:** the alarm will be uploaded on the MOB Server platform when vehicle is out of this area.
- (7) **Enter the area and turn on the camera:** when enter this area, the cameras of MDVR will open the recording function automatically, if this function already on, then will keep it.
- (8) **Enter the area and turn off the camera:** when enter this area, the cameras of MDVR will close the recording function automatically, such army area.
- (9) **Enter the area to open the communication module:** when enter this area, the communicate module of MDVR will open automatically.
- (10) **Enter the area to close the communication module:** when enter this area, the communicate module of MDVR will close automatically.

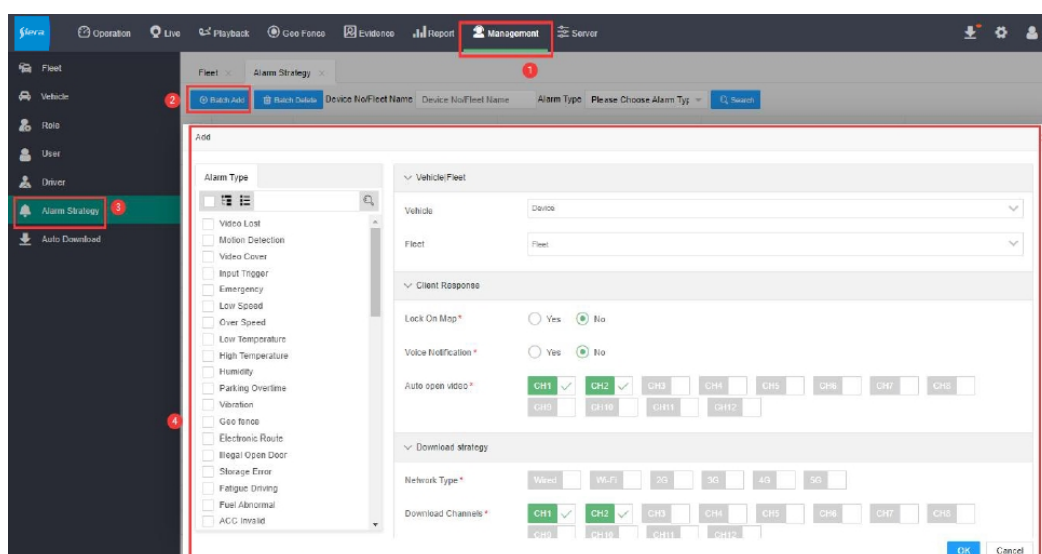
2.6 Evidence

On this page, users can check the snapshot before alarm、snapshot after alarm and alarm video which are uploaded to platform.



Notice: There are two settings on device end and MOB Server platform end, then you can query snapshots / video as above:

1. The setting on MOB Server platform: need setting 'Alarm Strategy' in the Management menu of MOB Server.



There are two alarm types mainly: **alarm** or **DMS and ADAS alarm**

Alarm for MDVR: include Video Lost, Motion Detection, Video Mask, Input Trigger, Emergency, Low Speed, Over speed, Low Temperature, High Temperature, Humidity, Long Park, Shake, EZone Defence, Eline, Illegal Open door, Storage Exception, Fatigue Driving, Oil Exception, Acc Invalid, Gps Exception, Front Panel Open, Swipe, IButton, Rapidly Accelerate, Sharp Slowdown, Low Speed Warning, High Speed Warning, Voltage, People Counting.

DMS And ADAS Alarm: include Forward Collision, Lane Departure, Car Distance,

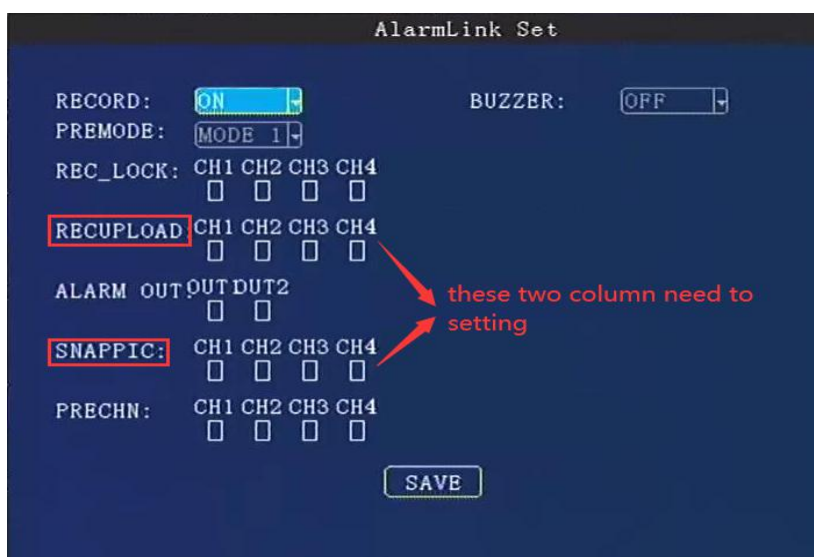
Pedestrian Collision, Frequent Lane Change, Road Sign Overrun, Acceleration, Deceleration, Road Sign Recognition, FCW(Front Car Collision), HMW(Vehicle Too Close), Lane Departure Left, Lane Departure Right, Forward Collision VB, Fatigue Driving, No phone Call, Smokes, Distracted Driving, Driver Abnormality, Driver Change, Close Eyes, Yawn, Shelter, Distractions alarm, Unfastened Seat Belt, Driver off duty, Driver Water, Driver Change Position, Driver Return, Infrared sunglasses, Driver Identity Checked Success, Driver Identity Checked Fail, No Face Detection.

2. The setting on MDVR: Need to select **H-FTP** in the 'Record-->Storage' menu, then set linkage of corresponding alarm type of MDVR.



DISK	USAGE
DISK1	NO
DISK2	Record
DISK3	NO

SAVE



RECORD: ON BUZZER: OFF

PREMODE: MODE 1

REC_LOCK: CH1 CH2 CH3 CH4

RECUPLOAD: CH1 CH2 CH3 CH4

ALARM OUT: CH1 CH2 CH3 CH4

SNAPPIC: CH1 CH2 CH3 CH4

PRECHN: CH1 CH2 CH3 CH4

these two column need to setting

SAVE

3. There is no need for AI MDVR to set H-FTP, it is ok to just set linkage of corresponding alarm type of MDVR.

It contains alarm picture / videos which upload from MDVR side.

Evidence 8881111[Driver off duty] x 800802[Driver off duty] x

2021-05-13 - 2021-05-13 Device Alarm Type Please Choose Alarm Type

Click the icon, set the search time Today / Yesterday / 7 days / 30 days / custom.

Playback Geo Fence Evidence Report Management Server

Alarm Type Please Choose Alarm Type

2021/05/17 07:59:38 1343.8806,N,10045.4342,E,0590M/H

Test1 [FCW (Forward Collision Warning)]

2021-05-17 07:59:35

2021/05/17 07:59:29 1343.8122,N,10045.6439,E,0610M/H

Test1 [HMW (Headway Monitoring Warning)]

2021-05-17 07:59:34

Then click icon, images will pop up the image.

Click on the image to show a new window like below, here you can check the image / Video. If it is a image, click the image, it will be enlarged and shown in the center.

2021/05/17 07:59:09 1343.8724,N,10045.4351,E

CH3

2021-05-17 07:59:10~2021-05-17 07:59:10

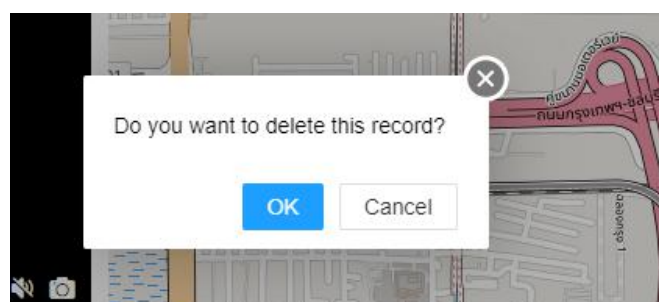
2021/05/17 07:59:05 1343.8726,N,10045.4706,E


CH3

2021-05-17 07:59:04~2021-05-17 07:59:15

If it is a video,click the video, it will be played directly.

Click icon in the upper right corner of the picture / video to delete this record.




Click  icon in the down right of the picture / video to download this record.



2.7 Report

On this menu, you can query and export excel file of vehicle according to conditions that you set.

Report Type: GPS, Alarm, Active safety, Online and Offline, Mileage, Fuel, Speed, Passenger count, Driver attendance, Traffic flow report, Temp & Humidity.

<div>  Operation Live Playback Geo Fence Evidence Report Management Server </div>							
GPS	GPS Details						
Alarm	2021-05-17 ~ 2021-05-17						
Active Safety Alarm	Device						
Online-Offline Report	Search						
Mileage Report	No	Device Name	Longitude, Latitude	Altitude	Time	Speed	Re-upload
Fuel	1	060101	113.946518, 22.5583992	25	2021-05-17 09:42:58	0.00 KMH	No
Speed	2	060101	113.946518, 22.5583973	23	2021-05-17 09:42:48	0.00 KMH	No
Passenger Count	3	060101	113.946518, 22.5584049	22	2021-05-17 09:42:38	0.00 KMH	No
Driver	4	060101	113.946518, 22.5584164	20	2021-05-17 09:42:28	0.00 KMH	No
Traffic Flow report	5	060101	113.94651, 22.5584183	18	2021-05-17 09:42:18	0.00 KMH	No
Temp & Humidity Report	6	DMS & ADAS Alarm ...	113.946854, 22.5587749	0	2021-05-17 09:42:16	0.00 KMH	No
	7	060101	113.946495, 22.5584202	16	2021-05-17 09:42:08	0.00 KMH	No
	8	060101	113.94648, 22.5584259	14	2021-05-17 09:41:58	0.00 KMH	No
	9	060101	113.94648, 22.5584164	12	2021-05-17 09:41:48	1.00 KMH	No
	10	DMS & ADAS Alarm ...	113.946854, 22.5585728	0	2021-05-17 09:41:46	4.00 KMH	No

Notice: the Passenger Flow and Driver Attendance need external passenger flow meter or card reader, for how to get it, please check the corresponding manual.

Choose vehicle: You can select vehicle which you want to query.

Query: Click to get the details.

GPS Report

GPS Details query

Alarm Report

DMS And ADAS Report

Online-Offline Report

Mileage Report

Oil Report

GPS Details query

2021-02-04 - 2021-02-04

999903

device

Search

No	Device No	Latitude,Longitude	Altitude	Time	Speed	Precis...	Direct	Satellit
11	999903	113.950806,22.5692139	7	2021-02-04 20:21:26	16.00 KM/H	0	158	12
12	999903	113.949959,22.5707817	0	2021-02-04 20:20:55	18.00 KM/H	0	153	12
13	999903	113.950157,22.5709362	1	2021-02-04 20:20:25	32.00 KM/H	0	335	12
14	999903	113.951508,22.5686588	5	2021-02-04 20:19:55	38.00 KM/H	0	330	12
15	999903	113.95369,22.5668011	13	2021-02-04 20:19:24	37.00 KM/H	0	318	12

After query, you can click “Export to Excel”.

Driver Attendance query

2021-02-04

999903

Search

Export to Excel

Latitude,Longitude	Altitude	Time	Speed	Precis...	Direct	Satellites	Io State	Urgency
113.950806,22.5692139	7	2021-02-04 20:21:26	16.00 KM/H	0	158	12	0	0
113.949959,22.5707817	0	2021-02-04 20:20:55	18.00 KM/H	0	153	12	0	0

From the GPS report, we could get the basic information about device, such as GPS info, recording status, video lost, satellites and ACC status.

2.7.1 Alarm report

2.7.1.1 Alarm Details query

It shows the whole alarm lists from devices.

GPS

GPS Details

Alarm

Active Safety Alarm

Online-Offline Report

Mileage Report

Fuel

Speed

Passenger Count

Driver

Traffic Flow report

Temp & Humidity Report

GPS Details

2021-05-13 - 2021-05-13

353661093822197

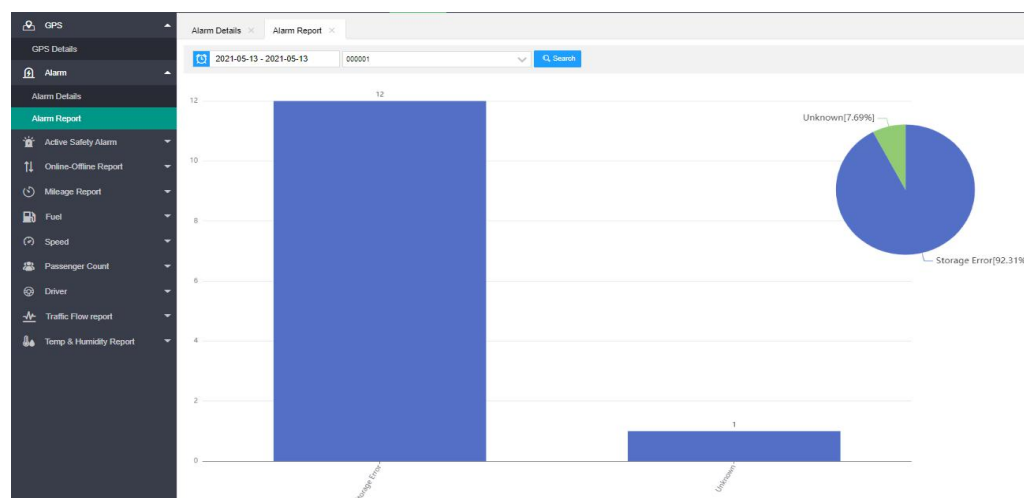
Search

No	Device Name	Longitude,Latitude	Altitude	Time	Speed	Re-upload	Reporting time
1	353661093822197	113.946747,22.5575943	0	2021-05-13 20:31:52	0.00 km/h	No	2021-05-13 20:31:52
2	353661093822197	113.946732,22.5576878	0	2021-05-13 20:31:22	0.00 km/h	No	2021-05-13 20:31:22
3	353661093822197	113.946732,22.5576878	0	2021-05-13 20:30:52	0.00 km/h	No	2021-05-13 20:30:52
4	353661093822197	113.946732,22.5576878	0	2021-05-13 20:30:21	0.00 km/h	No	2021-05-13 20:30:22
5	353661093822197	113.946732,22.5576878	0	2021-05-13 20:29:51	0.00 km/h	No	2021-05-13 20:29:52
6	353661093822197	113.946732,22.5576878	0	2021-05-13 20:29:21	0.00 km/h	No	2021-05-13 20:29:21
7	353661093822197	113.946732,22.5576878	0	2021-05-13 20:28:51	0.00 km/h	No	2021-05-13 20:28:51
8	353661093822197	113.946732,22.5576878	0	2021-05-13 20:28:21	0.00 km/h	No	2021-05-13 20:28:21
9	353661093822197	113.946732,22.5576878	0	2021-05-13 20:27:51	0.00 km/h	No	2021-05-13 20:27:51
10	353661093822197	113.946732,22.5576878	0	2021-05-13 20:27:21	0.00 km/h	No	2021-05-13 20:27:21
11	353661093822197	113.946732,22.5576878	0	2021-05-13 20:26:51	0.00 km/h	No	2021-05-13 20:26:51

2.7.1.2 Alarm Details Report

Set the search time and device, then click search. The report will be presented in the form of histogram and pie chart.

GPS	Alarm Details	Alarm Report
GPS Details	2021-05-13 - 2021-05-13	Device
Alarm	Alarm Type	Please Choose Alarm Ty
Alarm Details	No	Device No
Alarm Report	Alarm Type	Longitude, Latitude
Active Safety Alarm	Alarm Start/End	Speed
Online-Offline Report	Time	
Mileage Report		
Fuel		
Speed		
Passenger Count		
Driver		
Traffic Flow report		
Temp & Humidity Report		



2.7.2 Active Safety report

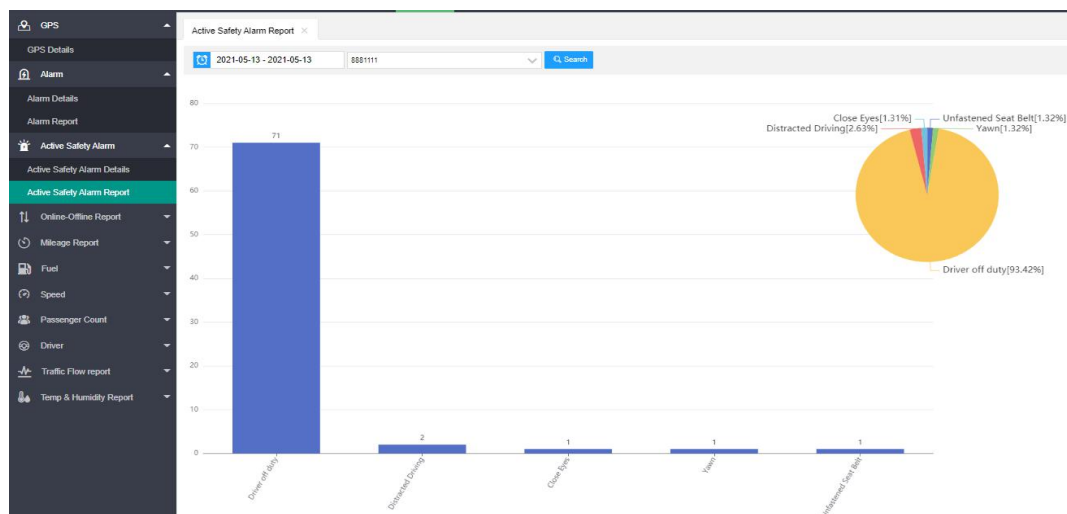
2.7.2.1 Active Safety Alarm Details

This function needs our AI MDVR or AI box.

GPS	Active Safety Alarm Details
GPS Details	2021-05-13 - 2021-05-13
Alarm	Device
Alarm Details	Alarm Type
Alarm Report	Please Choose Alarm Ty
Active Safety Alarm	No
Active Safety Alarm Details	Device No
Active Safety Alarm Report	Alarm Type
Online-Offline Report	Longitude, Latitude
Mileage Report	Alarm Start/End
Fuel	Speed
Speed	Time
Passenger Count	
Driver	
Traffic Flow report	
Temp & Humidity Report	

2.7.2.2 Active Safety Alarm Report

This function needs our AI MDVR or AI box.



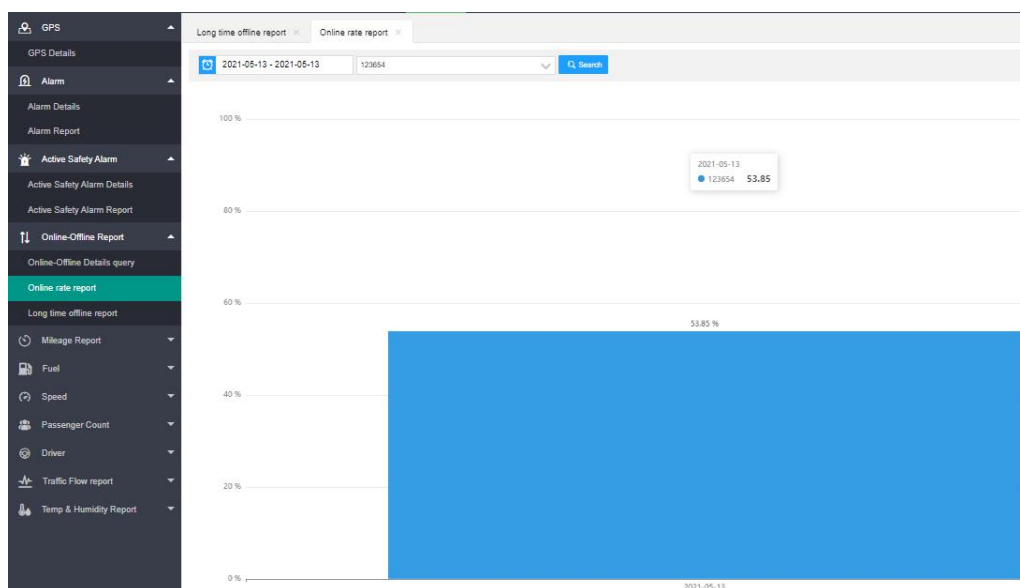
2.7.3 Online-Offline report

2.7.3.1 Online-Offline Details query

Check the device online and offline report.

No	Device No	Access Mo...	Login time	Login location	Logout time	Logout location	Online duration
1	999905(999905)	4G	2021-05-13 20:39:37				00:00:00
2	999905(999909)	4G	2021-05-13 20:39:20				00:00:00
3	000003(000003)	4G	2021-05-13 20:20:36	114.385155,22.7192554	2021-05-13 20:31:43	114.385155,22.7192554	00:02:07
4	415001(415001)	Wi-Fi	2021-05-13 20:25:38				00:00:00
5	999903(999903)	4G	2021-05-13 20:16:09	114.385155,22.7192554	2021-05-13 20:18:16	114.385155,22.7192554	00:02:07
6	888888(888888)	4G	2021-05-13 20:15:47	-83.7270126,42.2245064	2021-05-13 20:21:56	-83.7270126,42.2245064	00:06:09
7	999988(999988)	4G	2021-05-13 20:14:24				00:00:00
8	999903(999903)	4G	2021-05-13 19:53:14		2021-05-13 19:55:22		00:02:08
9	060799(060799)	Wi-Fi	2021-05-13 19:39:20				00:00:00
10	400207(Dashcam)	3G	2021-05-13 19:34:56	113.946696,22.5567044		113.946696,22.5567044	00:09:15

2.7.3.2 Online rate report



2.7.3.3 Long time offline report

Input a hours number to check long time offline devices.

GPS Details		Offline time > 10 Hour Search			
No	Device Name	Last Online Time	Last Offline Time	Longitude, Latitude	
1	41903490	2021-05-13 10:06	2021-05-13 10:07	0,0	
2	20210202	2021-05-12 18:30	2021-05-13 09:02	0,0	
3	hew	2021-05-13 05:57	2021-05-13 06:03		
4	01998	2021-05-12 21:20	2021-05-12 21:22		
5	4104	2021-05-12 10:38	2021-05-12 13:50	113.946533,22.5582619	
6	12345678	2021-05-12 08:11	2021-05-12 10:09		
7	333555	2021-05-11 16:05	2021-05-11 16:16	113.946625,22.5583382	
8	019980005	2021-05-11 15:58	2021-05-11 15:58		
9	019980001	2021-05-11 15:57	2021-05-11 15:57		
10	31088	2021-05-11 09:38	2021-05-11 09:54	113.946404,22.5582638	

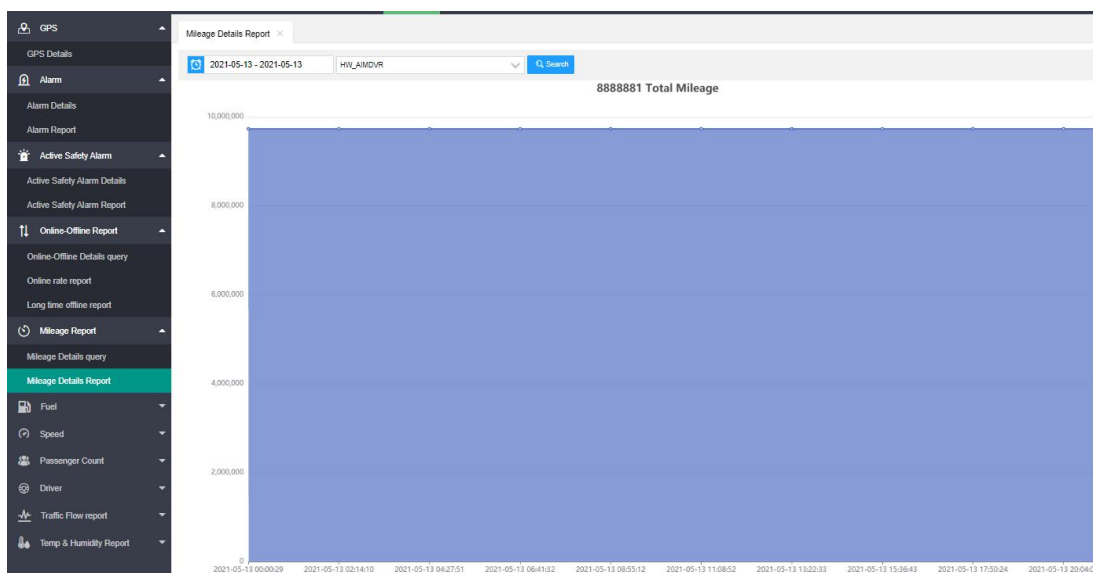
2.7.4 Mileage report

2.7.4.1 Mileage details query

GPS		Mileage Details query			
GPS Details					
Alarm					
Alarm Details					
Alarm Report					
Active Safety Alarm					
Active Safety Alarm Details					
Active Safety Alarm Report					
Online-Offline Report					
Online-Offline Details query					
Online rate report					
Long time offline report					
Mileage Report					
Mileage Details query					
Mileage Details Report					

Mileage Details query					
2021-05-13 - 2021-05-13		HW_AIMDVR		Search	
No	Device No	Mileage	Total Mileage	Time	
1	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:53:19	
2	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:52:49	
3	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:52:19	
4	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:51:49	
5	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:51:19	
6	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:50:49	
7	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:50:19	
8	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:49:48	
9	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:49:18	
10	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:48:48	
11	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:48:18	
12	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:47:48	
13	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:47:18	

2.7.4.2 Mileage details report



2.7.5 Speed Report

2.7.5.1 Over Speed Details

Fill in the non- negative speed value, search for records that bigger than this speed value.

GPS	Over Speed Details
GPS Details	2021-05-14 - 2021-05-14
Alarm	666000
Active Safety Alarm	Speed(KMH) > 60
Online-Offline Report	Q Search
Mileage Report	
Fuel	
Speed	
Over Speed Details	

No	Device No	Longitude, Latitude	Altitude	Time	Speed	Precision	Direct	Satellites	IO Status
1	888000	-1.20847833, 52.6233749	99	2021-05-14 04:36:45	85.00 km/h	0	153	11	0
2	888000	-1.21287668, 52.6294174	103	2021-05-14 04:36:15	86.00 km/h	0	156	11	0
3	888000	-1.21750408, 52.63554	93	2021-05-14 04:35:45	91.00 km/h	0	150	11	0
4	888000	-1.22313499, 52.6411667	90	2021-05-14 04:35:14	82.00 km/h	0	147	11	0
5	888000	-1.23029995, 52.6472549	86	2021-05-14 04:34:44	127.00 km/h	0	139	11	0
6	888000	-1.2416383, 52.6538353	103	2021-05-14 04:34:14	127.00 km/h	0	127	10	0
7	888000	-1.2554667, 52.659008	123	2021-05-14 04:33:44	128.00 km/h	0	118	11	0

2.7.5.2 Over/Low Speed report

Need to set in MDVR "Speed" alarm first, when vehicle breaks this rule, it will send alerts to server side, then you could search.

GPS	Over Speed
GPS Details	2021-04-14 - 2021-05-14
Alarm	Device
Active Safety Alarm	Q Search
Online-Offline Report	
Mileage Report	
Fuel	
Speed	
Over Speed Details	
Over Speed	

No	Device No	Longitude, Latitude	Alarm Start/End	Speed	Time
1	dashcam-test(Dashcam (on truck))	113.915276, 22.5759258	Alarm End	80.00 km/h	2021-04-22 00:27:18
2	dashcam-test(Dashcam (on truck))	113.915138, 22.5760784	Alarm Start	80.00 km/h	2021-04-22 00:27:17
3	dashcam-test(Dashcam (on truck))	113.914848, 22.5763817	Alarm End	80.00 km/h	2021-04-22 00:27:15
4	dashcam-test(Dashcam (on truck))	113.903671, 22.5883656	Alarm Start	81.00 km/h	2021-04-22 00:25:59
5	dashcam-test(Dashcam (on truck))	113.901901, 22.590292	Alarm End	79.00 km/h	2021-04-22 00:25:46
6	dashcam-test(Dashcam (on truck))	113.891403, 22.5991974	Alarm Start	81.00 km/h	2021-04-22 00:24:43
7	dashcam-test(Dashcam (on truck))	113.891235, 22.5993156	Alarm End	80.00 km/h	2021-04-22 00:24:42
8	dashcam-test(Dashcam (on truck))	113.87915, 22.6122189	Alarm Start	81.00 km/h	2021-04-22 00:23:20

GPS	Low Speed report
GPS Details	2021-04-14 - 2021-05-14
Alarm	Dashcam (on truck)
Active Safety Alarm	Q Search
Online-Offline Report	
Mileage Report	
Fuel	
Speed	
Over Speed Details	
Over Speed	
Low Speed report	

No	Device No	Longitude, Latitude	Alarm Start/End	Speed	Time
1	dashcam-test(Dashcam (on truck))	113.952271, 22.565773	Alarm Start	41.00 km/h	2021-04-22 00:39:59
2	dashcam-test(Dashcam (on truck))	113.951378, 22.5681057	Alarm End	42.00 km/h	2021-04-22 00:39:37
3	dashcam-test(Dashcam (on truck))	113.949371, 22.5713024	Alarm Start	40.00 km/h	2021-04-22 00:38:24
4	dashcam-test(Dashcam (on truck))	113.944405, 22.5712605	Alarm End	43.00 km/h	2021-04-22 00:37:48
5	dashcam-test(Dashcam (on truck))	113.94265, 22.5712833	Alarm Start	41.00 km/h	2021-04-22 00:37:00
6	dashcam-test(Dashcam (on truck))	113.937889, 22.5713615	Alarm End	44.00 km/h	2021-04-22 00:36:23
7	dashcam-test(Dashcam (on truck))	113.936226, 22.5712376	Alarm Start	38.00 km/h	2021-04-22 00:35:32
8	dashcam-test(Dashcam (on truck))	113.93541, 22.5712585	Alarm End	41.00 km/h	2021-04-22 00:35:25
9	dashcam-test(Dashcam (on truck))	113.933815, 22.5713234	Alarm Start	40.00 km/h	2021-04-22 00:35:10

2.7.5.3 Harsh Acceleration report

Need to set **speed up alert** in speed menu at MDVR side first, when vehicle breaks this rule, it will send alerts to server side, then you could search.

GPS	Harsh Acceleration Report					
GPS Details	2021-04-14 - 2021-05-14 Device Search					
Alarm	No	Device No	Longitude, Latitude	Alarm Start/End	Speed	Time
Active Safety Alarm	1	999988(999988)	113.95166, 22.5646725	Alarm End	47.00 km/h	2021-05-13 20:33:44
Online-Offline Report	2	999988(999988)	113.95179, 22.5646553	Alarm Start	44.00 km/h	2021-05-13 20:33:43
Mileage Report	3	999988(999988)	113.952034, 22.5646191	Alarm Start	36.00 km/h	2021-05-13 20:33:42
Fuel	4	999988(999988)	113.952034, 22.5646191	Alarm End	36.00 km/h	2021-05-13 20:33:42
Speed	5	999903(999903)	114.385155, 22.7192554	Alarm End	0.00 km/h	2021-05-13 20:17:31
Over Speed Details	6	999903(999903)	114.385155, 22.7192554	Alarm Start	0.00 km/h	2021-05-13 20:17:29
Over Speed	7	999988(999988)	113.995079, 22.5927658	Alarm End	46.00 km/h	2021-05-13 20:17:28
Low Speed report	8	999988(999988)	113.995193, 22.5928097	Alarm Start	39.00 km/h	2021-05-13 20:17:27
Harsh Acceleration Report	9	999988(999988)	113.990807, 22.5909023	Alarm End	66.00 km/h	2021-05-13 19:59:19
	10	999988(999988)	113.990646, 22.5908375	Alarm Start	61.00 km/h	2021-05-13 19:59:18

2.7.5.4 Harsh Braking report

Need to set **speed down alert** in speed menu at MDVR side first, when vehicle breaks this rule, it will send alerts to server side, then you could search.

GPS	Harsh Braking report					
GPS Details	2021-04-14 - 2021-05-14 Device Search					
Alarm	No	Device No	Longitude, Latitude	Alarm Start/End	Speed	Time
Active Safety Alarm	1	999988(999988)	113.952553, 22.5648174	Alarm End	14.00 km/h	2021-05-13 20:33:27
Online-Offline Report	2	999988(999988)	113.952553, 22.5648575	Alarm Start	20.00 km/h	2021-05-13 20:33:26
Mileage Report	3	999988(999988)	113.949371, 22.57658	Alarm End	0.00 km/h	2021-05-13 20:29:50
Fuel	4	999988(999988)	113.949371, 22.57658	Alarm Start	6.00 km/h	2021-05-13 20:29:49
Speed	5	999988(999988)	113.999405, 22.5950832	Alarm End	10.00 km/h	2021-05-13 20:02:54
Over Speed Details	6	999988(999988)	113.999329, 22.5949917	Alarm Start	27.00 km/h	2021-05-13 20:02:52
Over Speed	7	999988(999988)	113.99926, 22.5949421	Alarm End	37.00 km/h	2021-05-13 20:02:51
Low Speed report	8	999988(999988)	113.999161, 22.5948772	Alarm Start	46.00 km/h	2021-05-13 20:02:50
Harsh Acceleration Report	9	999988(999988)	113.927399, 22.5461311	Alarm End	13.00 km/h	2021-05-13 19:43:26
Harsh Braking report	10	999988(999988)	113.927391, 22.5460949	Alarm Start	18.00 km/h	2021-05-13 19:43:25
	11	999988(999988)	113.943413, 22.564373	Alarm End	20.00 km/h	2021-05-13 18:03:54

2.7.6 Passenger Count

Need connect the passenger counter with MDVR.

2.7.7 Driver Report

Use RFID which connect to MDVR, and configure via MOB Server as valid card.

2.7.8 Data Usage Report

2.7.8.1 Data Traffic

It will show data consumption(WIFI, 3G/4G, LAN) from devices.

GPS

GPS Details

Alarm

Active Safety Alarm

Online-Offline Report

Mileage Report

Fuel

Speed

Passenger Count

Passenger Count Details

Passenger Count Report

Driver

Driver Attendance Details

Traffic Flow report

Data Traffic

Data Traffic

2021-04-14 - 2021-05-14

HW_AIMDVR

Traffic Flow Type

Monitor

Traffic Flow direction

Upward

Access Mode

All

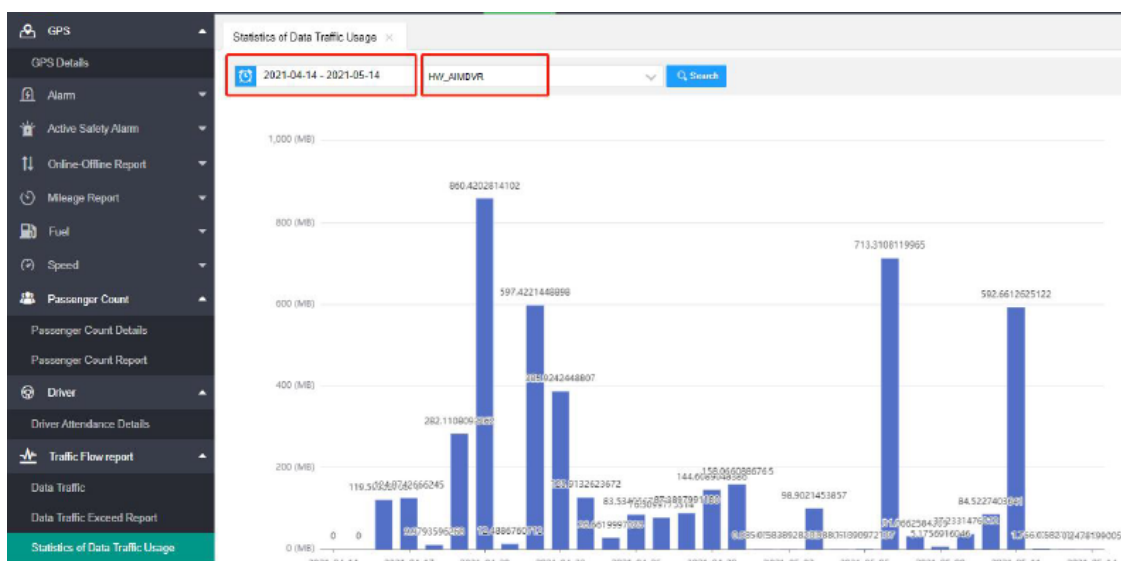
Search

No	Device No	Device Name	Traffic Flo...	Traffic Flow Type	Data consumption (MB)	Access Mode	Reporting time	Consumption time
1	8888881	HW_AIMDVR	Upward	Monitor	12.8414621353	Wi-Fi	2021-05-11 19:45:41	2021-05-11 19:45:41
2	8888881	HW_AIMDVR	Upward	Monitor	10.8884820938	Wi-Fi	2021-05-11 19:45:42	2021-05-11 19:45:41
3	8888881	HW_AIMDVR	Upward	Monitor	10.8881082535	Wi-Fi	2021-05-11 19:45:41	2021-05-11 19:45:41
4	8888881	HW_AIMDVR	Upward	Monitor	10.8323945999	Wi-Fi	2021-05-11 19:45:41	2021-05-11 19:45:41
5	8888881	HW_AIMDVR	Upward	Monitor	10.8302154541	Wi-Fi	2021-05-11 19:45:42	2021-05-11 19:45:41
6	8888881	HW_AIMDVR	Upward	Monitor	7.8336277008	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
7	8888881	HW_AIMDVR	Upward	Monitor	6.5761547089	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
8	8888881	HW_AIMDVR	Upward	Monitor	6.5754022598	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
9	8888881	HW_AIMDVR	Upward	Monitor	6.5632696152	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
10	8888881	HW_AIMDVR	Upward	Monitor	6.5610658066	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
11	8888881	HW_AIMDVR	Upward	Monitor	4.5634965897	Wi-Fi	2021-05-11 19:45:42	2021-05-11 19:45:41
12	8888881	HW_AIMDVR	Upward	Monitor	3.6523990631	Wi-Fi	2021-05-11 14:59:10	2021-05-11 14:59:10
13	8888881	HW_AIMDVR	Upward	Monitor	3.0632982254	Wi-Fi	2021-05-11 14:59:10	2021-05-11 14:59:10

2.7.8.2 Data Traffic Exceed Report

<div>GPS</div> <div>GPS Details</div> <div>Alarm</div> <div>Active Safety Alarm</div> <div>Online-Offline Report</div> <div>Mileage Report</div> <div>Fuel</div> <div>Speed</div> <div>Passenger Count</div> <div>Passenger Count Details</div> <div>Passenger Count Report</div> <div>Driver</div> <div>Driver Attendance Details</div> <div>Traffic Flow report</div> <div>Data Traffic</div> <div>Data Traffic Exceed Report</div>	Data Traffic Exceed Report					
	<div> <div>2021-04-14 - 2021-05-14</div> <div>Device</div> <div>Threshold: 50</div> <div>Search</div> </div>					
	No	Device No	Device Name	Daily flow limit(MB)	Daily consumption fl...	Time
	1	000001	000001	50	2116.2800054550	2021-05-12
	2	01998	01998	50	117.83495561691	2021-04-28
	3	060101	060101	50	116.6332263947	2021-04-28
	4	060799	060799	50	57.6269187927	2021-05-11
	5	060799	060799	50	262.6565242538	2021-05-08
	6	060799	060799	50	167.8059282303	2021-05-03
	7	060799	060799	50	54.0674200058	2021-04-30
	8	123654	123654	50	124.3540992737	2021-05-14
	9	123654	123654	50	1139.3293180466	2021-05-13
	10	333555	333555	50	104.4702301025	2021-05-07
	11	400207	Dashcam	50	69.2113895416	2021-05-11
	12	800802	800802	50	209.8035364151	2021-05-11
	13	800802	800802	50	261.6953353882	2021-05-10
	14	800802	800802	50	56.5300092697	2021-04-30
	15	800802	800802	50	413.7528486252	2021-04-29

2.7.8.3 Statistics of device flow report



2.7.9 Temp&Humidity report

It supports the temperature&Humidity external devices with MDVR, then it will upload to MOB Server.

2.8 Management

2.8.1 Management

In this menu, you can manage user, fleet, vehicle, driver and authorization

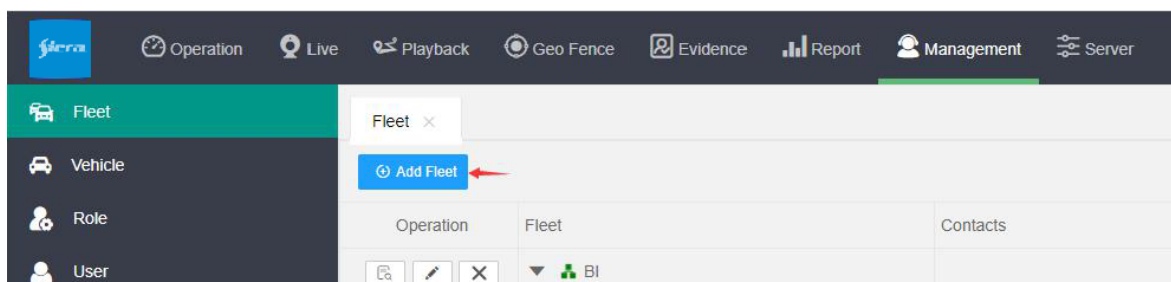
Management

Operation	Icon	Device Name	Device No	Fleet	Plate No	Vehicle Type	Chassis No	Last Online Time	Last Offline Time	Is
<input type="checkbox"/>		000001	000001	111111		A1		2021-05-14 10:56	2021-05-14 10:56	
<input type="checkbox"/>		00771	0077	xxxxxx		A1		2020-12-01 10:07	2020-12-01 10:07	
<input type="checkbox"/>		010101	010101	Default Fleet		A1		2021-03-16 14:33	2021-03-16 14:35	
<input type="checkbox"/>		01010101	01010101	Default Fleet		A1		2021-03-16 14:04	2021-03-16 14:04	

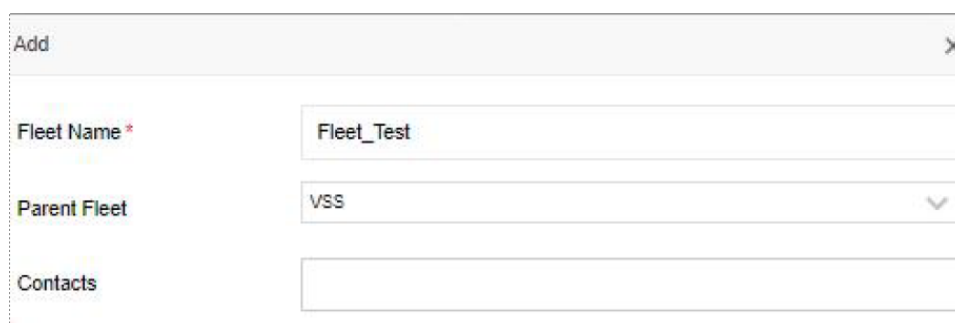
2.8.2 Fleet

You can manage fleet and vehicle in this page.

Notice: Need to add fleet first, then add vehicle.



1. **Add Fleet:** Add a new fleet, if there are lot of sub-fleet, you can set parent fleet as main-fleet.



The screenshot shows the 'Add Fleet' form. It has three fields: 'Fleet Name *' with the value 'Fleet_Test', 'Parent Fleet' with a dropdown menu showing 'VSS', and 'Contacts' with an empty text box.

 :check vehicle details.

 :edit vehicle details.

 :delete selected vehicle.

2. **Add Vehicle:** click this button, you can add vehicle one by one, please notice, new vehicle ID must be unique.



Notice: You need to select which fleet you want to add vehicle;

Device No: Device ID, you can configure device ID at device end, and input same number as device No.

Device Name: You can input plate number of vehicle.

Device Type: Select the one showing on your device label.

Fleet: Select one fleet that your vehicle will be involved in.

Audio-video Count: Total camera channels.

Intercom Count: Total intercom channels.

Input Number: Total alarm inputs as per device type.

Output Number: Total alarm outputs as per device type.


Channel Name: the channel names will automatically display according to the 'Device Type' you choose, you can modify manually or keep them default, channel names will be displayed when you view video

More information: these parameters are not necessary, you can fill in according to actual situation

Add

Basic Info

Icon *



Device No *

800802

Device Name *

Plate Number

Device Type *

MOB 8014

Fleet *

Fleet

Audio-video Count *

8

Intercom Count *

1

Input Number *

2

Output Number *

2

Channel Name *

CH1,CH2,CH3,CH4,CH5,CH6,CH7,CH8

More information

Traffic Flow setting

OK

Cancel

Flow setting: input numbers to control the data flow, it is not a necessary option as well.

-1: no data limited control;

0: Default setting;

A positive number: enable data flow limitation.

▼ Traffic Flow setting

-1: unlimited, 0: global default, >0: threshold

Flow Limit Day (MB)	60000
Month data traffic limit (MB)	180000
Traffic Flow Settlement Day	0

⊕ Batch Add Vehicle :fill in **prefix**, quantity **range**, add vehicle to **fleet**.

Platform automatically fills in the Audio-video Number and other information according to the selected device type.

Add

Basic Info

Example: prefix ft01, range 1-10, equipment such as ft010001, ft010002... Will be created

Prefix *

800802

Range *

1

~

5

Device Type *

MOB 8014

Fleet *

Fleet

Audio-video Count *

4

Intercom Count *

1

Input Number *

2

Output Number *

2

Channel Name *

CH1:CH2:CH3:CH4


More information

Stream Server ID

Streaming


OK

Cancel

 :import vehicle information by excel file, please refer to the form of export vehicle. Pay attention to choose the fleet to add vehicles first.

Export Vehicle :export the vehicle information to excel file.

 Export Template :export the template to excel file.

 **Batch Delete** :delete batch selected vehicles

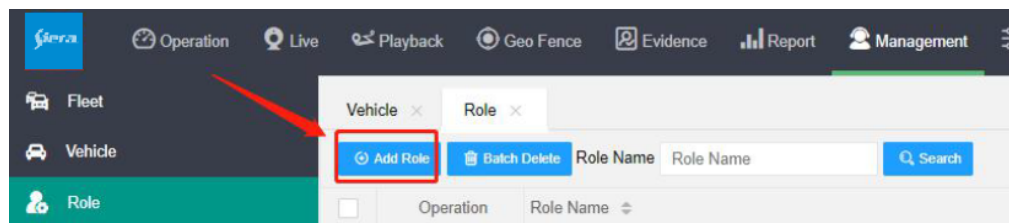
 :check vehicle details.

 :edit vehicle details.

:delete selected vehicle.

2.8.3 Role

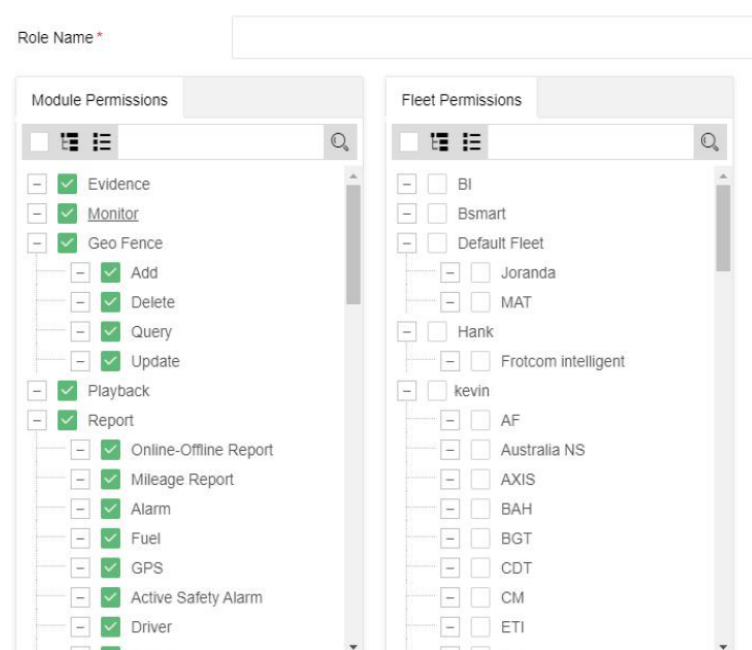
Role means the combination of permissions.



1. Add Role

Notice: Have to add fleet permission first, then add user role.

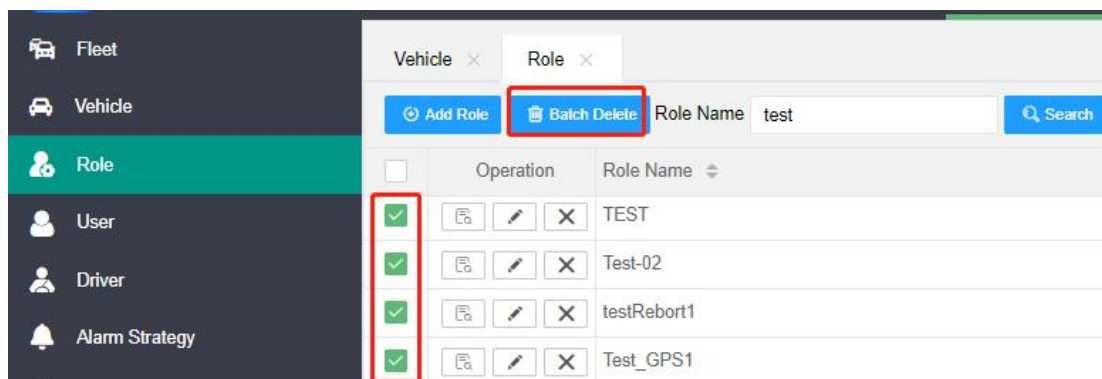
Fleet permissions: Select a fleet first, then switch to Module Permissions.



Module permissions: Select permission to roles. Click "OK" to save.

2. Batch Delete Users

Select particular users, then click **Batch Delete**.



Notice: if there is an user belong to this role, the role can not be deleted.

2.8.4 User

2.8.4.1 Add User

Add User Click the Add User Icon, the following page will pops up, fill in **Username**, **Role**, **Password**, check is **enable**. This user will get the authority of the Role has been set. Click **OK** to save.

Add

Username *

test

Role


Test_Role


Password *

Enable Status

☒ Enabled
☐ Disabled

2.8.4.2 User Management

 for check user details.

 for edit user details.

 delete the user.

Batch Delete :choose the user by the check boxes, batch delete users by group.

Searching by User Name is a quicker way to visit items. It supports fuzzy search.






















User

User


Search

2.8.5 Driver

Click driver item to check all driver information, also device needs to connect with FRID reader.

User > Driver >										
		Add Driver		Batch Delete		Card No/Name/Telephone		Card No/Name/Telephone		Search
	Operation	Driver Name	Fleet	Gender	Driver Card No.	Driver License No.	ID	Telephone	Email	Birth Date
<input type="checkbox"/>	  	Ben	afun	Male	12	123242413423	123242134213	123456		2021-03-27
<input type="checkbox"/>	  	xav	Show-room	Male	4060254			15770574975		
<input type="checkbox"/>	  	afun	Default Fleet	Male	001002			123456789		
<input type="checkbox"/>	  	Ben		Female	123			13213		
<input type="checkbox"/>	  	1	111111	Male	1			123		
<input type="checkbox"/>	  	test_dri	ME3434	Male	14			150808746527		
<input type="checkbox"/>	  	12	152	Female	23214			214314		

2.8.5.1 Add Driver

 Click the Add Driver Icon, the following page will pops up. Fill in Driver Name, Sex, Cardno, Fleet, phone and other information of the adding driver. Click **OK** to save.

Add

Driver Name *

Hank

Gender *

Male

Card No. *

1223456

Fleet *

TestFleetAdd

Phone *

16654782480

Email

ID

1100


Driver License No

5578986

Birth Date

Upload Driver Face Image

upload image




Upload Driver License Image


upload image


OK


Cancel

2.8.5.2 Driver Management

 for check driver details.

 for editing driver details.

 delete the driver.

 :choose the driver by the check boxes, batch delete users by group.

Searching by Card No,Name or Telephone is a quicker way to visit items. It supports fuzzy search.

2.9 Alarm Strategy

Fleet

Vehicle

Role

User

Driver

Alarm Strategy

Auto Download

User

Driver

Alarm Strategy

Batch Add

Batch Delete

Device No/Fleet Name

Device No/Fleet Name

Alarm Type

Please Choose Alarm Ty

Search

<input type="checkbox"/>	Operation	Alarm Type	Fleet Name	Device Name	Last Modify Time
<input type="checkbox"/>	<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	Yawn		999909	2021-03-31 10:53:07.0
<input type="checkbox"/>	<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	High Temperature		960105	2021-03-31 10:53:07.0
<input type="checkbox"/>	<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	High Temperature		tb-hdd-056	2021-03-31 10:53:07.0
<input type="checkbox"/>	<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	Input Trigger		960799	2021-03-31 10:53:07.0
<input type="checkbox"/>	<div><div><div></div></div><div><div></div></div><div><div></div></div></div>	Input Trigger		999905	2021-03-31 10:53:07.0

Batch Add Click the Batch Add Icon, the following page will pop up. Choose the Alarm types by the check boxes on the left side. Set Vehicle and Fleet Info, Client Response, Download strategy, Alarm Push Service on the right side.

Add

Alarm Type

☐ ☒ ☐

☐ Video Lost
☐ Motion Detection
☐ Video Cover
☐ Input Trigger
☐ Emergency
☐ Low Speed
☐ Over Speed
☐ Low Temperature
☐ High Temperature
☐ Humidity
☐ Parking Overtime
☐ Vibration
☐ Geo fence
☐ Electronic Route
☐ Illegal Open Door
☐ Storage Error
☐ Fatigue Driving
☐ Fuel Abnormal
☐ ACC Invalid

> Vehicle|Fleet

> Client Response

> Download strategy

> Alarm Push Service

OK

Cancel

Choose the Vehicle, Fleet:

31

Vehicle|Fleet

Vehicle

Dashcam (on truck)

Fleet

TestFleetAdd

Client Response:

Client Response

Lock On Map *

☐ Yes
 ☒ No

Voice Notification *

☐ Yes
 ☒ No

Auto open video *

CH1 ☒

CH2 ☒

CH3 ☐

CH4 ☐

CH5 ☐

CH6 ☐

CH7 ☐

CH8 ☐

CH9 ☐

CH10 ☐

CH11 ☐

CH12 ☐

Download Strategy:

Download strategy

Network Type *

Wired ☐

Wi-Fi ☐

2G ☐

3G ☐

4G ☐

5G ☐

Download Channels *

CH1 ☒

CH2 ☒

CH3 ☐

CH4 ☐

CH5 ☐

CH6 ☐

CH7 ☐

CH8 ☐

CH9 ☐

CH10 ☐

CH11 ☐

CH12 ☐

Number of Failed Download Retries *

10

Time Between Retries *

30

Seconds

Alarm Time Range *

00:00:00 - 23:59:59

Pre Recording *

10

Seconds

Post recording *

20

Seconds

Valid Device Network Type:Cable,Wifi,2G,3G,4G,5G

Video Download Data Type:Video I Frame,Video P Frame,Audio Frame,State Info

Download Video Camera:channel selection

Number Of Failed Download Retries

Time Between Retires:Interval between attempts.(unit:seconds)

Alarm Time Range:start time to end time.


Video Lead Time &Video Later Time (unit:seconds)


Alarm Push Service


Alarm Push Service


Email

Email addr list (Separate with commas):

 for check strategy details.

 for edit strategy details.

 delete the strategy.

 Batch Delete :choose the strategy by the check boxes, batch delete strategy by group.

Searching by Device No,Fleet Name or Alarm Type is a quicker way to visit items. It supports fuzzy search.

Device No/Fleet Name 111 Alarm Type All  Search

2.10 Auto Download

Fleet

Vehicle

Role

User

Driver

Alarm Strategy

Auto Download

Auto Download

Batch Add

Batch Delete

Device No

Device No


Status

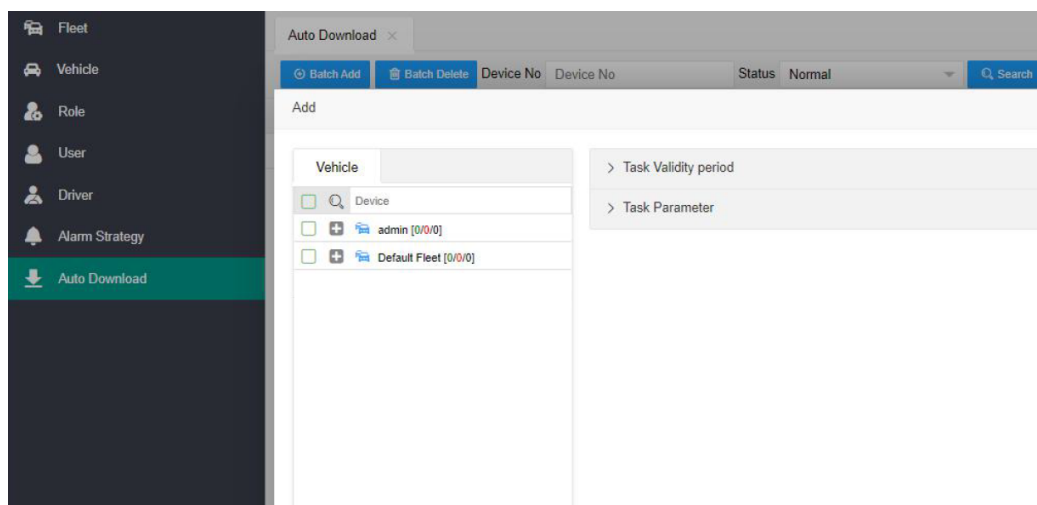
Normal

Search

	Operation	Device No	Device Name	Status	Progress	Resource Time	Priority
	<div>🔄</div> <div>✕</div>	61752	61752	Normal	Wait Device Online		1

2.10.1 Add Auto Download Strategy

 Click the Batch Add Icon, the following page will pop up. Choose the Fleet or Vehicles by the check boxes on the left side. Set Task Validity period and Task Parameter by the left side.



Task Validity period

Task Validity period

Permanent? *

☒ No
 ☐ Yes

Date Range

-

Permanent: Not Permanent/permanent. Just execute one time or permanent. If no permanent, should set the start and end time.

Date Range: The validity of this task.

Task Parameter

Daily execution time Range: The download working time of everyday.

Task plan Type: Only once/ every Day/ weekly/ Monthly.

Resources time Range: The time of recorded file(footage) in HDD or SD card, which need to be downloaded.

Resources in recent days: (0-30) days for option, 0 means today.

Network Type: Available network type for download.

File Type: Normal Video File/ Alarm Video File/ Normal Snap File /Alarm Snap File / Black Box File.

Task Parameter

Daily execution time Range *

-

Task Plan Type

☒ Once only
 ☐ Every Day
 ☐ Weekly
 ☐ Monthly

Resource time Range *

00:00:00 - 23:59:59

Resources in recent days? (0-30) *

1

days

Network Type

Wired ☒

Wi-Fi ☒

2G ☐

3G ☐

4G ☐

5G ☐

Download Channels

CH1 ☒

CH2 ☒

CH3 ☐

CH4 ☐

CH5 ☐

CH6 ☐

CH7 ☐

CH8 ☐

CH9 ☐

CH10 ☐

CH11 ☐

CH12 ☐

File Type

Normal Video File ☒

Alarm Video File ☒

Normal Snap File ☒

Alarm Snap File ☒

Black Box File ☒

For example:

Execute time range: 11:00-18:00


Task plan type: Only once


Resource time: 09:00-09:30


Resource in recent day: 1

This task means: This rule will start to execute at 11:00 to download history (yesterday & today) video file from device, and time range of this history video file is between 09:00 and 09:30 and this rule only can be execute once time, end the rule at 18:00.

2.10.2 Auto Download Strategy Management

 for check strategy details.

 delete the strategy.

 Batch Delete :choose the strategy by the check boxes, batch delete strategy by group.

Searching by Device No or Task State is a quicker way to visit items. It supports fuzzy search.

Device No

Device No

Task State

Normal

Search

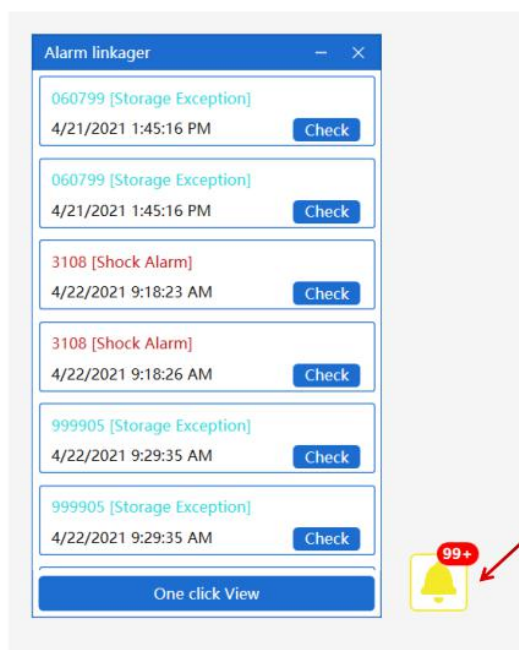
2.10.3 Download

We can see download progress and files in this page.

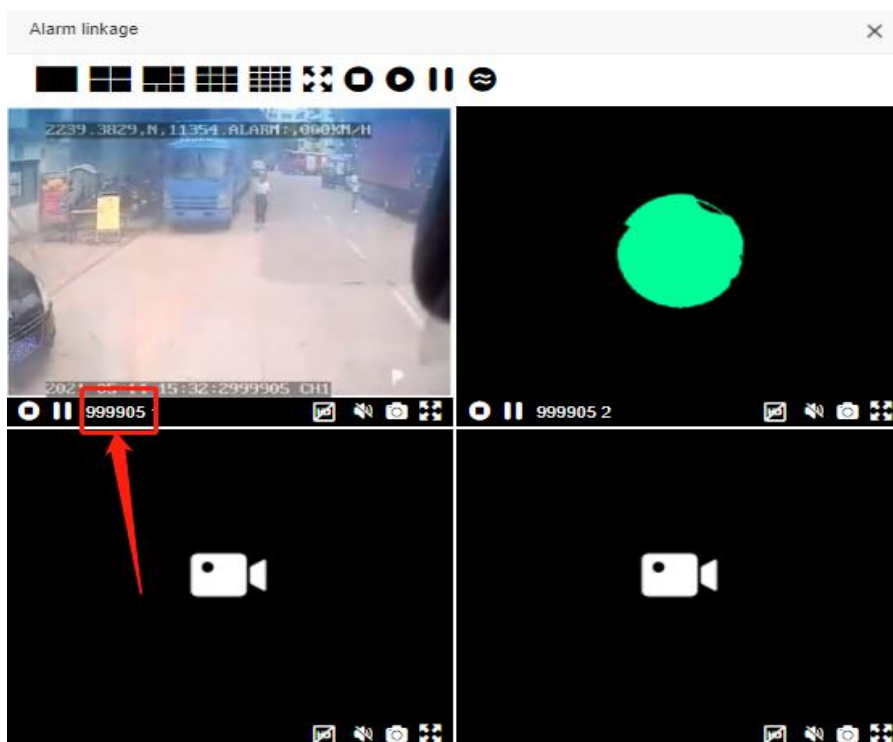
<div> Playback Geo Fence Evidence Report Management Server </div>								
No	Search Devi...	Channel	Status	Resource Start Time	Resource End Time	Time	Progr...	Operation
1	3536610938...	1	Finished	2021-05-14 10:47:00	2021-05-14 10:49:00	2021-05-14 11:16:59	100%	<div>Delete</div> <div>Download</div>
2	HW_AIMDVR	1	Finished	2021-05-11 15:10:00	2021-05-11 15:11:00	2021-05-11 15:21:33	100%	<div>Delete</div> <div>Download</div>
3	HW_AIMDVR	2	Finished	2021-05-11 15:10:00	2021-05-11 15:11:00	2021-05-11 15:21:33	100%	<div>Delete</div> <div>Download</div>

2.11 Alarm

Click the yellow bell icon on the bottom right, it will pop up the Alarm linkage window.



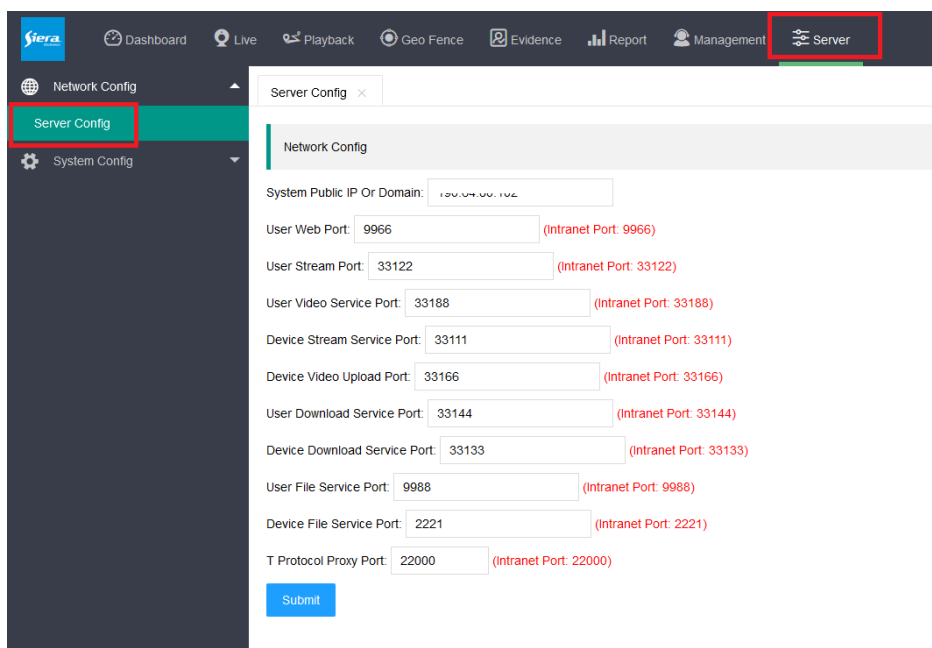
Click the Check button, the Alarm window will show as bellow.



2.12 Server

2.12.1 Server Config

These parameters will be configured when you install server, if there is no need, it is recommended to remain default parameters



2.12.2 System Config

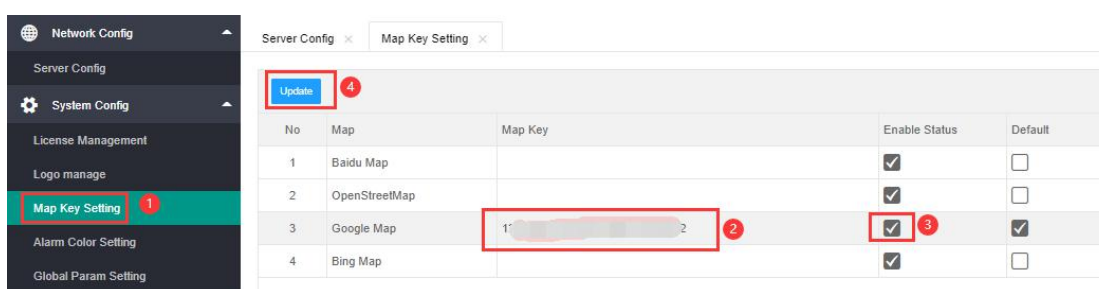
2.12.2.1 Logo Manage

You can customize your own logo and it will display on the left upper corner of web page, please notice the format of logo file is **PNG, the size is 50*50**

2.12.2.2 API Key Setting of Map

If you prefer to use Google map or Bing map, need to input API key on the MOB Server, and you can enter official website of Google map or Bing map's to get the map key.

1. Set the map key.
2. You can enable/disable the Map.
3. Set the default map type.



No	Map	Map Key	Enable Status	Default
1	Baidu Map		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	OpenStreetMap		<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Google Map	1 <input type="text"/> 2	<input checked="" type="checkbox"/> 3	<input checked="" type="checkbox"/>
4	Bing Map		<input checked="" type="checkbox"/>	<input type="checkbox"/>

Google map:

<https://developers.google.com/maps/documentation/javascript/get-api-key>

Bing map:

<https://www.bingmapsportal.com>

2.12.2.3 Alarm Color Setting

MOB Server web supports customization of alarm color.

Set the Default Alarm color: One key quick-start set for all alert one time.

Set the Alarm Color: You can set each alert's color.

For example,

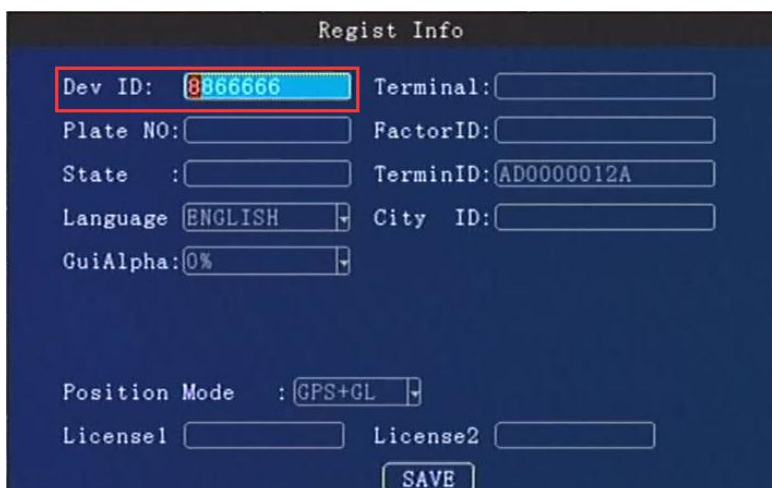
GPS		Event	Alarm	Active Safety Alarm		
No	Operat...	Device No	Fleet	Time	Alarm Type	Begin T
51		4104	ME3408	2021-05-26 17:38:06	Storage Error	2021-0
50		4104	ME3408	2021-05-26 17:38:03	Storage Error	2021-0
49		4104	ME3408	2021-05-26 17:38:00	Storage Error	2021-0
48		4104	ME3408	2021-05-26 17:37:57	Storage Error	2021-0
47		4104	ME3408	2021-05-26 17:37:54	Storage Error	2021-0
46		4104	ME3408	2021-05-26 17:37:51	Storage Error	2021-0

3. Connect the device to MOB Server

3.1 Set a unique ID for MDVR

Please go to MDVR **MENU -- SYSTEM -- REGISTER INFO**

Set a **Device ID** here. This number will be the unique ID to be registered on MOB Server platform. You can use numbers and letters , and the length can be 1 - 12 bits.

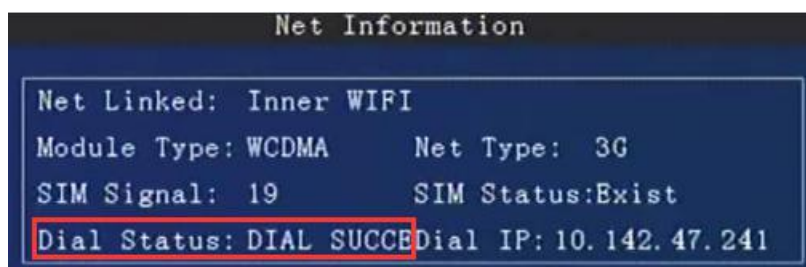


3.2 Install SIM card and setup 3G/4G

We use 3G/4G network to access Internet in general. Install SIM card and connect 3G/4G antenna. Go to MDVR **MENU -- NETWORK -- DIAL SET** . Enable it and set the **APN**. Sometimes, also need input the **User name** and **password**



Please go to MDVR **MENU --INFO -- NEXT** page to check the network connection status, and make sure the Dial status is **success!**



3.3 Add device to MOB Server platform

Refer to [2.7.2 Fleet](#)

Device No. The device ID.

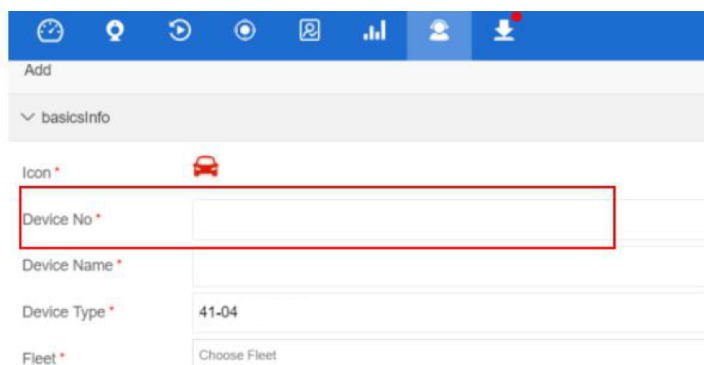
Device Name: You can input plate number.

Device Type: Select one the type.

Audio-video Number: Channels.

Input/Output: Input the as device type.

Click to show more info about device.



3.4 Set server address on MDVR

Please choose **H-Protocol** in **Server 1 or 2** protocol. Go to MDVR **MENU -- NETWORK -- CENTER**.



Server	Protocol	IP	Port	GPS Interval
Server1	H-protocol			15
Server2	H-protocol	192.168.3.74	33000	20
Server3	OFF	192.168.1.103	8000	0
Server4	OFF	192.168.1.103	8000	0

IP : [Your platform's IP address](#). Port: **33000**

Please go to **INFO** page to make sure the server2 is linked after you setup network and server address and port.

```
WIFI Module: Not Exist WIFI SSID:
WIFI Signal:          WIFI IP

SERVER 1 :69.64.39.158:6608 NO LINK
SERVER 2 :192.168.3.74:33000 LINKED
SERVER 3 :192.168.1.103:8000 NO LINK
SERVER 4 :192.168.1.103:8000 NO LINK
```

Then you can check the device on the MOB Server platform.