

MOB Vehicle Service System Platform

Web User Manual

Version: 1.6

Contents

1. Login and Register License	3
2. Functions introduction	3
2.1 Dashboard	4
2.2 Live video	4
2.2.1 Tool Bar	5
2.2.2 Function menu	6
2.2.3 Status Bar	7
2.3 Playback	7
2.3.1 Tool Bar	8
2.3.2 Function menu	
2.4 Geo Fence	9
2.5 Assign the rule	10
2.6 Evidence	11
2.7 Report	15
2.7.1 Alarm report	
2.7.2 Active Safety report	
2.7.3 Online-Offline report	
2.7.4 Mileage report	
2.7.5 Speed Report 2.7.6 Passenger Count	20 22
2.7.7 Driver Report	
2.7.8 Data Usage Report	23
2.7.9 Temp&Humidity report	
2.8.1 Management 2.8.2 Eleet	24 24
2.8.3 Role	
2.8.4 User	
2.8.5 Driver	
2.9 Alarm Strategy	
2.10 Auto Download	
2.10.1 Add Auto Download Strategy	
2.10.2 Auto Download Strategy Management	
2.10.5 Download	
2.17 Alam	
2.12.1 Server Config	
2.12.2 System Config	
3. Connect the device to VSS	
3.1 Set a unique ID for MDVR	
3.2 Install SIM card and setup 3G/4G	40
3.3 Add device to VSS platform	40
3.4 Set server address on MDVR	41



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.

fiera 🕐 Dashboard	오 Live 🛩 Playback 💿 Geo Fence 🛛 Evidence 🔚 Report 🕿 Management 🌫 Server
Metwork Config	Server Config × Logo manage × License Management ×
Server Config	
System Config	Current License Info
License Management	Device Total 10
Logo manage	Due Date 2022-05-25
Map Key Setting	Get License Application Code
Alarm Color Setting Custom alarm audio	Click to Get Application Code 1
Global Param Setting	License Application Code 2 Copy Application Code
Mailbox Setting	Commit And Update Your License Authorization Code 3 - Send the application code to Slera techsupport@sieraelectronics.com
	Input 4
	Submit 5

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

L Tota Device 384	Counter	Fleet 43	8	User 63		Alarm
Device Online Statistics	i2% Cable Offline	Alert trend	10050	9411 1000	4 9175	-O- Alarm
	Wi-Fi	8,000 6,000 4,000 2,000 476 0 0 05-07	220 9 05-08	05-09 Alarm DMS&AD 05-09 05-09 05-1	9,411 as 244 0 05-11	2153 18 426 05-12 05-13
Alarm			Device	alarm ranking		
328 250 250 150 50 50 50 44 50 50 50 44 50 50 50 44	7 4 1	1 1 Christian Energency	300 250 150 100 50	331 43 22 arri gerenti geroov	10 7 7 hen 12355 A1903491	5 4 3 3 10 ⁰²⁴⁰⁹ 1 ^{1250¹⁰² 0⁹²⁵⁰⁹⁹ 0⁹²⁵⁰³}
2 D	evice Statistics					

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



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

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

📀 🔍 Device			0 11 8
111111 [5/1/14]			N122.558296 E:113.946579 000KH/H
🗄 😝 000001	available units		
🛨 🙈 12	for video streaming		
🔁 🙈 2012110	BAG & Q @ E		
🔁 🙈 2012111	■ (0 € 0 =		13 05 2021 01:06:18 CH2
2012112	■		■ 11 20200304 CH2 M I 20200304 CH2
20200304	■ •• • • • • =		
CH1	- click	•	•
CH2			
СНЗ	camera		
CH4	🖪 icon	M 🕺 🖸 👯	M 🖸 🕅



2.2.2 Function menu

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

	20200304	BIA (2⊚≡
	CH1	🝨 Intercom	
	CH2	A Listen () device restart	
	СНЗ	O device reset	
	CH4	Fuel cut off	
	1 🖂 2022	Fuel cut recovery	⊚≣
\checkmark	🚹 🙈 353861093	Power disconnected	⊚≣
	🖸 🙈 7676	F Power recovered	
	C	G-sensor calibration	6=

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

0 2	20200304 CH2			H	• 💿 🕃
GPS	Event	Alarm Ac	tive Safety Alarm		
No	Device No	Fleet	Time	Event Type	
77	000001	111111	2021-05-13 13:32:45	Offline	-
78	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 05:38:58	Online	
73	41903491	Default Fleet	2021-05-13 02:07:11	Offline	
72	000001	111111	2021-05-13 13:32:45	Online	
0	47	.1.			•

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.

сн1	🖌 СН2 🔽 СН3 🗹 🤆	CH4		
13	01:00	02:00	03:00	04:00
4				
-				
-				

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	
Туре	
Polygon	7
Begin Time	
2021-05-13 08:00:00	
End Time	
2021-05-13 21:30:00	
Description	
iest	
Editing Area	(0FF)

Circle



PolyLine



2.5 Assign the rule

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



	Second South
1	speed limit
	Maximum Speed
	Overspeed duration
	Alert the driver when entering the area
,	Alert the platform when entering the area
1	Call the driver out of the area
1	Alarm the platform when leaving the area
	Camera
	Enter the area and turn on the camera
1000	Enter the area and turn off the camera
	Communication module
1	Enter the area to open the communication module
	Enter the area and close the communication module

(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 VSS 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 VSS 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 VSS platform end, then you can query snapshots / video as above:

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

	2	🛞 Batch Add 🔠 Batch Dalada	Device No/Fleet	Name Device No/Fleet Name	e Alarm Type Please Choose Alarm Typ - Q Swardt	
Rola		200		11		
Jser		100				
Driver		Alarm Type		✓ Vehicle Fleet		
		- 13 iE	С,	Valuate	Device	
Saim Strategy		Video Lost		venide		
Auto Download		Motion Detection		Fleet	Fleet	\checkmark
		Input Trigger				
		Emergency		✓ Client Response		
		Low Speed		Lock On Map*	Ves 🖲 Na	
		Low Temperature				
		High Temperature		Voice Notification *	Ves No	
		Parking Overtime		Auto open video *	CH1 🗸 CH2 🗸 CH3 CH4 CH5 CH8 CH7 CH8	
		Vibration			CH19 CH10 CH11 CH12	
	•	Electronic Route				
		Illegal Open Door		✓ Download strategy		
		Storage Error		Network Type *	Wired Wi-Fi 28 36 49 56	
		Fuel Abnormal				
		ACC Invalid		Download Channels*	CH1 V CH2 V CH3 CH4 CH5 CH6 CH7 CH6	

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.

	Storag	ge
Alm Pre Re Alarm Dela Alarm file Alarm file Protect Sw	c: 10 0 y: 10 0 to server protection vitch: CLOSE	-60s) -3600s) : H-FTP - : 0 (Days)
DISK	USAGE	
DISK1	NO 🚽	
DISK2	Record -	
DISK3	NO 🚽	SAVE

		AlarmLink Se	et	
RECORD:	ON R	BUZZE	R:	OFF -
PREMODE:	MODE 1			
REC_LOCK:	СН1 СН2 СН3	сн4		
RECUPLOAD	СН1 СН2 СН3	CH4		
ALARM OUT	OUTDUT2	these tw	vo colu	mn need to
SNAPPIC:	СН1 СН2 СН3	Сн4		
PRECHN:	СН1 СН2 СН3	СН4		
		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.

Then click kiew 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.



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 **U** 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.

Sera 🙆 Operation	n 👰 Livo	€ ≾ Pla	yback 💿 Geo Fence	Evidence	rt 🙎 Management	Server		
OPS GPS	-	GPS De	tails ×					
GPS Details		202	21-05-17 - 202 <mark>1-05-1</mark> 7	Device	~	Q, Scarch		
<u>Alarm</u>	-	No	Device Name 💠	Longitude,Latitude 🖨	Altitude 💠	Time \$	Speed \$	Re-upload 🖨
🞽 Active Safety Alarm	-	1	060101	• 🕲 113.946518,22.5583992	25	2021-05-17 09:42:58	0.00 KM/H	No
1 Online-Offline Report	-	2	060101	113.946518,22.5583973	23	2021-05-17 09:42:48	0.00 KM/H	No
(5) Mileage Report	-	3	060101	• • • 113.946518,22.5584049	22	2021-05-17 09:42:38	0.00 KM/H	No
	-	4	060101	• 3 113.946518.22.5584164	1 20	2021-05-17 09:42:28	0.00 KM/H	No
L ij ruei		5	060101	9 🕲 113.94651,22.5584183	18	2021-05-17 09:42:18	0.00 KM/H	No
 Speed 	-	6	DMS & ADAS Alarm	• 113.946854,22.5587749	9 D	2021-05-17 09:42:16	0.00 KM/H	No
👛 Passenger Count	-	7	060101	• 113.946495,22.5584202	2 16	2021-05-17 09:42:08	0.00 KM/H	No
Driver	-	8	060101	• 113.94648,22.5584259	14	2021-05-17 09:41:58	0.00 KM/H	No
Traffic Flow report	-	9	060101	• 3 113.94648,22.5584164	12	2021-05-17 09:41:48	1.00 KM/H	No
A Temp & Humidity Dang		10	DMS & ADAS Alarm	• • • 113.946854,22.5585728	0	2021-05-17 09:41:46	4.00 KM/H	No
Temp or running repo								

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.



٩	GPS Report	•	GPS De	tails query \times								
G			0 20	021-02-04 - 2021-02-04		eeeea device		A Q Search				
ษ	Alarm Report	*	No	Device No \$	Latit	tude,Longitude \$	Altitude \$	Time \$	Speed \$	Precis	Direct	\$ Satellite
ŭ	DMS And ADAS Report	*	11	999903	•	113.950806,22.5692139	7	2021-02-04 20:21:26	16.00 KM/H	0	158	12
ţ1	Online-Offline Report	-	12	999903	•	113.949959,22.5707817	0	2021-02-04 20:20:55	18.00 KM/H	0	153	12
ভ	Mileage Report	-	13	999903	•	113.950157,22.5709362	1	2021-02-04 20:20:25	32.00 KM/H	0	335	12
	Oil Report	-	14	999903	0	113.951508,22.5686588	5	2021-02-04 20:19:55	38.00 KM/H	0	330	12
			15	999903	0	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 ×								
)2-04	999903		A Search						* * 6
	Latitude,Longitude ≑	Altitude \$	Time \$	Speed \$	Precis	Direct	🕆 Satellites 💠	Io State \$	Urgency \$
	Q 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 D	etails ×								
G	PS Details	1 20	21-05-13 - 2021-05-13	353661093822197	~	Q, Search	Q Search				
ত্র	Alarm 🔻	No	Device Name 👙	Longitude,Latitude 🌣	Altilude 😄	Time 🗢	Speed #	Re-upload #	Reporting time 💠		
ď	Active Safety Alarm 🔹	1	353661093822197	• 113.946747.22.5575943	0	2021-05-13 20:31:52	0.00 km/h	No	2021-05-13 20:31:52		
ţ1	Online-Offline Report 🔹 🔻	2	353661093822197	3 113.946732,22.5576878	0	2021-05-13 20:31:22	0.00 km/h	No	2021-05-13 20:31:22		
3	Mileage Report 🛛 👻	3	353661093822197	♥ ³ 113.946732,22.5576878	0	2021-05-13 20:30:52	0.00 km/h	No	2021-05-13 20:30:52		
		4	353661093822197	오 🖏 113.946732,22.5576878	0	2021-05-13 20:30:21	0.00 km/h	No	2021-05-13 20:30:22		
int)	ruel	5	353661093822197	113.946732,22.5576878	0	2021-05-13 20:29:51	0.00 km/h	No	2021-05-13 20:29:52		
0	Speed *	6	353661093822197	• 113.946732,22.5576878	0	2021-05-13 20:29:21	0.00 km/h	No	2021-05-13 20:29:21		
8	Passenger Count 🔹	7	353661093822197	• 113.946732,22.5576878	0	2021-05-13 20:28:51	0.00 km/h	No	2021-05-13 20:28:51		
ø	Driver 🔻	8	353661093822197	♀ 🖏 113.946732,22.5576878	0	2021-05-13 20:28:21	0.00 km/h	No	2021-05-13 20:28:21		
*	Traffic Flow report	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	9 🖏 113.946732,22.5576878	0	2021-05-13 20:27:21	0.00 km/h	No	2021-05-13 20:27:21		
60	Temp & Humidity Report *	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 I	Details × Alarm Report	i ×				
GPS Details	20	021-05-13 - 2021-05-13	Device	V Alarm	Type Please Cho	ose Alarm Ty; 👻	Q, Search
Alarm	▲ No	Device No \$	Alarm Type 单	Longitude,Latitude +	Alarm Start/End	Speed ≑	Time ©
Alarm Details	1	400207(Dashcam)	Illegal Open Door	113.946533,22.5589504	Alarm Start	0.00 km/h	2021-05-13 20:34:3
Alarm Report	2	999988(999988)	Harsh Acceleration	113.95166,22.5646725	Alarm End	47.00 km/h	2021-05-13 20:33:44
Transferred Alarm	- 3	999988(999988)	Harsh Acceleration	113.95179,22.5646553	Alarm Start	44.00 km/h	2021-05-13 20:33:43
1 Online-Offline Report	- 4	999988(999988)	Harsh Acceleration	3 113.952034,22.5646191	Alarm Start	36.00 km/h	2021-05-13 20:33:42
(S) Mileane Deport	5	999988(999988)	Harsh Acceleration	📀 🖏 113.952034,22.5646191	Alarm End	36.00 km/h	2021-05-13 20:33:42
	6	999988(999988)	Harsh Braking	3 113.952553,22.5648174	Alarm End	14.00 km/h	2021-05-13 20:33:27
💾 Fuel	7	999988(999988)	Harsh Braking	3 113.952553,22.5648575	Alarm Start	20.00 km/h	2021-05-13 20:33:20
Speed	- 8	400207(Dashcam)	Illegal Open Door	3 113.946388,22.5592976	Alarm Start	0.00 km/h	2021-05-13 20:32:31
Passenger Count	- 9	8881111(8881111)	Driver off duty	3 113.947197,22.5586109	Alarm End	0.00 km/h	2021-05-13 20:31:03
G Driver	- 10	400207(Dashcam)	Illegal Open Door	Signature Signatur	Alarm Start	0.00 km/h	2021-05-13 20:30:31
4 T-F F	11	999988(999988)	Harsh Braking	3 113.949371,22.57658	Alarm End	0.00 km/h	2021-05-13 20:29:50
Irathic How report	12	999988(999988)	Harsh Braking	3 113.949371,22.57658	Alarm Start	6.00 km/h	2021-05-13 20:29:49
Temp & Humidity Report	13	999903(999903)	Video Lost	♀ 0.0,0.0	Alarm Start	0.00 km/h	2021-05-13 20:29:13



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 S	Safety Alarm Details ×					
GPS Details	0 20:	21-05-13 - 2021-05-13	Device	V Alarm	Type Please Cho	ose Alarm Ty; 📼	Q, Search
<u>က</u> Alarm –	No	Device No \$	Alarm Type 😄	Longitude,Latitude ¢	Alarm Start/End	speed ≎	Time ¢
Alarm Details	1	8881111(8881111)	Driver off duty	• 113.94706,22.5587406	Alarm End	0.00 km/h	2021-05-13 20:36:03
Alarm Report	2	8881111(8881111)	Driver off duty	113.947197,22.5586109	Alarm End	0.00 km/h	2021-05-13 20:31:03
📸 Active Safety Alarm	. 3	8881111(8881111)	Driver off duty	Q 🖏 113.94709,22.5587273	Alarm End	0.00 km/h	2021-05-13 20:26:03
Active Safety Alarm Details	4	8881111(8881111)	Driver off duty	113.946831,22.5588055	Alarm End	0.00 km/h	2021-05-13 20:21:03
Active Safety Alarm Report	5	8881111(8881111)	Driver off duty	113.946953,22.5585327	Alarm End	5.00 km/h	2021-05-13 20:16:03
1 Online-Offline Report	6	8881111(8881111)	Driver off duty	113.947311,22.5586967	Alarm End	6.00 km/h	2021-05-13 20:11:03
	7	8881111(8881111)	Driver off duty	113.946915,22.5585213	Alarm End	6.00 km/h	2021-05-13 20:06:03
Mileage Report	8	8881111(8881111)	Driver off duty	113.946976,22.5585403	Alarm End	0.00 km/h	2021-05-13 20:01:03
🔛 Fuel 🔻	9	8881111(8881111)	Driver off duty	🝳 🖏 113.94696,22.5586624	Alarm End	0.00 km/h	2021-05-13 19:56:03
🖓 Speed 🔻	10	8881111(8881111)	Driver off duty	113.94664,22.5590935	Alarm End	0.00 km/h	2021-05-13 19:51:03
🖀 Passenger Count 🔹	11	8881111(8881111)	Driver off duty	113.946762,22.5584412	Alarm End	0.00 km/h	2021-05-13 19:46:03
O Driver	12	8881111(8881111)	Driver off duty	113.946716,22.5585785	Alarm End	0.00 km/h	2021-05-13 19:41:03
	13	8881111(8881111)	Driver off duty	🝳 🖏 113.946846,22.558424	Alarm End	0.00 km/h	2021-05-13 19:36:03
→ Traffic Flow report	14	8881111(8881111)	Driver off duty	113.946632,22.5583782	Alarm End	0.00 km/h	2021-05-13 19:31:03
👃 Temp & Humidity Report 🔻	15	8881111(8881111)	Driver off duty	• 113.946571,22.5584488	Alarm End	0.00 km/h	2021-05-13 19:26:03



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.

🐣 GPS 🖌	Onlin	ne-Offline Details query 🛛 🕹						
GPS Details	0	2021-05-13 - 2021-05-13	Device		V Q Search			
🚹 Alamı 🖌	No	Device No 👙	Access Mo.	Login time 😄	Login location #	Logout time 😄	Logout location +	Online duration =
Alarm Details	1	999905(999905)	4G	2021-05-13 20:39:37				00:00:00
Alarm Report	2	999909(999909)	4G	2021-05-13 20:39:28				00:00:00
👻 Active Safety Alarm 🗕	3	999903(999903)	4G	2021-05-13 20:29:36	Q 114.385155,22.7192554	2021-05-13 20:31:43	• 114.385155,22.7192554	00:02:07
Active Safety Alarm Details	4	415001(415001)	Wi-Fi	2021-05-13 20:25:38				00:00:00
Active Safety Alarm Report	5	999903(999903)	4G	2021-05-13 20:16:09	114.385155,22.7192554	2021-05-13 20:18:16	Q 114.385155,22.7192554	00:02:07
1 Online-Offline Report	6	8888882(8888882)	40	2021-05-13 20:15:47	• -83.7270126,42.2245064	2021-05-13 20:21:56	• -83.7270126,42.2245064	00:06:09
Online.Offine Details merv	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
Online rate report	9	060799(060799)	Wi-Fi	2021-05-13 19:36:28				00:00:00
Long time offine report	10	400207(Dashcam)	3G	2021-05-13 19:34:56	Q 113.946686,22.5587044		Q 113.946636,22.5587044	00:09:15



2.7.3.2 Online rate report

🛃 GPS	Long time offline report × Online r	ate report ×	
GPS Details	2021-05-13 - 2021-05-13	223654 D. Reven	
Alarm 4	202100-13-202100-13	123634	
Alarm Details	175.2		
Alarm Report	100 %		
📸 Active Safety Alarm			2021-05-13
Active Safety Alarm Details			• 123654 53.85
Active Safety Alarm Report	80 %		
1 Online-Offline Report			
Online-Offline Details query			
Online rate report			
Long time offline report	60 %		53,85 %
🕥 Mileage Report			
🔛 Fuel 🗖			
Speed	40 %		
📇 Passenger Count 🔹			
O Driver			
At Traffic Flow report			
······································	20 %		
iemp & Huthidity Report	1		
	0%,		
			2021-05-13

2.7.3.3 Long time offline report

Input a hours number to check long time offline devices.

GPS Details	Offline	e time > 10	Hour	D, Search	
<u>ß</u> Alarm	▲ No	Device Name 👙	Last Online Time 💲	Last Offline Time 💲	Longitude,Latitude 💠
Alarm Details	1	41903490	2021-05-13 10:06	2021-05-13 10:07	Q ≥ 0,0
Alarm Report	2	20210202	2021-05-12 18:30	2021-05-13 09:02	o 🕲 0,0
🛉 Active Safety Alarm	▲ 3	hew	2021-05-13 05:57	2021-05-13 06:03	
Active Safety Alarm Details	4	01998	2021-05-12 21:20	2021-05-12 21:22	
Active Safety Alarm Report	5	4104	2021-05-12 10:38	2021-05-12 13:50	Q 🖏 113.946533,22.5582619
1 Online-Offline Report	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
Unline-Omline Details query	8	019980005	2021-05-11 15:58	2021-05-11 15:58	
Online rate report	9	019980001	2021-05-11 15:57	2021-05-11 15:57	
Long time offline report	10	31088	2021-05-11 09:38	2021-05-11 09:54	3 113.946404,22.5582638



2.7.4 Mileage report

2.7.4.1 Mileage details query

🕰 GPS	Mileage	Mileage Details query \times							
GPS Details	0 20	21-05-13 - 2021-05-13	HW_AIMDVR	~ Q	Search				
Alarm	▲ No	Device No \$	Mileage @	Total Mileage @	Time 🌣				
Alarm Details	1	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:53:19				
Alarm Report	2	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:52:49				
📺 Active Safety Alarm	▲ 3	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:52:19				
Active Safety Alarm Details	4	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:51:49				
Active Safety Alarm Report	5	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:51:19				
1 Online-Offline Report	6	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:50:49				
Online Office Details guess	7	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:50:19				
Online-Online Details query	8	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:49:48				
Online rate report	9	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:49:18				
Long time offline report	10	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:48:48				
S Mileage Report	1 1	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:48:18				
Mileage Details query	12	8888881(AIMDVR)	9729390m	9729390m	2021-05-13 20:47:48				
Mileage Details Report	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 Sp	eed Details								
G	SPS Details		1 20	21-05-14 - 2021-05-14	888000	^	Speed(KM/H) > 60	1	Q, Search		4	8
ভ	Alam		No	Device No 😄	Longitude,Latitude 😄	Altitude 💠	Time 🗢	Speed ©	Precision \$	Direct #	Satellites 💠	IO Status
Ť	Active Safety Alarm		1	888000	• -1.20847833,52.6233749	99	2021-05-14 04:36:45	85.00 km/h	0	153	11	0
ţ1	Online-Offline Report		2	888000	• -1.21287658,52.6294174	103	2021-05-14 04:36:15	86.00 km/h	0	156	11	0
ତ	Mileage Report		З	000888	• -1.21750498,52.63554	93	2021-05-14 04:35:45	91.00 km/h	0	150	11	0
	Fuel	-	4	888000	• -1.22313499,52.6411667	90	2021-05-14 04:35:14	82.00 km/h	0	147	11	0
	ruei		5	888000	• -1.23029995,52.6472549	86	2021-05-14 04:34:44	127.00 km/h	0	139	11	0
0	Speed	•	6	888000	• -1.2416383,52.6538353	103	2021-05-14 04:34:14	127.00 km/h	0	127	10	0
) (Wer Speed Details		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 -	• Ove	Over Speed ×									
G	PS Details	Ø	2021-04-14 - 2021-05-14	Device	5	~ Q	Search					
ভ	Alam	N	Device No 👙		Longitude,Latitude ≑	Alarm Start/End	Speed ⊕	Time 💠				
ŭ	Active Safety Alarm	- 1	dashcam-test(Dashcam (on	truck))	• 113.915276,22.5759258	Alarm End	80.00 km/h	2021-04-22 00:27:18				
îl	Online-Offline Report	- 2	dashcam-test(Dashcam (on	truck))	• 113.915138,22.5760784	Alarm Start	80.00 km/h	2021-04-22 00:27:17				
3	Mileage Report	- 3	dashcam-test(Dashcam (on	truck))	• 113.914848,22.5763817	Alarm End	80.00 km/h	2021-04-22 00.27.15				
	Fuel	4	dashcam-test(Dashcam (on	truck))	9 113.903671,22.5883656	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				
()	Speed -	6	dashcam-test(Dashcam (on	truck))	• 113.891403,22.5991974	Alarm Start	81.00 km/h	2021-04-22 00:24:43				
0	ver Speed Details	7	dashcam-test(Dashcam (on	truck))	• 113.891235,22.5993156	Alarm End	80.00 km/h	2021-04-22 00:24:42				
0	ver Speed	8	dashcam-test(Dashcam (on	truck))	9 113.87915,22.6122189	Alarm Start	81.00 km/h	2021-04-22 00:23:20				

æ	GPS 🔺	Low Sp	peed report 兴					
G	PS Details	(<u>)</u> 20	021-04-14 - 2021-05-14	Dashca	am (on truck)	v Q	Search	
ত	Alarm 👻	No	Device No 👙		Longitude,Latitude 👙	Alarm Start/End	♦ Speed ♦	Time 🔹
Ť	Active Safety Alarm 🗸	1	dashcam-test(Dashcam (on tr	ruck))	• 113.952271,22.565773	Alarm Start	41.00 km/h	2021-04-22 00:39:59
t↓	Online-Offline Report 🛛 🔫	2	dashcam-test(Dashcam (on tr	ruck))	9 113.951378,22.5681057	Alarm End	42.00 km/h	2021-04-22 00:39:37
3	Mileage Report 🔹 👻	3	dashcam-test(Dashcam (on tr	ruck))	• 113.949371,22.5713024	Alarm Start	40.00 km/h	2021-04-22 00:38:24
	E	4	dashcam-test(Dashcam (on tr	ruck))	• 113.944405,22.5712605	Alarm End	43.00 km/h	2021-04-22 00:37:48
	1 491	5	dashcam-test(Dashcam (on tr	ruck))	• 113.94265,22.5712833	Alarm Start	41.00 km/h	2021-04-22 00:37:00
0	Speed A	6	dashcam-test(Dashcam (on tr	ruck))	• 113.937889,22.5713615	Alarm End	44.00 km/h	2021-04-22 00:36:23
C	over Speed Details	7	dashcam-test(Dashcam (on tr	ruck))	• 113.936226,22.5712376	Alarm Start	38.00 km/h	2021-04-22 00:35:32
C	Ver Speed	8	dashcam-test(Dashcam (on tr	ruck))	9 113.93541,22.5712585	Alarm End	41.00 km/h	2021-04-22 00:35:25
L	ow Speed report	9	dashcam-test(Dashcam (on tr	ruck))	9 113.933815.22.5713234	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 A	Acceleration Report $ imes$				
G	PS Details		0 20	21-04-14 - 2021-05-14	Device	~	Q Search	
ত্র	Alam	•	No	Device No 🌩	Longitude,Latitude 🌲	Alarm Start/End	¢ Speed ≎	Time 🜲
Ť	Active Safety Alarm	•	1	999988(999988)	• 113.95166,22.5646725	Alarm End	47.00 km/h	2021-05-13 20:33:44
t↓	Online-Offline Report	•	2	999988(999988)	• 113.95179,22.5646553	Alarm Start	44.00 km/h	2021-05-13 20:33:43
6	Mileage Report	•	3	999988(999988)	113.952034,22.5646191	Alarm Start	36.00 km/h	2021-05-13 20:33:42
	Eucl	-	4	999988(999988)	9 113.952034,22.5646191	Alarm End	36.00 km/h	2021-05-13 20:33:42
	rue		5	999903(999903)	• 114.385155,22.7192554	Alarm End	0.00 km/h	2021-05-13 20:17:31
O	Speed	•	6	999903(999903)	• 114.385155,22.7192554	Alarm Start	0.00 km/h	2021-05-13 20:17:29
O	ver Speed Details		7	999988(999988)	• 113.995079,22.5927658	Alarm End	46.00 km/h	2021-05-13 20:17:28
0	ver Speed		8	999988(999988)	9 113.995193,22.5928097	Alarm Start	39.00 km/h	2021-05-13 20:17:27
Lo	w Speed report		9	999988(999988)	• 113.990807,22.5909023	Alarm End	66.00 km/h	2021-05-13 19:59:19
Ha	arsh Acceleration Report		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	A Harsh B	Braking report \times					
GPS Details	20	21-04-14 - 2021-05-14		Device		V Q Set	arch
<u>Alarm</u>	- No	Device No \$	Lon	gitude,Latitude 👙	Alarm Start/End	t Speed ≑	Time \$
The Active Safety Alarm	• 1	999988(999988)	•	113.952553,22.5648174	Alarm End	14.00 km/h	2021-05-13 20:33:27
1↓ 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
	4	999988(999988)	0	113.949371,22.57658	Alarm Start	6.00 km/h	2021-05-13 20:29:49
	5	999988(999988)	0	113.999405,22.5950832	Alarm End	10.00 km/h	2021-05-13 20:02:54
Speed	6	999988(999988)	•	113.999329,22.5949917	Alarm Start	27.00 km/h	2021-05-13 20:02:52
Over Speed Details	7	999988(999988)	•	113.99926,22.5949421	Alarm End	37.00 km/h	2021-05-13 20:02:51
Over Speed	8	999988(999988)	•	113.999161,22.5948772	Alarm Start	46.00 km/h	2021-05-13 20:02:50
Low Speed report	9	999988(999988)	•	113.927399,22.5461311	Alarm End	13.00 km/h	2021-05-13 19:43:26
Harsh Acceleration Report	10	999988(999988)	•	113.927391,22.5460949	Alarm Start	18.00 km/h	2021-05-13 19:43:25
Harsh Braking report	11	999988(999988)	0	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 VSS 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.

٩	GPS	•	Data	Traffic ×							
e	iPS Details		10	2021-04-14 - 2021-05-1	4 HW_AIMDVR	1	~ 1	raffic Flow Type Monitor	Traffic Flow di	rection	4 11 0
ß	Alarm	•	Upw	ard	Access Mode All	200	👻 🔍 Search		-		
Ť	Active Safety Alarm	•	No	Device No 😄	Device Name 💠	Traffic Flo	Traffic Flow Type 👙	Data consumption (MB) 🜩	Access Mode 👙	Reporting time 💠	Consumption time
11	Online-Offline Report	•	1	8888881	HW_AIMDVR	Upward	Monitor	12.8414621353	Wi-Fi	2021-05-11 19:45:41	2021-05-11 19:45:41
45	Million Doored		2	8888881	HW_AIMDVR	Upward	Monitor	10.8884820938	Wi-Fi	2021-05-11 19:45:42	2021-05-11 19:45:41
0	мнеаде кероп		3	8888881	HW_AIMDVR	Upward	Monitor	10.8881082535	WI-FI	2021-05-11 19:45:41	2021-05-11 19:45:41
	Fuel	*	4	8888881	HW_AIMDVR	Upward	Monitor	10.8323945999	WI-FI	2021-05-11 19:45:41	2021-05-11 19:45:41
Ø	Speed	-	5	8888881	HW_AIMDVR	Upward	Monitor	10.8302154541	WI-FI	2021-05-11 19:45:42	2021-05-11 19:45:41
8	Passenger Count		6	8888881	HW_AIMDVR	Upward	Monitor	7.8336277008	WI-FI	2021-05-11 19:33:30	2021-05-11 19:33:29
F	assenger Count Details		7	8888881	HW_AIMDVR	Upward	Monitor	6.5761547089	WI-FI	2021-05-11 19:33:30	2021-05-11 19:33:29
F	assenger Count Report		8	8888881	HW_AIMDVR	Upward	Monitor	6.5754022598	WI-FI	2021-05-11 19 33 30	2021-05-11 19:33:29
6	Driver		9	8888881	HW_AIMDVR	Upward	Monitor	6.5632696152	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
9			10	8888881	HW_AIMDVR	Upward	Monitor	6.5618658066	Wi-Fi	2021-05-11 19:33:30	2021-05-11 19:33:29
E	river Attendance Details		11	8888881	HW_AIMDVR	Upward	Monitor	4.5634965897	Wi-Fi	2021-05-11 19:45:42	2021-05-11 19:45:41
*	Traffic Flow report	•	12	8888881	HW_AIMDVR	Upward	Monitor	3.6523990631	Wi-Fi	2021-05-11 14:59:10	2021-05-11 14:59:10
۵	lata Traffic		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

🐣 GPS 🔺	Data	Traffic Exceed Repo	rt ×				
GPS Details	0	2021-04-14 - 2021-0	5-14 Device		Threshold	50	Q, Search
🗿 Alarm 🔫	No	Device No 🗢	Device Name 😄	Daily flow limit(MB) \$	Daily consumption fl	Time 💠	
📸 Active Safety Alarm 👻	а. Т	000001	000001	50	2116.2800054550	2021-05 <mark>-1</mark> 2	
🗍 Online-Offline Report 🗸 🗸	2	01998	01998	50	117.8349561691	2021-04-28	
 Mileage Report 	3	060101	060101	50	116.6332263947	2021-04-28	
	4	060799	060799	50	57.6269187927	2021-05-11	
	5	060799	060799	50	262.6555242538	2021-05-08	
 Speed 	6	060799	060799	50	167.8059282303	2021-05-03	
📇 Passenger Count 🔺	7	060799	060799	50	54.0674200058	2021-04-30	
Passenger Count Details	8	123654	123654	50	124.3540992737	2021-05-14	
Passenger Count Report	9	123654	123654	50	1139.3293180466	2021-05-13	
🚱 Driver 🔺	10	333555	333555	50	104.4702301025	2021-05-07	
Driver Attendance Details	11	400207	Dashcam	50	69.2113895416	2021-05-11	
At Traffia Elaur ranart	12	800802	800802	50	209.8035364151	2021-05-11	
	13	800802	800802	50	261.6953353882	2021-05-10	
Data Traffic	14	800802	800802	50	56.5300092697	2021-04-30	
Data Traffic Exceed Report	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 VSS.

2.8 Management

2.8.1 Management

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

Şie	77.72 🕐 Operation	Q Live	الحو	Playback 🧿 Ge	eo Ferice	e 🛛 Evidence	.iul Report 🙎 Man	agement 🖉 S	arver			± ¢	🐣 admin 🗸
14	Fleet		Vehic	se ×									
۵	Vehicle		(i) A	dd Vehicle 🛞 Bal	ich Add V	ehicle 🔿 Import Ve	hicle 🖉 Export Vehicle	L ^e Export Templ	ate 😑 Batch Del	Heet Fleet		~	8
20	Rola		Devic	ce Name Device 1	Name	Q, Sea	ch (
٨	User			Operation	Icon	Device Name 💠	Device No \$	Fleet \$	Plate No 💠	Vehicle Type 🔅	Chassis No 🔅	Last Online Time 💠	Last Offline Time 💠 Is
*	Driver			6 / X	-	000001	000001	111111		A1		2021-05-14 10:56	2021-05-14 10:56
-	Alarm Strategy			X	8	00771	0077	xavar		A1.		2020-12-01 10:07	2020-12-01 10:07
	Aires Download			6 / X		010101	010101	Default Fleet		A1		2021-03-16 14:33	2021-03-16 14:35
-	Auto Liowinioad			6 / X		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.



Ştera	Operation	Q Live	୧୦୦୦ Playback	Geo Fence	R Evidence	.I. Report		Server
n Fi	eet		Fleet ×					
🚗 Ve	hicle		④ Add Fleet					
26 R	ble		Operation	Fleet			Contacts	
<u> </u>	ser		E / X	🔻 👗 BI				

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

Add		×
Fleet Name *	Fieet_Test	
Parent Fleet	VSS	~~~
Contacts		

check 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.

🛱 Fleet	Vehicle ×						
🚔 Vehicle	Add Vehicle	Batch Add Vehicle	🗅 Import Vehicle	Le Export Vehicle	ピ Export Template	Batch Delete	Fleet

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	x
✓ Basic Info	
Icon *	A
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

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.



\vee Traffic Flow setting		
-1: unlimited, 0: global defa	ult, >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.

1-10, equipment such as ft010001, ft010002 Will be created 800802 1 ~ 5 MOB 8014 Fleet	*
1-10, equipment such as ft010001, ft010002 Will be created 800802 1	
800802 1 ~ 5 MOB 8014 Fleet	·
1 ~ 5 MOB 8014	*
MOB 8014	*
Fleet	
la como de la	~
4	
1	
2	
2	
CH1;CH2;CH3;CH4	
Streaming	~
	4 1 2 2 CH1;CH2;CH3;CH4 Streaming

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.

ピ Export Template

e :export the template to excel file.

Batch Delete :delete batch selected vehicles



:edit vehicle details.

× :delete selected vehicle.



2.8.3 Role

Şiera	Operation Q Live	ಆ Playback	Geo Fence	R Evidence	.I. Report	오 Management	616
🛱 Fleet		Vehicle ×	Role ×				
🚗 Vehicle		Add Role	Batch Delete R	ole Name Role Na	ime	Q, Search	
🔏 Role		Ope	ration Role Na	me 🌲			

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.

Role Name*			
Module Permissions		Fleet Permissions	
	\mathbb{Q}_{q}		$\mathbb{Q}_{\mathbf{s}}$
- Vidence		- BI	
- Monitor		- Bsmart	
- 🧹 Geo Fence		- Default Fleet	
- Add		- Joranda	
- V Delete		- MAT	
- V Query		- Hank	
- Vpdate		- Frotcom intelligent	
- V Playback		- kevin	
- Keport		AF	
- Online-Offline Report		- Australia NS	
- Mileage Report		- AXIS	
- Alarm		- BAH	
- V Fuel		BGT	
- GPS		- CDT	
- Active Safety Alarm		- CM	
Driver			
Chood	-		-

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

2. Batch Delete Users

Select particular users, then click Batch Delete.



陶	Fleet	Veh	icle × Role	×	
8	Vehicle	۲	Add Role 📋 Bate	ch Delete Role Name test Q s	earch
&	Role		Operation	Role Name 💠	
8	User			TEST	
2	Driver		E 🖊 🗙	Test-02	
	Alarm Stratom		E. 🗡 🗙	testRebort1	
	Alam Sualegy		E / X	Test_GPS1	

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

Or 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.

 \mathbf{x} 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	Q Search	
------	------	----------	--



2.8.5 Driver

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

宿 Fleet	User × Driver >			l						
🖨 Vehicle	() Add Driver 🗎 Bab	ch Delete Card No/Nam	e/Telephone Card No	Name/Telephone	Q, Search					4 11 3
🚴 Role	Operation	Driver Name 💠	Fleet ¢	Gender ¢	Driver Card No. +	Driver License No 👙	ID ¢	Telephone \$	Email \$	Birth Date 💠
💄 User		Ben	afun	Male	12	1232342413423	123242134213	123456		2021-03-27
💄 Driver		xav	Show-room	Male	4c09b254			15770574975		
🔔 Alarm Strategy		afun	Default Fleet	Male	001002			123456789		
Auto Download		12	Ben	Female	123			13213		
		1	111111	Male	1			123		
		test_dlt	ME3408	Male	14			159868748527		
		12	152	Female	23214			214314		

2.8.5.1 Add Driver

^(a) 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	Upload Driver Face Image
Gender*	Male -	upload image
Card No. *	1223456	
Fleet*	TestFleetAdd 🗸 🗸	
Phone *	16654782480	
Email		Upload Driver License Image
ID	1100	upload image
Driver License No	5578986	
Birth Date		

OK Cancel

2.8.5.2 Driver Management

Ē	for check driver details.
	for editing driver details.
×	delete the driver.

Batch Delete :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

Add

🔂 Fleet	User × Driver × Alarm Strategy ×		
😝 Vehicle	O Batch Add 🖹 Batch Delete Device No/Fleet Name Device	No/Fleet Name Alarm Type Please Choose Alarm Typ = Q Search	
🚴 Role	Cperation Alarm Type \$	Fleet Name \$	Last Modify Time 💠
🐣 User	Tawn	999909	2021-03-31 10:53:07.0
👗 Driver	High Temperature	060105	2021-03-31 10:53:07.0
🐥 Alarm Strategy	High Temperature	tb-hdd-056	2021-03-31 10:53:07.0
. Auto Developed	🛛 🔽 🗶 Input Trigger	060799	2021-03-31 10:53:07.0
Y Add Download	Ea 🖌 🗙 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.

m Type		> Vehicle Fleet	
	O,	> Client Response	
Video Lost		> Download strategy	
Motion Detection			
Video Cover		> Alarm Push Service	
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			

Choose the Vehicle, Fleet:



∨ Vehicle Fleet		
Vehicle	Dashcam (on truck)	\sim
Fleet	TestFleetAdd	~

Client Response:

✓ Client Response					
Lock On Map *	🔿 Yes 🌘	No No			
Voice Notification *	🔿 Yes (No No			
Auto open video *	CH1 🗸	CH2 🗸	CH3	CH4	CHS
	CH6	CH7	CH8	CH9	CH10
	CH11	CH12			

Download Strategy:

· Download sharegy				
Network Type *	Wired Wi-F	1 2G	3G	4G
Download Channels *	сн1 🗸 сн2	🗸 СНЗ	CH4	CH5
	CH6 CH7	CH8	CH9	CH10
	0000			
Number of Failed Download Time Between Retries *	Retries* 10	Seconds		
Number of Failed Download Time Between Retries * Alarm Time Range *	Retries * 10 30 00:00:00 - 23:59:59	Seconds		
Number of Failed Download Time Between Retries * Alarm Time Range * Pre Recording *	Retries * 10 30 00:00:00 - 23:59:59 10	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



\checkmark Alarm Push Service	
Email	
	Email addr list (Separate with commas):
for check strategy deta	ils.
for edit strategy details	
delete the strategy.	
Batch Delete :choose the str	ategy by the check boxes, batch delete strategy by group.
Searching by Device No,Flee supports fuzzy search.	t Name or Alarm Type is a quicker way to visit items. It

Device No/Fleet Name	111	Alarm Type	All	Q Search
----------------------	-----	------------	-----	----------

2.10 Auto Download

1	Fleet	Auto	o Down	load >	< l						
A	Vehicle	۲	Batch Ac	id 1	Batch Detete Device No	Device No		Status No	mal	Q, Search	
20	Role		Ope	ration	Device No 👙	Device Name 💠	Status	÷	Progress \$	Resource Time 💠	Priority \$
8	User		E	×	61752	61752	Normal		Wait Device Online		1
*	Driver										
	Alarm Strategy										
₹	Auto Download										

2.10.1 Add Auto Download Strategy

Batch Add 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.



角	Fleet	Auto Download ×			
æ	Vehicle	Batch Add Batch Delete Device No	Device No	Status Normal	👻 🔍 Search
20	Role	Add			
	User	Vehicle	> Task Validi	ty period	
*	Driver	Q Device	> Task Parar	meter	
۰	Alarm Strategy	🔲 🖪 🚘 admin [0/0/0]			
₹	Auto Download	Default Fleet [0/0/0]			

Task Validity period

\sim 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 Cevery Day Weekly Monthly
Resource time Range *	00:00:00 - 23:59:59
Resources in recent days? (0	l-30)* 1 days
Network Type	Wired Vi-Fi V 2G 3G 4G
Download Channels	CH1 V CH2 V CH3 CH4 CH5
	CH6 CH7 CH8 CH9 CH10
File Type	Normal Video File Video File 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

(m)	for abook	atratagy	dataila
LQ	IOI CHECK	suategy	uetalis.

X 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	Q Search
-----------	-----------	------------	--------	----------



2.10.3 Download

We can see download progress and files in this page.

Play کی	/back 🛈 Geo F	ence 🛛 E	ividence	Report Stanagement	Server	3		
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%	Delete Download
2	HW_AIMDVR	1	Finished	2021-05-11 15:10:00	2021-05-11 15:11:00	2021-05-11 15:21:33	100%	Delete Download
3	HW_AIMDVR	2	Finished	2021-05-11 15:10:00	2021-05-11 15:11:00	2021-05-11 15:21:33	100%	Delete Download

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

fiera 🕑 Dashboard 오 Liv	e 🐸 Playback 💿 Geo Fence 🛛 Evidence 🔒	🖬 Report 🛛 🕭 Management 🏾 🌫 Server
Network Config	Server Config \times	
Server Config	Network Config	
	System Public IP Or Domain: 190.04.00.102	Port: 0056)
	User Stream Port: 33122 (Intran	net Port: 33122)
	User Video Service Port: 33188	(Intranet Port: 33188)
	Device Video Upload Port: 33166	(Intranet Port: 33166)
	User Download Service Port: 33144	(Intranet Port: 33144)
	User File Service Port: 9988 (Ir	(intranet Port: 33133) Intranet Port: 9988)
	Device File Service Port: 2221	(Intranet Port: 2221)
	T Protocol Proxy Port: 22000 (Intranet Port: 220 Submit	000)



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 VSS, 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.

🜐 Network Config 🖌	Server Co	nfig 🛛 Map Key Setti	ing ×				
Server Config							
🗳 System Config 🖌	Update						
License Management	No	Map	Map Key			Enable Status	Default
Logo manage	1	Baidu Map					
Map Key Setting	2	OpenStreetMap					
Alarm Color Setting	3	Google Map	r	2	0	3	
Global Param Setting	4	Bing Map				\checkmark	

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

VSS 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	Eve	ent 📍	Alarm	Active Safet	y Alarm		
No	Operat	Device N	10	Fleet	Time	Alarm Type	Begin T
51	•	<mark>4</mark> 104		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	0	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	0	4104		ME3408	2021-05-26 17:37:51	Storage Error	2021-0

3. Connect the device to VSS

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 VSS platform. You can use numbers and letters , and the length can be 1 - 12 bits.



R	egist Info
Dev ID: <mark>88666666</mark>	Terminal:
Plate NO:	FactorID:
State :	TerminID: AD0000012A
Language ENGLISH	City ID:
GuiAlpha:0%	Ð
Position Mode : GPS	+GL -
Licensel	License2
	SAVE

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**

APN : <u>Sgnet</u> CenterNo: <u>*99</u> # Username: <u>Card</u> Password: <u>Card</u>	Enable NetType	ON CONCENTRATION	
CenterNo: 1*99# Username: Card Password: Card	APN	:3gnet	
Username: card Password: card	CenterNo	:(*99#	
Password: card	Username	:[card	
	Password	l:[card	

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

	Net	Information
Net Linked:	Inner	WIFI
Module Type:	WCDMA	Net Type: 3G
SIM Signal:	19	SIM Status:Exist
Dial Status:	DIAL S	SUCCEDial IP: 10. 142. 47. 241

3.3 Add device to VSS platform

Refer to <u>2.7.2 Fleet</u> **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.

Ø 🧕	Э	0	Ø	ad	2	±	
Add							
✓ basicsInfo							
Icon *	6	è					
Device No*							
Device Name *							
Device Type *	4	1-04					
Fleet*	C	hoose Flee	t				

3.4 Set server address on MDVR

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

Server1	Pro(H-protoco)	GPS	Interval: 1
IP1:			Port:
Server2	Pro H-protoco	GPS	Interval: 2
IP2:	(192, 168, 3, 74		Port: 3
Server3	Pro OFF	GPS	Interval: 🚺
IP3:	192. 168. 1. 103		Port: 8
Server4	Pro OFF	GPS	Interval: []
IP4:	192. 168. 1. 103		Port: 8

IP : <u>Your platform's IP address</u>. Port: **33000**

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



WIFI M	odi	ule: Not	Exist W	1111	SSID	140
WIFI S	ig	nal:	W	IFI	IP	
SERVER	1	:69.64.3	39.158:	6608	NO I	LINK
SERVER	2	:192.168	3. 3. 74:	33000	LI	NKED
SERVER	3	:192.168	8. 1. 103	: 8000) NO	LINK
SERVER	4	:192.168	3. 1. 103	: 8000	NO NO	LINK

Then you can check the device on the VSS platform.