Dear users, functional setting of this software requires some expertise. Therefore, please carefully read and fully understand the instruction before use.



# Intelligent Vehicle Monitoring System(IVMS Client)

# **Operating Manual V2.1**





Thank you for choosing MJGT IVMS. Difference between software upgrading may result in features different from those described in the instruction, so Information contained herein is subject to irregular change without prior notice.



# Notes

Dear customer, because the software function more professional, in order to ensure that you use this product correctly, to avoid danger or damage to property. Before using this product, please read this instruction manual carefully and properly

# Statement

Thank you for using this products, this manual is applicable to IVMS(Intelligent vehicle monitoring system), if you have any questions free to contact us anytime. Because of the software functionality or interface constantly perfect or software upgrade, so the product and operating instructions there may be a slight difference, we will not regularly updated manual, update the content of the will join in the new version, without prior notice!

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#### Part 1、IVMS Client introduce

#### **1.1Client introduce**

IVMS uses many methods including GPS satellite positioning system, the Internet, mobile communications and cloud computing to build a remote monitoring platform for customers. You can mange vehicle/person in different regions by IVMS.

IVMS includes some functions: wireless remote real-time video surveillance, GPS map positioning, vehicle history running track playback, voice intercom, alarm linkage, remote video storage, remote download video, remote video playback, local video storage, local video playback, regional management of the vehicle, the device remotely upgrade, etc.

#### 1.2.IVMS install and uninstall:

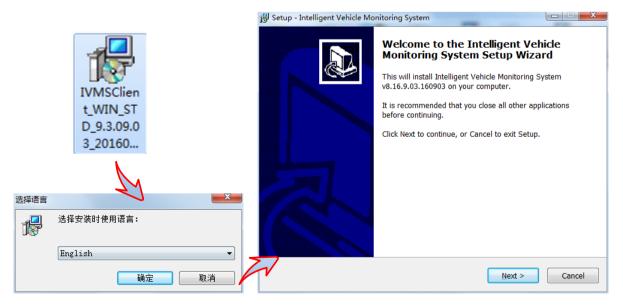
#### **IVMS Client Minimum Requirements**

- OS: Windows 7or higher (32/64 bit) Hardware Requirements:
  - 1.5 GHz CPU or higher
  - 2G RAM
  - 512 G byte HDD
  - 100M bit Ethernet
  - Support directX9 graphics card, memory 32M +

#### 1.2.1 Software install

(1) Double-click on IVMSClient.exe, choose "Simplified Chinese" or "English", click "OK". It will show

the installation wizard dialog.



(2) Click "Next" choose "I agree the agreement" then enter the installation directory selection interface.(The Default directory is :C:\IVMS\Client).To Change the installation path, click on the

#### "Browse" button to select another path.

😼 Setup - Intelligent Vehicle Monitoring System		🔀 Setup - Intelligent Vehicle Monitoring System
License Agreement Please read the following important information before continuing.		Select Destination Location Where should Intelligent Vehicle Monitoring System be installed?
Please read the following License Agreement. You must accept the terms agreement before continuing with the installation.	of this	Setup will install Intelligent Vehicle Monitoring System into the following folder.
End User Licensing Agreement	^	To continue, click Next. If you would like to select a different folder, click Browse.  C:\IVMS\Client  Browse
<ol> <li>Intelligent Vehicle Monitoring System (SOFTWARE) is protected by international copyright conventions and other relevant laws and treates.</li> <li>Non-commercial users can download and install the software products others without permission is prohibited commercial sale, copy and distrib bundled with other software.</li> <li>SOFTWARE has been well tested, but because of the differences betw computer hardware and software environment and complexity of other r</li> </ol>	s of pute, nor veen	7
I accept the agreement		
○ I do not accept the agreement		At least 85.2 MB of free disk space is required.
< Back Next >	Cancel	< Back Next > Cancel

(3) Set a folder name in Start Menu, The Default name "Intelligent Vehicle Monitoring Client". then

click "next" choose Create shortcut on desktop.

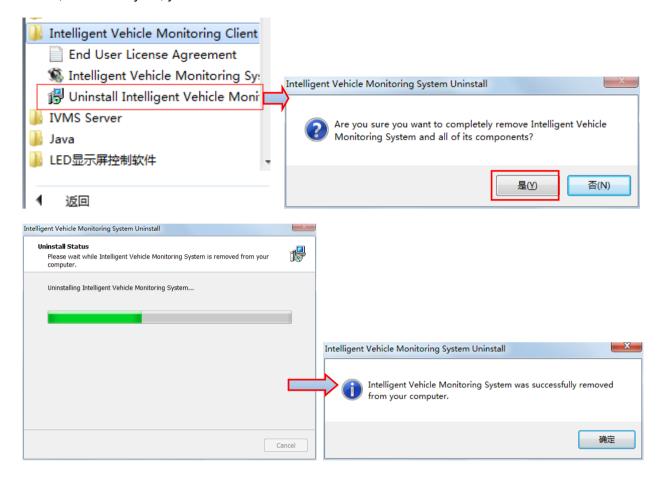
😼 Setup - Intelligent Vehicle Monitoring System		13 Setup - Intelligent Vehicle Monitoring System	
Select Start Menu Folder Where should Setup place the program's shortcuts?		Select Additional Tasks Which additional tasks should be performed?	
Setup will create the program's shortcuts in the following Start Men To continue, click Next. If you would like to select a different folder, click Bro Intelligent Vehicle Monitoring Client		Select the additional tasks you would like Setup to perform while i Vehicle Monitoring System, then click Next. Create shortcut on desktop.]  Create shortcut on top of Start menu.	nstalling Intelligent
	7	7	
< Back Next >	Cancel	< <u>B</u> ack Nex	t > Cancel

(4) click "next" you will enter ready to install interface, click "Install" and start to install it. After the software install finished you can click "finish" to launch IVMS.

🖞 Setup - Intelligent Vehicle Monitoring System	🔀 Setup - Intelligent Vehicle Monitoring System	
Ready to Install         Setup is now ready to begin installing Intelligent Vehicle Monitoring System on your computer.         Image: Click Install to continue with the installation, or click Back if you want to review or change any settings.	Completing the Intel Monitoring System S Setup has finished installing Im System on your computer. The by selecting the installed icons	Setup Wizard telligent Vehicle Monitoring application may be launched
Destination location: F:\Client Start Menu folder: Intelligent Vehicle Monitoring Client Additional tasks: Create shortcut on desktop.	Click Finish to exit Setup.	Aonitoring System
< Back Install Cancel		Einish

#### 1.2.2 IVMS Uninstall

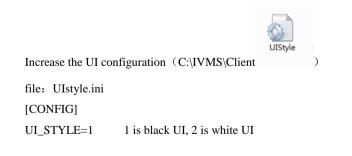
You can find the folder "Intelligent Vehicle Monitoring Client "in Start Menu---all program after install IVMS software successfully, enter this folder choose uninstall Intelligent Vehicle Monitoring Client, then click "yes", you will uninstall this software.



#### 1.3 The client interface introduced

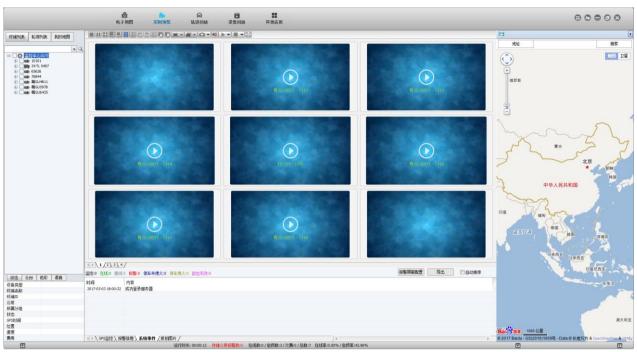
#### IVMS client contain PC client and web client

PC client UI configuration function

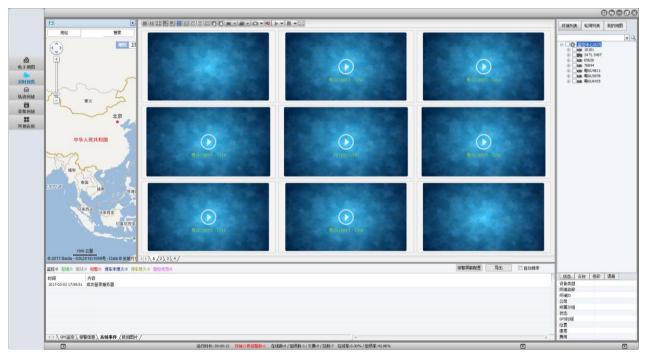


UI\_TEMPLET=1 1 is default template,2 is classic template



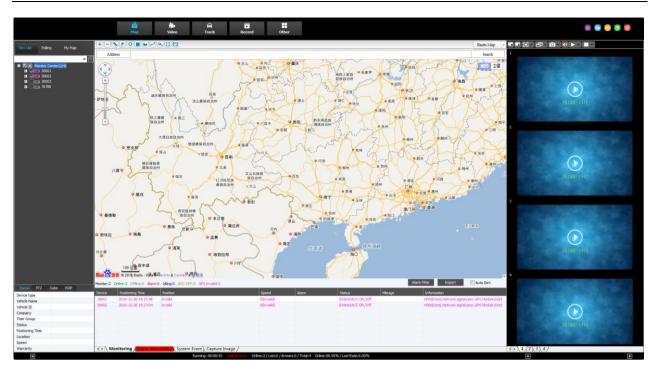


White UI + default template



**Black UI + classic template** 

IVMS Client Operation Manual - MJG Technologies Canada



Black UI + default template



Note: UI default template and UI classic template just a toolbar and menu list position is different;

PC Client (black UI) Login screen:

	¢−×
2	
User	play 🗸
Password	••••
Server	192.168.168.38 🗸
	🗹 Remember password 📃 Automatic login
	Login Exit

PC Client (white UI) Login screen: :

	010011001001010101	0-1
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		177
User	play	•
Password	<b></b>	
Server	192.168.168.38	-
	Remember password Aut	comatic login
	Login	Exit

#### 1.3.1 PC Client

#### Taking an example of black UI + default template

IVMS main interface includes Menu and Quick Access Toolbar, Device List, Map Windows, Video Window, PTZ &VOIP and Information Display Windows.

**1.Menu :** Located in the upper right corner, it includes Map, video, map/video, track, record, event, full screen, about, etc.

2. Toolbar: Located in the left, it is the main control system, includes Map, video, track, record, other;
3.Device Management List: The device list is display the information of the vehicle. Video Polling List:
IVMS will switch these custom-channel video within the specified time. And my map list use to display Point, surface, a recording of the area marked by the user on the map.

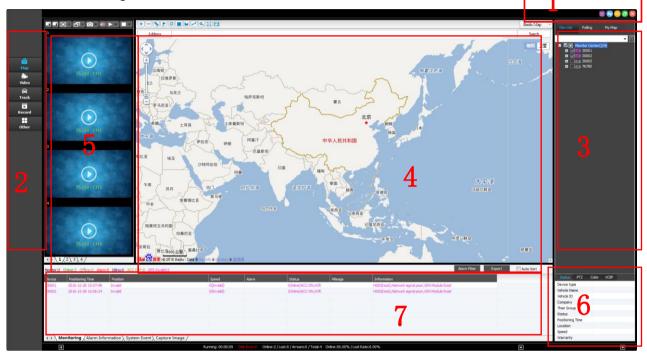
4.Map Windows: View on the map the location of the vehicle and other information.

5.Video Window: The overall situation of the vehicles and surveillance video.

6.Status ,PTZ and VOIP: PTZ: Rotation angle, focus, aperture, lights, wipers; Voice: Voice speaking

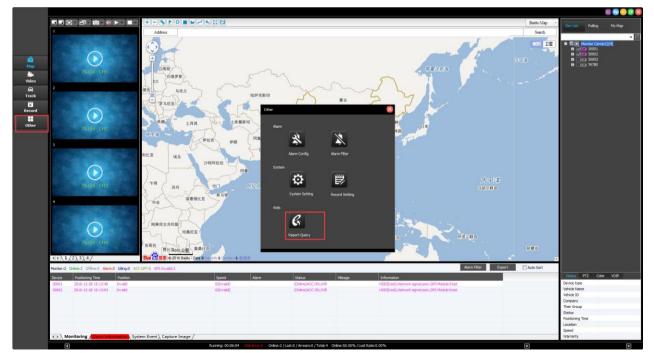
and listening.

**7.Information Display Windows:** Display the vehicle information, such as longitude, latitude, the driver, the speed, the vehicle state. The contents of the alarm information and Recording system events, such as login records.



#### 1.3.2 Web Client

Login Web Client (Click on the toolbar: other, and then click on the Web "Report Query")



The client function is mainly divided into three parts, respectively is report, user management, device.

**1.Report:** Quick Report (Mileage Summary, Mileage Daily) 、Speed Report、Online Summary、I/O alarm Report、Driver Behavior、Temperature Alarm、Alarm Report、Fuel Report、Storage Media Report、Upgrade Report、Park Report、Geo Fencing Report。

**2.Device:** Vehicle Parameter, Device Group, Fence Alarm, WIFI Download Plan, Snapshot Plan, Alarm Management, Driver, Vehicle Maintenance

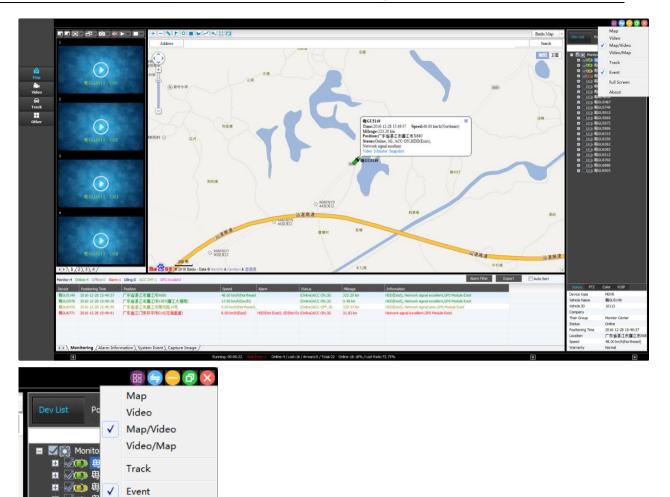
3.User: User Maintenance, Authority, User Log, IO type

	Vehicle Management System
	Report Device User
Quick Report	
Mileage Summary	📳 Mileage Summary
Mileage Daily	Begin Time: 2016-12-28 00:00:00 📕 To: 2016-12-28 15:27:43 📕 KiloUnit: KM 💌
Speed Report	Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf
Online Summary	
IO Alarm Report	Mileage Summary
Driver Behavior	Index Vehicle No Total Mileage Begin Time Start Mileage Start Position End Time End Mileage End Position
Temperature Alarm	
Alarm Report	
Storage Media Report	
Upgrade Report	
Fuel Report	
Park Report	
Geo Fencing Report	
Dispatch Report	
	Per Data 15 m 14 4 The 1 Page Total / Page 1 14 1 1 Page 1 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

# Part 2、PC Client Function Introduce 2.1Menu and Quick Access Toolbar

#### 2.1.1 Menu

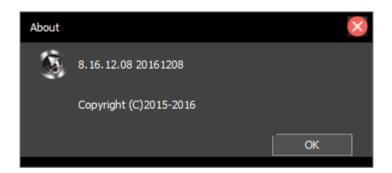
Click on the PC client "view" button at top right corner, pop-up drop-down list, view menu includes maps, video, maps/video, video/map, track and events, full screen, about , select the left will be displayed after the " $\checkmark$ ", on behalf of the client will check form, at the same time also can through the shortcut icon to switch from the view of the toolbar.



(1) 粤GU5969 Ŧ About: For viewing IVMS software version. \*

Full Screen

About



#### 2.1.2 Quick Access Toolbar

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Via the toolbar fast switching IVMS view client software.

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Мар
<u>i</u>
Video
<b>A</b>
Track
•
Record
Other

#### 2.1.2.1 Map

 $\div$ 

 $\Leftrightarrow$ 

This part display the GIS map and vehicle GPS location, when click the vehicle ID, this vehicle will have a vehicle icon draw centered in the GIS map. And the vehicle information contain time, mileage, position, status, SD/HDD status, network signal and alarm info etc.



Switching map types, optional baidu map, Google maps and Mapinfo map;

- Input address in the address bar, click "Search "Can search address location on the map;
- ✤ To switch between available in maps and satellite maps;



Click

#### " Map can be enlarged or reduced;

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#### 2.1.2.2 Video

- Video Monitoring: open the real-time video, play the sound .Sound and video are synchronized.
- Real-time Record: You can save the video into a record file in local disk.



Note:Make sure the device is online and the camera is fixed.

- 36 64 Ċ 0 64 100 36 Video window mode: 1,4,6,8,9,16,36,64,100;  $\dot{\cdot}$ Video window pageup/page down:  $\Leftrightarrow$ 100 📑 耳 🗗 - 🗗 4:3 16:9
- Video screen display mode: 1-full video window, 2- 16: 9,3- 4: 3.



Full window effectiveness

16:9 display effectiveness



4:3 display

effectiveness

- Choice of video effects:
- ✓ Real Good: Priority real-time performance
- Fluent Good: Priority its Fluency
- Capture image:



- ✓ Capture Image: Capture a picture from IVMS
- ✓ Front-end Capture: Capture a prcture from the device and upload to IVMS by server

Note: If the SD card or hard drive (memory device) is not installed on the device, it will not capture

	JE·⊡·⊠·\v	
	Capture Image	
01100000	Front-end Capture	
success		

- Sound: Click " icon Open/Close sound.
- Open Video
- Start Video: Open the current focus video window video

ŀ	₽- @- ♥ ►- ■- ;
	Start Video
	Open All Video

- Open All Video: open all windows video
- Stop Video
- ✓ Stop Video: Stop the current focus window video
- ✓ Stop All Video: stop all video
- ✓ Clear Data: Clear current video window's channel information.
- ✓ Clear All Data: Clear all video window's channel information.



#### 2.1.2.3 Track

Click "Track" Button in the toolbar or click "view"->"Track" in the menu to the Track Playback interface. In this window, you can set the search conditions in the lift panel.



Note: When search the track, the PC client will get the GPS informations from the server, but only one track can be playback for one time.

Conditions setting dialog:

Set the conditions as below shown, then click" search", It will be played automatically default after search sucessfully. You can click the Stop button to Stop and Click Play button to Play it again.

Search the terminal □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	Play: Play the track ;
End Time 2016/12/28  23:59:59	Pause: Pause the playing track ;
Parking 6 Minute Mileage 306, 10 km	Delete: delete track and the vehicle icon on the map
	Export: export all the GPS data of the track into an excel file
Speed	Save Track: Save the track to My Map.
	The playback Speed: Speed adjust playback
File Search	speed

#### 2.1.2.4 Record Search

Click on "Record" in the toolbar, change interface to Record Search and Playback Window. In this windows, you must set the conditions for searching, then Click on the "Search" button to search. It will show the list.

#### Set search conditions:

- ✓ Select device: choose the vehicle ID which you need to search video record.
- ✓ Record video Type: Normal, Alarm, All;
- ✓ Search Time: Select a date of the record.
- ✓ Video files location: vehicle device/local disk/storage server/download server
- ✓ File type:video and picture

#### \* Record File Download

Click "Search" button to search. It will show the result list. You can see the records. As blow, the green record means it is normal record. If have alarm record, the display color is red.



✓ Switch to "file" option and select a record ,then Click "Download" on the right-click-menu to download it. and you can set the start time and end time for the record file.

Start Time	上午 0:00:00 🍚 (>=00:00:00)
End Time	上午 0:45:00 🍚 (=<00:45:00)
	OK Cancel

✓ Click the "remote replay" or double click the file option, will proceed playback the record.

✓ Click the "track" will link to the track search and playback.

Time	Time	Туре	Vehide Device	Channel	Location	Size(MB)	File	<u>^</u>
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH1	Vehicle Device	570 166MR	/eata_1/2016-12-28/H20161228-000000PBN1P0.avi	- 4
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH2	Vehicle	Download	1/2016-12-28/H20161228-000000PBN2P0.avi	
Download	2016-12-28 00:00:00 - 00:45:00	General	30001	CH3	Vehicle	Remote Replay	1/2016-12-28/H20161228-000000PBN3P0.avi	
Download	2016-12-28 00:00:00 - 00:45:00	General	30001	CH4	Vehicle	Track	1/2016-12-28/H20161228-000000PBN4P0.avi	
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH5	Vehicle provide		/sourc_1/2016-12-28/H20161228-000000PBN5P0.avi	
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH6	Vehicle Device	47.270MB	/sata_1/2016-12-28/H20161228-000000PBN6P0.avi	
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH7	Vehicle Device	47.247MB	/sata_1/2016-12-28/H20161228-000000PBN7P0.avi	
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH8	Vehicle Device	47.267MB	/sata_1/2016-12-28/H20161228-000000PBN8P0.avi	
	2016-12-28 00:00:00 - 00:45:00	General	30001	CH9	Vehicle Device	287.195MB	/sata_1/2016-12-28/H20161228-000000PBN9P0.avi	
	2016-12-28 00:45:00 - 01:30:00	General	30001	CH1	Vehicle Device	578.067MB	/sata_1/2016-12-28/H20161228-004500PBN1P0.avi	
	2016-12-28 00:45:00 - 01:30:00	General	30001	CH2	Vehicle Device	47.219MB	/sata_1/2016-12-28/H20161228-004500PBN2P0.avi	
	2016-12-28 00:45:00 - 01:30:00	General	30001	CH3	Vehicle Device	47.220MB	/sata_1/2016-12-28/H20161228-004500PBN3P0.avi	
	2016-12-28 00:45:00 - 01:30:00	General	30001	CH4	Vehicle Device	575.215MB	/sata_1/2016-12-28/H20161228-004500PBN4P0.avi	
	2016-12-28 00:45:00 - 01:30:00	General	30001	CH5	Vehicle Device	47.221MB	/sata 1/2016-12-28/H20161228-004500PBN5P0.avi	т 1

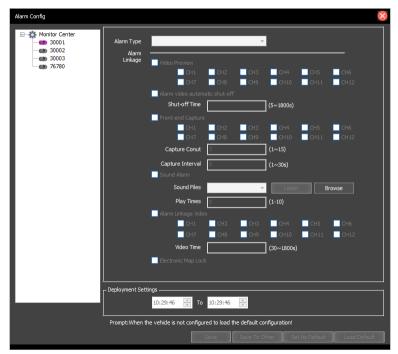
- ✓ Switch to the "download" option, you can see the download status, storage path, download progress, file size, create time, vehicle name, channel name, file source, etc.
- Right click the download file, you can open folder, stop download, delete file and setting the file storage path.
- ✓ If the file is not completely downloaded, you can click "continue to download" on the right-click-menu to continue to download. And you can play it.
- ✓ When file download finished, you will see the result.

Tim	ne -	Status	Time	Vehide Device	Channel	Download Prog Speed	Size(MB)	Location	File
File	ė	Downloadin	2016-12-28 00:00:00 - 00:45:00	30001	CH2	Open Folder	47.269MB	Vehicle Device	C:\gPS_DOWNLOAD\DOWNLOAD_FILE\30001(30001)\2016-12-28\H20161228-000000PBN2P0.avi
Down	load					Stop download Delete File			
						Path Setting			

#### 2.1.2.5 Other

#### ✤ Alarm config:

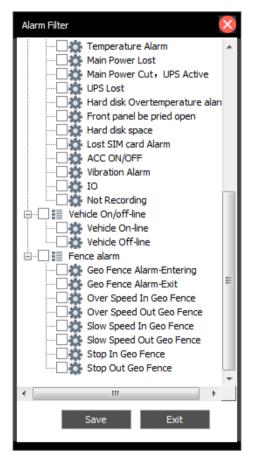
The user can set one or more of the type of alarm, if these type of alarm occur, a linkage dialog will show out or other things will notify the user. Firstly, select a vehicle in the right vehicle list, otherwise, it is uneditable. as shown below:



- ✓ Alarm Type: you must select a type.
- Video Preview: the video of the linkage channel will be played in a pop-up dialog. You can click "Close Setting" to cancel this action.
- ✓ Alarm video automatic shut-off: you can set shut-off time.
- ✓ Front-end capture: the linkage channel will be capture the photo after the alarm trigger. The capture count (1~15)and capture interval can be set from 1~30s
- ✓ Sound Alarm: when the alarm occurs, the sound will be played. the sound voice play time can be set(1~10)
- ✓ Alarm linkage video: the video time can be set (30~1800s)
- ✓ Electroinic Map Lock: when the alarm occurs, the vehicle will show in the center of map.
- ✓ Auto audio intercom: the platform will auto trigger audio intercom when the alarm occurs,
- ✓ **Deployment Settings:** It takes effect in the time range you set.
- ✓ **Save:** Save current configureure into a file.
- ✓ **Save To Other: S**ave current configure to other vehicle.
- ✓ Set As Default: Set current configure as default configure.
- ✓ **Load Default:** Load default configure as current configure.

#### Alarm shielding:

Ticking options if you need shield the alarm.



#### System setting:

System setting contain System parameters, vedio parameters, Map parameters, Modify Password, Logo Setting and Hotkey Settings.

System Setting			8
System Parameters		Software starts automatica	Ilv Iogin
Video Parameters	Language	English 🔻	
Map Parameters	UI Style	Default 🗸	
Modify Password	Exit System	Not Close 🗸	No Operation Condition
Logo Setting	Image Capture	C:\GPS_DOWNLOAD\CAPTUF	Browse
Hotkey Settings	Loss time	72	H(0 indicates variable loss)
	GPS update time	5	(unit: s):2~180
	IO Name		Enable
		Double click on the device t	to expand the node
		Default choose all online equipation	Juipment
		Enable multi screen mode	
		Effective multi display	
		Display the vehicle of the c	ity
			Save

System parameters:

- ✓ Language: you can choose Chinese or English, save it and reboot IVMS.
- ✓ **UI style:** you can set the default or blue UI style
- ✓ Exit system: when no operation exit system time you can set after 10/15/30/45/60min
- ✓ **Image Capture:** Set the Image storage path.
- ✓ GPS update time:2~180s

System Setting		8
System Parameters		
Video Parameters	Default request video	Sub-Stream 💌
Map Parameters	Video Buffer Time	4 - 8 Unit:Second (2 - 20)
Modify Password	Close Setting	Not Close   After open talkback or monitor
Logo Setting	Close Setting	Not Close   After Opening video preview
	Close Setting	Not Close   No Operation Condition
Hotkey Settings	Display Most of the screen	Display 100 screen 🔻
		Use RGB16
		Video without preview, can try to check this
		Open the video while opening sound     Save preview picture
		Open the video when it is started
		Save

Vedio parameters:

- ✓ **Default request video:** sub-stream/main-stream
- ✓ Video Buffer Time: Set video buffer time to make real-time video play smooth.
- ✓ Close Settings: Automatically stop the video after the video is open or the user dose nothing.
- ✓ Display most of the screen:16 screen

System Setting		8
System Parameters		
Video Parameters	Мар Туре	Baidu
Map Parameters	Speed Unit	km/h
Modify Password		GPS Fix
Logo Setting		
Hotkey Settings		
		Save

Map parameters:

- ✓ **Map type:** baidu/google/mapinfo
- ✓ Speed Unit: Km/h or mph

#### Modify Password:

Can modify the login IVMS client account password

System Setting				$\times$
System Parameters				
Video Parameters	User	play	]	
Map Parameters	Old Password		(4~16 Char)	
Modify Password	New Password		(4~16 Char)	
Logo Setting				
Hotkey Settings	Confirm Password		(4~16 Char)	
				Save

You can change the Login screen Logo and client Logo by yourself. the Login screen Logo must PNG image format, Size is 376\*283;the client Logo location can be set left/right.

System Setting			$\otimes$
System Parameters	Login Logo Setting		
Video Parameters			
Map Parameters	<u> </u>	<b>9</b>	
Modify Password	121- 2		
Logo Setting			
Hotkey Settings			
	Login Screen Logo		Option
		1. For the PNG image format	2. The image size is 376 * 283
		3. For best results, please modify o	n the original image
	Client Logo Setting		
	Client Logo		Option
	Location	Left 💌	
		1. For the PNG image format	2. If the path is empty, that is,
			Save

#### LOGO setting:

You can change the Login screen Logo and client Logo by yourself. the Login screen Logo must PNG image format, Size is 376\*283;the client Logo location can be set left/right.

System Setting			8
System Parameters	Login Logo Setting		
Video Parameters			
Map Parameters	<u> </u>	<b>9</b> 。	
Modify Password	121- 2	and the second	
Logo Setting			
Hotkey Settings		- 1 C	
	Login Screen Logo		Option
		1. For the PNG image format	2. The image size is 376 * 283
		3. For best results, please modify on	the original image
	Client Logo Setting		
	Client Logo		Option
	Location	Left 🔹	
		1. For the PNG image format	2. If the path is empty, that is,
			Save

Hotkey setting:

You can click on the keyboard to set hotkey for snapshot.

System Setting			Q
System Parameters			
Video Parameters			
Map Parameters	Snapshot	Ctrl + R	
Modify Password	Tip: Click on the k	eyboard to set hotkey	
Logo Setting			
Hotkey Settings			
			Save

#### Record setting:

Video storage location on the local disk, can be set by "record settings" in the "Settings" option (The video files will be stored in the folder named gStorage). as shown below:

- ✓ Disk Management: show all disk total space, remaining space, used space.
- ✓ Reserved Space: minimize is 1024MB.you can set it Stop Record or Cover The Oldest File when the free space is less than Reserved Space.
- $\checkmark$  Sectional Time: the record file total time span ( 15/30/45/60 (minutes )

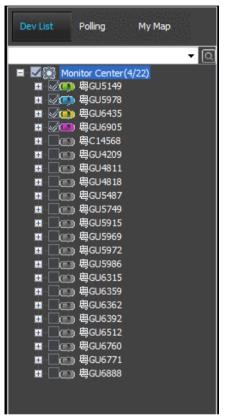
Storage Configuration						
-Disk Management						
Disk	The Total Spac	Used Space(MB)	Remaining Spac			
🔲 C	102406	25239	77167			
🔽 D	81933	33569	48364			
V E	292597	8503	284094			
Space Inadequate	ver The Oldest Files	-				
Space Inadequate	ver me oldeschies	•				
Reserved Space 10	24	MB				
			,			
-Record Setup						
Split Time 60 🗸 Minute						
			Save			

#### 2.2Device Management List

#### 2.2.1 Device list

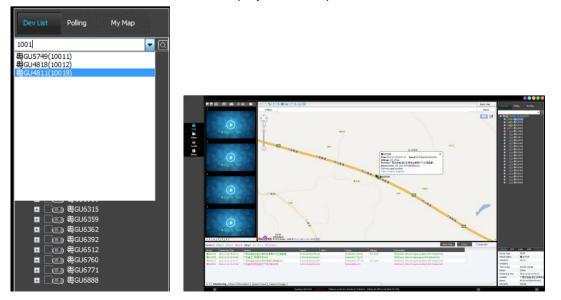
#### ✤ Device online status

Different color of the node means different status. Green means online, Red means alarm and online. Gray means offline. When the user logs in, the system automatically gets the vehicle list and updates the state of each vehicle.



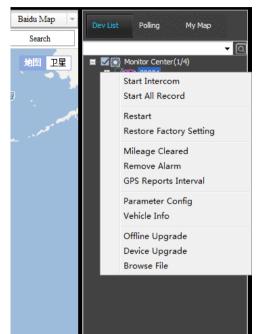
#### Vehicle Search

Input a key word of vehicle name in the edit box. It will show a list . Select a vehicle in the list and press Enter to confirm it. The color of the node of the selected vehicle will be darker. Click the vehicle ID the vehicle will draw\_centered display as below picture shown.



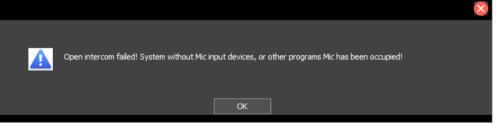
#### \* Right-click for online device ID

Right-click the online vehicle which is selected in the vehicle list, you can choose "start intercom", "start all record", "restart", "mileage cleared"," Remove Alarm""GPS reports interval","parameter configure","vehicle info","offline Upgrade","Device Upgrade","browse file" on the menu.



#### ✓ Start intercom:

Use to start intercom with the vehicle, you PC need mic input device and the vehicle must be installed digital interphone, or the system will reminder as below.



#### ✓ Start monitor

Choose this option will start the VOIP voice monitor.

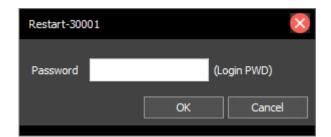
Status PTZ	Color	VOIP
Intercom	Monitor	Broadcast
	٢	)
	30001(Mic)	
	Requesting	
	Stop	

#### ✓ Start all record:

Choose this option will start all the record for the vehicle

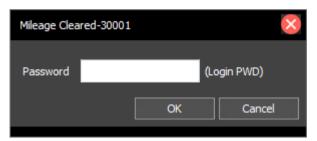
#### ✓ Restart

Use to restart the MDVR remotely, you need to input the password before restart.



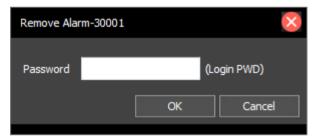
#### ✓ mileage cleared

Use to clear the mileage statistics remotely, this action will clear mileage to zero.ou need to input the password before clearing.



#### ✓ Remove Alarm

Use to Remove Alarm the MDVR remotely, you need to input the password before Remove Alarm



#### ✓ GPS reports interval

You can set the GPS reports interval time from 1~3600s, the default time is 10s



#### ✓ parameter configure

The selected vehicle parameters can be seen in the form of pop-up configuration information, you can change the MDVR parameter configure remotely as you need.

Basic Set	Basic Set				
···· Device Information ···· Channel set	Date Type	Y/M/D 🔹	Auto Time	ON	
Power Set Record Set	Time Zone	GTM +8 🔹	Opr TimeOut	5 Minute 🔹	
Sub Stream Display Set	Timing Time	下午 12:00:( 🚔	DST	OFF -	
⊡ • Network Set ··· Wireless Set	DST Start	10 💌	DST Start Day	6 -	
Center Set WIFI Set	DST End Month	4 🔻	DST End Day	7 -	
Alarm Set					
- Speed Set					
Shock Set					
Temperature Set Sensor Set					
Other Alarm					
Peripherals					
PTZ Set					
Management Tools					
Password Set					

# ✓ vehicle info

You can query the vehicle info as below dialog

Vehide basic information       Information         Vehide Name       30001         Vehide Brand       Information         Vehide Brand       Information         Vehide Type       Information         Driver Name       Information         Vehide       Information         Vehide Type       Information         Vehide       Version         Vehide       Information         Version       Information         Vehide       Version         Vehide       Version         Station       Information         Version       Version         Version       Version         Version       Versin         Version	Vehide Info				8
Vehide ID       30001         Vehide Brand	- Vehicles basic info	ormation			Information
Vehide Brand	Vehicle Name	30001			Machine Type HDD
Vehide Brand	Vehicle II	30001			Version T16102605
Vehide Type	Vehicle Brand				
Driver Name					Wireless Module
Vehicle       Net Address       *99#         SIM       WIFI Module         Company       Effective       Net Address       192.168.19.112         Recording       Disk Info       Disk Info       Disk Info         Channel Name       Video Loss       Disk       All Capacity (G)       Free Cap Serial number         CH1       Yes       Yes       Yes       1       1952.91       99.11       S377J9AG907840         CH3       Yes       Yes       Yes       U       Disk       All Capacity (G)       Free Cap Serial number         CH3       Yes       Yes       Yes       U       Disk       Disk Count					Effective Module Type 3G-WCDMA
Vehicle       SIM         SIM       Company         TEL       Effective         Recording       Effective         Channel Name       Video         Video       Video         CH1       Yes         CH2       Yes         CH3       Yes         CH3       Yes         CH4       Yes         CH5       Yes         CH6       Yes         CH7       Yes         Ch6       Yes         CH7       Yes         Ch6       Yes         CH7       Yes         Video       Trans Count 0	Driver Name	:			*00.#
Company	Vehicle	:			Net Address
Company	SIM	1			c WIEI Module
TEL       Effective       Net Address       192.168.19.112         Recording       Image: Channel Name       Video       Video Loss       Image: Channel Name       Video       Video Loss       Image: Channel Name       Video Trans Count       Image: Channel Count       I	Company	,			
Recording         Channel Name       Video         CH1       Yes         CH2       Yes         CH3       Yes         CH4       Yes         CH5       Yes         CH6       Yes         CH7       Yes         Channel Count       9         Video Trans Count       Disk Count	Т				Effective Net Address 192.168.19.112
Channel Name       Video       Loss         CH1       Yes       Yes         CH2       Yes       Yes         CH3       Yes       Yes         CH4       Yes       Yes         CH5       Yes       Yes         CH6       Yes       Yes         CH7       Yes       Yes         Channel Count       9       Video Trans Count					
Channel Name       Video       Video       Loss         CH1       Yes       Yes         CH2       Yes       Yes         CH3       Yes       Yes         CH4       Yes       Yes         CH5       Yes       Yes         CH6       Yes       Yes         CH7       Yes       Yes         Channel Count       9       Video Trans Count	Recording				Disk Info
CH2 Yes Yes E CH3 Yes Yes CH4 Yes No CH5 Yes Yes CH6 Yes Yes CH7 Yes Yes Channel Count 9 Video Trans Count 0 Disk Count 1	Channel Name	Video	Video Loss	<u>^</u>	Disk All Capacity (G) Free Cap Serial number
CH3 Yes Yes CH4 Yes No CH5 Yes Yes CH6 Yes Yes CH7 Yes Yes Channel Count 9 Video Trans Count 0 Disk Count 1	CH1	Yes	Yes		1 1952.91 99.11 S377J9AG907840
CH4 Yes No CH5 Yes Yes CH6 Yes Yes CH7 Yes Yes Channel Count 9 Video Trans Count 0 Disk Count 1	CH2	Yes	Yes	=	
CH5 Yes Yes CH6 Yes Yes CH7 Yes Yes Channel Count 9 Video Trans Count 0 Disk Count 1	CH3	Yes	Yes		
CH6 Yes Yes CH7 Yes Yes Channel Count 9 Video Trans Count 0 Disk Count 1	CH4	Yes	No		
Channel Count 9 Video Trans Count 0 Disk Count 1					
Channel Count 9 Video Trans Count 0 Disk Count 1		Yes	Yes		
Channel Count 9 Video Trans Count 0 Disk Count 1	CH7		Yes		
				•	
Gain the device information successfully!	Channel Coun	t 9	Video Trans Count	0	Disk Count 1
	Gain the device info	rmation succes	ssfully!		Refresh

✓ Offline upgrade:

30001(30001) - Offline l	Jpgrade - Task does not exist		$\times$
File Name			
The version name			
The version			
Create Time			
Save To Other	Set Delete Task	Get File	Refresh

#### ✓ Device upgrade:

Choose the device upgrade then Click on "Browse", then select a ". crc file to upgrade .

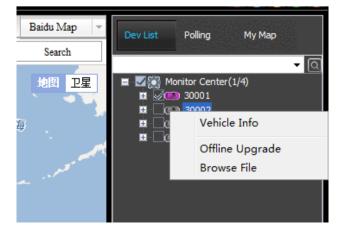
Device Upgrade					$\times$
Device Name	Device Type	Upgrade	Status		
<b>(1)</b> 30001	Device				
					Browse
	Upgrade T	ype Firmware	• • [	Upgrade	Exit

### ✓ Browse file

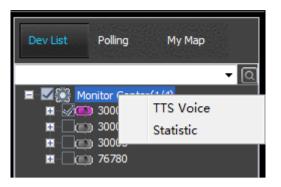
You can find the relevant documents of the vehicle

#### \* Right-click for offline device ID

Right-click the online vehicle which is selected in the vehicle list, you can choose "vehicle info" and "offline Upgrade"."Browse file "for detail setting pls refer to Described above.



#### \* Right-click for monitor center



✓ **TTS voice:**you can sent the TTS information to the monitor center.

TTS Voice	$\times$
Send Record:	
	Send List
Send Window(Press Enter to Send)	
Close Send	

#### ✓ Statistic:

You can statistic the device information;

Status Statistic - Monitor Cen	nter				$\otimes$
Alarm	Number	Device	Company	Positioning Time	Position
Offline					
Idling					
ACC OFF					
GPS Invalid					
Disk Error					
Video Loss					
Lost					
Warranty					
	4				
	•				4

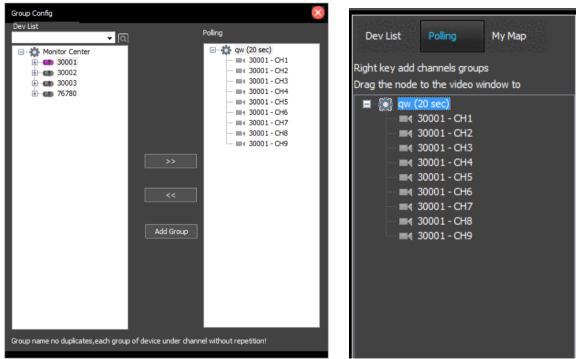
Alarm: display the device which is AlarmOffline: display the device which is offlineLost: display the device which is offline more than 48hCosts: display the device's Owe the state (need to open cost statistics function)

#### 2.2.2 Polling list

Right click the list area, choose the "group config" you can see the setting dialog. click the "add group" and input the group name, click "OK". The polling group will be created. Then you can add the vehicle to the group.

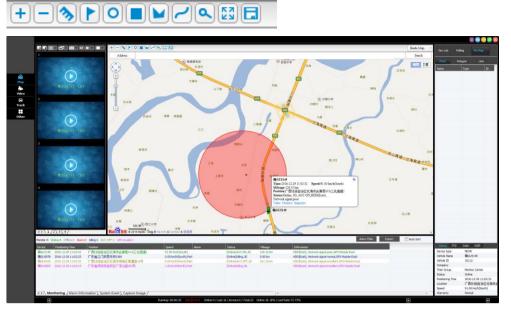
If the client have set the polling group, right click the list area, you can choose "start polling" to polling view the video.



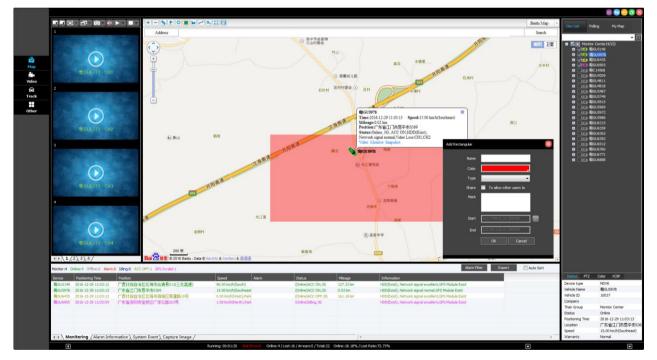


#### 2.2.3 My map

Client Left panel select the "My Maps", There are three buttons on the top of the map , They are "pull box enlarge", "pull box to narrow down", "measuring distance", "point", "circle" "rectangle", "polygon" and "add line" to set electronic fence area.



Select "rectangle", Drag on the map, draw a rectangle, the Regional Settings dialog box pops up: Then input the name of the area, choose the corlor of the area, and the type and description of the area. "Allow other users to view" If this option is selected, other users can see the rectangular area of the current user settings, or other users do not see this area, Click "OK", My map on the left shows the just regional information added.



#### 2.2.4 Video monitor

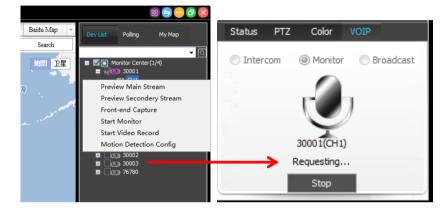
login on IVMS, you can only see that you have permission to vehicles.

Video Preview On Vehicle Channel

To preview a channel of a vehicle, you can drag the channel node to a video window, or double-click on the channel node .

Right click on vehicle channel

- ✓ Select a vehicle in the vehicle list, right-click , select "Preview main/secondery stream" to open real-time video too. (Note:Preview main stream need more 3G/4G flow and cause network delay.)
- ✓ Front-end capture:choose this option the system will capture the picture.
- Start intercom:choose the "start intercom" you can proceed interphone with the vehicle(note:this function request install intercom in vehicle)
- ✓ Start monitor:choose the "start monitor" the audio monitor will start, as the below picture shown.



✓ Start Video Record:select"Start Video Record" to record the real-time video. And the icon of the channel node will be changed when it start to record.Video storage location on the local disk, can be set by "video settings" in the "Settings" in the menu bar of the main interface (The video files will be stored in the folder named gStorage ) ,pls refer to above description.



✓ Motion detection configure:

You can drag the mouse to choose the motion detection square area, and set "enable"on.when the square area have object moving the PC client will display alarm information.



Note:this function sensitivity can set low/middle/high,and the MDVR device must be set this function enable.(we suggest to use this function in the stillness of the environment.and JH4&JH8 have this function still now,we will update if other model support)

#### 2.3 PTZ and VOIP Control Panel

### 2.3.1 Status

You can see the vehicle status which you have checked in the device list, the information pls refer to below picture shown.

Status PTZ	Color VOIP
Device type	MDVR
Vehicle Name	30001
Vehide ID	30001
Company	
Their Group	Monitor Center
Status	Online
Positioning Time	2016-12-29 11:34:39
Location	Invalid
Speed	0(Invalid)
Warranty	Normal

# 2.3.2 PTZ Control

PTZ control Panel is at the bottom of the vehicle list in main interface.when it is playing real-time video(the camera with PTZ), you can select a video window, and click different direction arrow to set different direction.and also can adjust Zoom,Aperture, Focus,Light and Wiper.



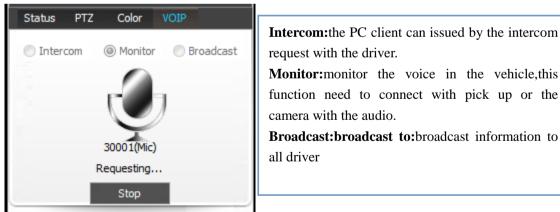
Zoom: f <sup>-</sup> f <sup>+</sup> zoom in or out.
Aperture: Or Out.
Focus: ** Focus in or out.
Light: Light on or off.
Wiper: Open or Close wiper.
Preset Point: Call/Set/Delete

# 2.3.3 Client Color Control

Click on the "default" icon, you can set default color.



# 2.3.4 VOIP Panel



Monitor: monitor the voice in the vehicle, this

function need to connect with pick up or the

Broadcast:broadcast to:broadcast information to

# 2.4.Alarm And Events

2.4.1 Monitoring information

# You can see the monitor basic information in this option, contain total number of vehicle monitor, online number, offline number, alarm number, idling number, ACC off number etc.

you can also set the alarm shielding as above description in menu---setting---alarm shielding.

The monitor list contain device ID, positioning time, position, speed, alarm, status etc. and you can export the list to local storage.

Nonterst Onlinest Offinest Alarm Filter Export 🔤 Austra Sort							Auto Sort		
Device	Positioning Time	Position	Speed	Alarm	Status	Mileage	Information		
粤GU5149	2016-12-29 11:41:53	广西壮族自治区北海市海城区北海大道46号	0.00 km/h(West),Par	k	(Online)ACC ON, 3G	162.91 km	HDD(Exist), Network signal excellent, GPS Module Exist		
母GU5978	2016-12-29 11:40:41	广东省阳江市阳东县G15(沈海高速)	95.00 km/h(West)		(Online)ACC ON, 3G	12.65 km	HDD (Exist), Network signal excellent, GPS Module Exist		
甹GU6435	2016-12-29 11:42:03	广西壮族自治区北海市海城区北海大道	0.00 km/h(East),Park	ir i i i i i i i i i i i i i i i i i i	(Online)ACC ON, 3G	9.34 km	HDD(Exist), Network signal poor, GPS Module Exist		
粤GU6905	2016-12-29 11:40:11	广东省深圳市宝安区广深公路203号	1.00 km/h(North),Par	k i i i i i i i i i i i i i i i i i i i	(Online)Idling,3G		HDD(Exist), Network signal normal, GPS Module Exist		

#### 2.4.2 Alarm Information

The "Alarm Info" Tab button will be red if any alarm occurs. the alarm configure set pls refer to

menu---setting---alarm configure setting.

- ✓ black: no need to be processed;
- ✓ red: need to process;
- ✓ blue: processed.

Monitor:9 C	nline:5 Offline:4 Alarm:0	Idling:1 ACC OFF:2	GPS Invalid:0			Alarm Shielding Export	Auto Sort	
Vehicle	Time	Туре	Location	Content				-
<b>座</b> E13592	2015-12-11 15:55:26	Device communication	广东省佛山市禅城区X508(佛罗					
粤GU6783	2015-12-11 15:53:39	ACC OFF alarm	广东省湛江市廉江市S287(廉江					
粤GU5978	粤E13592 11 15:49:51	ACC ON alarm	广东省江门市鹤山市G15(沈海)					
粤GU5978	2015-12-11 15:40:22	ACC ON alarm	广东省江门市鹤山市G15(沈海)					
粤GU6760	2015-12-11 15:39:43	ACC OFF alarm	广东省湛江市廉江市S287(廉江					
粤GU6783	2015-12-11 15:39:39		广东省湛江市廉江市石城大道					-
I ► \ Mo	nitoring \ Alarm Inform	ation / System Ev	/ent \ Capture Image /		•			P

#### 2.4.3 System Event

Click on "System Events" tab button and change to System Events Information Panel. System event contain the status of device and server connection, reboot device operation, device power on/off disconnect/reconnect oil line, Recovery equipment factory settings, GPS report interval changed, etc.

Monitor:1 Online:1 O	ffline:0 Alarm:0 Idling:0 ACC OFF:0 GPS Invalid:1
Time	Content
2016-12-29 11:41:58	Successfully login server
<ul> <li>▲ Monitoring )</li> </ul>	Alarm Information System Event (Capture Image /

#### 2.4.4 Capture Image

Click on "capture image" tab button you can see the capture image record list.

Monitor:1 O	nline:1 Offine:0 Alarm:0	Iding:0 ACC OFF:0	GPS Invalid: 1	Alarm Filter Export 🔄 Auto Sort	
Vehide	Time	Туре	Location	Content	
30001	2016-12-29 11:45:23	Not Recording End	Invalid		A
30001	2016-12-29 11:45:16	Emergercy button a	l Invalid		A
< ► \ Mor	hitoring Alarm Inform	nation / System E	vent \ Capture Image /		F

### Part 3、Web Client Function Introduce

# Login web client

Click the "other"option choose " " "to enter the web client.

When you the first enter the web client, the system will remind you to change password.



**Report:** Quick report (mileage summary report daily reports), speed report, Online report, IO input alarm report, driver behavior, temperature Alaem, Alarm Report, storage media report, upgrade report, Fuel report, park report, Geo fence Report, Dispatch report.

**Device:** Vehicle Parameter, Device Group, fence alarm, WIFI to download plan, Snapshot Plan, alarm Management, driver, Vehicle maintenance.

user: User Management, Authority, Use Log

	Vehicle Management System Report Device User	Welcomel play / Manager / Password / Exit
Quick Report Milling Sammary Milling Daly Speed Report Online Summary IO Alarm Report	Mileage Summary       Begin Time 2016-12:20 00:00 00 To: 2016-12:20 15:00:12 KiloUnit: Kki •       Device: All Devices •     Select Device: Query Export To Excel       Device: All Devices •     Select Device: Query Export To Excel	welcomer blay / Manager / Password / Luit
Driver Behavior Temperature Alarm Alarm Report Storage Media Report Upgrade Report Fuel Report Park Report Geo Fencing Report Dispatch Report	inder Vehice No Trist Mage Begin Trie Earl Mage Start Poston End Trie End Mage End Poston	
	No Look 15 s N 4 The 1 Page Tool 1 Page I N 4 S	

### 3.1.Report

✤ Time span set query shall not exceed 30 days, Otherwise the system will error

" 👔 The scope of the search time is not more than 30 days! "

Vehicles need to install the corresponding equipment and associated Settings, such as oil report sensor installation of oil, and the alarm parameters setting, alarm can query to the trigger.

#### 3.1.1 Quick Report

Quick report contains mileage summary report, daily report

✤ Mileage summary report: select search time, click on the select Device, check the vehicle

to be query, save the confirmation, click "query" to check the statement;;

	Vehicle Management	System		
Quick Report Minge Juny Speed Report Online Summary 10 Alarm Report Driver Behavior Temperature Alarm Alarm Report Storage Media Report Upgrade Report Fuel Report Faek Report Geo Fencing Report Dispatch Report	Report     Device     User       Mileage Summary       Begin Time:       2016-02-20       Device:       2003       Select Device:       Query       Bileage Summary       Des       Vence Io       Tast Mage       Begin Time:       Select Device:       Query       Bileage Summary       Des       Vence Io       Tast Mage       Begin Time:       Select Device:	Ted Device  Fed Device Fed Device  Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed Device Fed De	End Paston	Welcomet play / Manager / Password / Ex

Can export to Excel, Csv and PDF format.

#### 3.1.2 Speed Report

- $\diamond$  Speed Report contains Speed Alarm Summary, Speed Alarm Detail , Speed Analysis
- $\clubsuit$  Export to Excel, Csv and PDF format

IVMS Client Operation Ma	1anual - MJG	Technologies	Canada
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			icle Managem	ient System			
Quick Report Speed Alam Summary Speed Alam Detail Speed Alam Detail Speed Analysis Online Summary IO Alarm Report Oriver Behavior Temperature Alarm Alarm Report Storage Media Report Upgrade Report Fuel Report Park Report Geo Fencing Report Dispatch Report	Begin Device Speed Alarm Summ Index V	rt Device ( ced Alarm Summ Time: 2016-12-26 00:00:00 e: All Devices ( Tencie No Begin T 30001 2016-12-26 f	User mary To: 2016-12-29 ect Device Query Time End Time	16.52.00 Select Device Find Device Selected Vehicle		×	
Begin Ti	d Alarn ime: 2016-12-24 All Devices		To: 2016-12-29 1				46
Device:	All Devices 🖕	Select Devic	ce Query	Export To Excel	Export To Cs	Export To P	u
Speed Alarm Summar		Select Devi	ce Query	Export To Excel	Export To Cs	Export To P	
Speed Alarm Summar		Select Devic	Ce Query	Total Count	Overspeed Count	Export To P	u
Speed Alarm Summar	у						

### 3.1.3 Online Summary

## Online Report contains Online Status Daily, Online Summary, Online Detail

- Online Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- $\boldsymbol{\diamondsuit}$  Export to Excel, Csv and PDF format

			Management System	
Quick Report Speed Report Online Summ Osline Simm D Osline Simm D Osline Simm D Osline Simm I O Alarm Rep Driver Behan Alarm Report Temperature Alarm Report Park Report Geo Fencing Dispatch Rep	t t many Online Begin Tile Begin Tile Device: 7 Tile Port ofor a Report	Device User  ne Status Daily  me 2016-1728  All Devices  Onter Rule  Onter Rule  (   the 1 Page Trent Pu	Velcomel play / Manager / Passe	ord / Eaol
	Begin Time: 201 Device: 30001		Y       To: 2016-12-29       ect Device       Query       Export To Excel       Export To Csv       Export To Pdf	
	tatus Daily			
Index 1	Time 2016-12-17	Online Rate		
2	2016-12-17	0.00%		
3	2016-12-19	0.00%		
4	2016-12-20	0.00%		
5	2016-12-21	100.00%		
6	2016-12-22	100.00%		
7	2016-12-22	100.00%		
8	2016-12-23	0.00%		
9	2016-12-24	0.00%		
10	2016-12-25	100.00%		
10	2016-12-26	100.00%		
12	2016-12-28	100.00%		
Per Data			Total 1Page 🕨 🕨 🧐 Displaying 1 to 13 total of 13 items	

### 3.1.4 IO Alarm Report

### IO Alarm Report contains IO Alarm Daily, IO Alarm Summary;

- ✤ IO Alarm Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- ✤ Export to Excel, Csv and PDF format

Quick Report   Speed Report   Online Summary   Do Alme Summary	
Driver Behavlor   Driver Behavlor   Temperature Alarm   Alarm Report   Storage Media Report   Park Report   Geo Fencling Report   Dispatch Report   Dispatch Report	
IO Alarm Summary           Begin Time: 2016-12-16 00:00:00         To: 2016-12-29 17:07:36	
Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf	
IO Alarm Summary	
Index         Vehicle No         Time Start         Time End         IO_1(count)         IO_2(count)         IO_4(count)         IO_6(count)         IO_6(count)         IO_6(count)         IO_6(count)         IO_6(count)         IO_6(count)         IO_6(count)         IO_7(count)         IO_6(count)         IO_6(count)         IO_7(count)         IO_6(count)         IO_7(count)         IO_6(count)         IO_6(count)         IO_7(count)         IO_6(count)         IO_7(count)         IO_7	
1       30001       2016-12-22 11:38:11       0       1       0       0       0       0       0       0         Per Data       10       1       0       1       0       1       0       0       0       0       0       0       0	

### 3.1.5 Driver Behavior

Driver Behavior contains Driver Attendance Summary, Driver Attendance Detail;

- Driver Behavior: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- $\boldsymbol{\diamondsuit}$  Export to Excel, Csv and PDF format

Quick Report Speed Report Online Summary Driver Behavior Driver Behavior Driver Atmidiase Rumany Driver Atmidiase Rumany Comparature Atarim Alarm Report Fuel Report Fuel Report Geo Fencing Report Dispatch Report	Fatigue Summary(per)         Begin Time: 2016-12-20 00:00         Device: All Devices         Select Device         Query         Fatgue Summary(per)         inte       Velicia fio         Device Fatgue       Caser Sec         Per Data 15       Id 4         The 1       Page Total 1 Page         Per Data 15       Id 4	Faline Alam Type Al       Select Device       Fad Device       Solicital Validat       Solicital Validat	
		Copyright (c) 2010. All right reserved.	

# **Driver Attendance Detail**

Begin Time: 2016-12-26 00:00:00	To: 2016-12-29 1	7:17:22		
Device: All Devices 🗸 Select Device	Query	Export To Excel	Export To Csv	Export To Pdf

Index	Vehicle No	Swipe Card Time	type	Swipe Card Position	Content
1	30002	2016-12-27 10:51:37	Swipe Card		ICARI研发
2	30002	2016-12-27 10:55:34	Swipe Card		ICARI研发
3	30002	2016-12-27 10:55:33	Swipe Card		ICARI研发
4	30002	2016-12-27 10:51:34	Swipe Card		ICARI研发
5	30002	2016-12-27 10:51:36	Swipe Card		ICAR研发
6	30002	2016-12-27 10:55:36	Swipe Card		ICAR研发
7	30002	2016-12-27 10:55:35	Swipe Card		ICAR研发
8	30002	2016-12-27 10:55:36	Swipe Card		ICAR研发
9	30002	2016-12-27 10:51:35	Swipe Card		ICAR <mark></mark> 研发

Per Data 15 🔽 🚺 🖣 The 1 Page Total 1Page 🕨 🎽 🤹 Displaying 1 to 9 total of 9 items
---

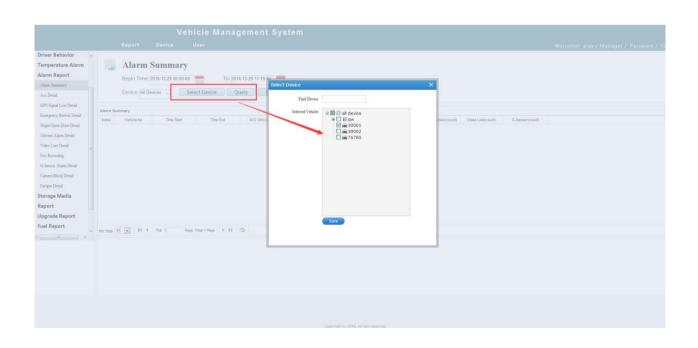
### 3.1.6 Temperature Alarm

Quick Report Speed Report Online Summary		Temperato		To: 2016-12-29 17	:17:54		
IO Alarm Report Driver Behavior		Device: All Devices		ice Query	Export To Excel	Export To C	Export To Pdf
Temperature Alarm	Temperatu	ire Alarm					
Temperature Alarm	Index	Vehicle No	Time	Equipment Temperature	Temperature One	Temperature Two	Position
Alarm Report	1	30001	2016-12-29 12:19:42	36.0°C	0.0°C	0.0°C	
Storage Media Report	2	30001	2016-12-29 12:19:56	36.0°C	0.0°C	0.0°C	
Upgrade Report	3	30001	2016-12-29 12:20:01	36.0°C	0.0°C	0.0°C	
	4	30001	2016-12-29 12:20:09	36.0°C	0.0°C	0.0°C	
Fuel Report	5	30001	2016-12-29 12:20:13	36.0°C	0.0°C	0.0°C	
Park Report	6	30001	2016-12-29 12:20:21	36.0°C	0.0°C	0.0°C	
Geo Fencing Report	7	30001	2016-12-29 12:20:27	36.0°C	0.0°C	0.0°C	
Dispatch Report	Per Data 1	5 💌 <b>[1 4</b> The	1 Page Total 1Pag	ie 🕨 M 🧒 Dispi	aying 1 to 7 total of 7 items		

### 3.1.7 Alarm Report

Alarm reports provide vehicles all alarm information statements, including alarm summary, ACC Detail, GPS signal loss alarm, emergency button Detail, illegal Open door alarm, Motion Alarm Detail, video loss Detail, Not Recording, G - senor alarm Detail, alarm, etc.

- ✤ Alarm reports: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- ✤ Export to Excel, Csv and PDF format

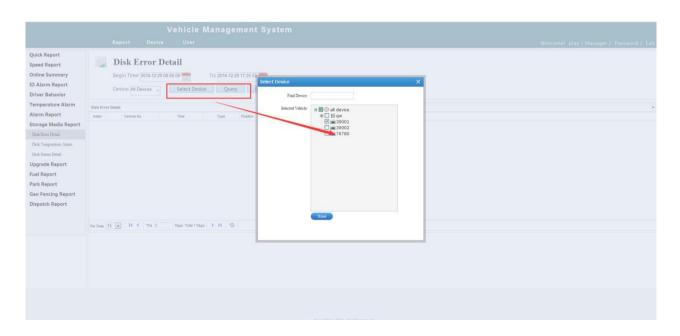


	Lost(count) G-Sensor(count)
dex Vehicle No Time Start Time End ACC ON(count) GPS Signal Lost(count) Emergency Button(count) Ellegal Open Door(count) Motion Detection(count) Video L	Lost(count) G-Sensor(count)
	Lost(count) G-Sensor(count)
1 30001 2016-12-21 16:02:16 2016-12-29 16:04:09 26 16 4 0 8132	
	161 0
2 30002 2016-12-27 10:43:27 2016-12-28 08:53:44 3 3 3 2 0 0	2 0
3 30003 2016-12-27 14:20:33 2016-12-27 14:27:51 2 1 0 0 0	6 0
4 76780 2016-12-27 15:03:40 2016-12-27 15:03:40 0 1 0 0 0	0 0

### 3.1.8 Storage Media Report

Storage Media Report contains Disk Error Detail, Disk Temperature Alarm, Disk Status Detail;

- Storage Media Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- $\clubsuit$  Export to Excel, Csv and PDF format



	Disk Status D	Detail						
	Begin Time: 2016-12-29		To: 2016-12-29 Status All 💌					
	Device: All Devices 🖕	Select Device	Query Export To Excel Export To Csv Export To Pdf					
Disk Status Detail								
Index	Vehicle No	Time	Hard Disk Information					
1	30001	2016-12-29	Hard Disk1 Serial Number:,Total(G):0.00,Remaining:0.00; Hard Disk2 Total(G):0.00,Remaining:0.00;					
Per Data 1	5 💌 🚺 🖣 The 1	Page Total 1Page	Image: Displaying 1 to 1 total of 1 items					
Per Data 1	5 💌 🛯 🔊 The 1	Page Total 1Page	P PI Visplaying 1 to 1 total of 1 items					

### 3.1.9 Upgrade Report

Upgrade Report contains Vehicle Release Detail, OFFline Upgrade, Parameter Configuration;

- Upgrade Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- ✤ Export to Excel, Csv and PDF format

	١	Vehicle Manage	ment System
	Report Device	User	Welcomet play / Manager / Password / Exit
Quick Report Speed Report Online Summary IO Alarm Report Driver Behavior	Vehicle Releas Begin Time: 2016-12-29 Device: All Devices	se Details To: 2016-12 Select Device Quer	
Temperature Alarm	Vehicle Release Details		
Alarm Report	Index Vehicle No 1 30001	Time Version Numb 2016-12-29 T16102605	
Storage Media Report Upgrade Report	1 30001	2016-12-29 716102605	
Vehicle Release Details			
Offline Upgrafe Parameter Configuration Fuel Report Park Report Geo Fencing Report Dispatch Report	Per Data 15	Page Total (Page   k k) 🌑	Displaying 1 to 1 tabl of 1 finms
			Cippyright (s) 2016. All right reserved.

#### 3.1.10 Fuel Report

Fuel Report contains Fuel Dynamic Detail, Fuel Abnormal Detail;

Fuel Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"  $\boldsymbol{\diamondsuit}$  Export to Excel, Csv and PDF format

	Vehicle Management System							
		Report Dev	vice User					
Quick Report		Fuel Dynai	mia Dotail					
Speed Report		Fuel Dyna	inc Detan					
Online Summary		Begin Time: 2016-12	2-29 00:00:00	To: 2016-12-2	9 17:32:27 📟	Distance: 500M 💌	KiloUni	t: KM 💌
O Alarm Report		Davida a la consta	Select Device		Even ent Te Even	Event To Cou	Current To F	Carach
Driver Behavior		Device: 30001 🕌	Select Device	Query	Export To Excel	Export To Csv	Export To F	df Graph
emperature Alarm								
Alarm Report	Fuel Dynan							
-	Index	Vehicle No	Time	Fuel(Liter)	Mileage	Position		
Storage Media Report	1	30001	2016-12-29 03:03:15	0	0 km			
Jpgrade Report	2	30001	2016-12-29 03:03:18	0	0 km			
Fuel Report	3	30001	2016-12-29 03:03:25	0	0 km			
Fuel Dynamic Detail	4	30001	2016-12-29 03:03:26	0	0 km			
	5	30001	2016-12-29 03:03:26	0	0 km			
Fuel Abnormal Detail	6	30001	2016-12-29 03:03:26	0	0 km			
Park Report	7	30001	2016-12-29 03:03:35	0	0 km			
Seo Fencing Report	8	30001	2016-12-29 03:03:38	0	0 km			
Dispatch Report	9	30001	2016-12-29 03:03:45	0	0 km			
Dispatch Report	10	30001	2016-12-29 03:03:55	0	0 km			
	11	30001	2016-12-29 03:04:05	0	0 km			
	12	30001	2016-12-29 03:04:15	0	0 km			
	Per Data 15	20004	1 Page Total 15Page	• • • • s	Displaying 1 to 15 total of			

### 3.1.11 Park Report

Park Report contains Vehicle Idling Summary, Vehicle Idling Detail, Park Too Long Summary, Park Too Long Detail;

- Park Report: select the search time, click the select Device, check to query the vehicles and save the confirmation, click the "query"
- $\clubsuit$  Export to Excel, Csv and PDF format

	Vehicle Management System
	Report Device User
Quick Report	
Speed Report	Parking Summary
Online Summary	Begin Time: 2016-12-29 00:00:00 To: 2016-12-29 17:34:04
IO Alarm Report	Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf
Driver Behavior	
Temperature Alarm	Parking Summary
Alarm Report	Index Vehicle No Park Count Park Total Time
Storage Media Report	
Upgrade Report	
Fuel Report	
Park Report	
Vehicle Idling Summary	
Vehicle Idling Detail	
Park Too Long Summary	
Park Too Long Detail	
Geo Fencing Report	
Dispatch Report	
	Per Data 15 💌 14 4 The 1 Page Total 1Page 🕨 14 🍩 No items

3.1.12 Geo Fencing Report

	Vehicle Management System						
	Report	Device User					
Quick Report Speed Report	🛄 Geo Fei	icing Alarm De	etail				
Online Summary	Begin Time: 2	016-12-29 00:00:00	To: 2016-12-29 1	7:35:36	Type: All	Region: All	
IO Alarm Report Driver Behavior	Device: All Dev	ices 🖕 Select Dev	ice Query	Export To Exe	el Export To Csv Export	To Pdf	
Temperature Alarm							
Alarm Report	Geo Fencing Alarm Detail	Time	Region	Туре	Position		<b></b>
Storage Media Report							
Upgrade Report							
Fuel Report Park Report							
Geo Fencing Report							
Geo Fencing Alarm Detail							
Dispatch Report							
	Per Data 15 💌 🚺 4	The 1 Page Total 1Pa	ge 🕨 🕨 🗳 Noi	tems			
	Per Data 15 💌 😽 4	The 1 Page Total 1Pa	ge 🕨 🔰 🤔 No i	tems			

## 3.1.13 Dispatch Report

	Vehicle Management System
	Report Device User
Quick Report	
Speed Report	TTS Detail
Online Summary	Begin Time: 2016-12-29 00:00:00 To: 2016-12-29 17:36:56
IO Alarm Report	Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf
Driver Behavior	
Temperature Alarm	TTS Detail
Alarm Report	Index         User         Vehicle No         Time         Instruction
Storage Media Report	
Upgrade Report	
Fuel Report	
Park Report	
Geo Fencing Report	
Dispatch Report	
TTS Detail	
	Per Data 15 💌 K 4 The 1 Pege Total 1 Page 🕨 1 😤

### 3.2. Enter "User Manage" Page

## 3.2.1 Add Users and Assign Permissions

	Report Device User	Add User	Welcomel play / Manager / Password / Exi
User Management Authority User Log	User Management           Add Dolos           Image: Control of the state	Add User	(C) User Name Or Accourt Sourch) Swell Vol Max Devided Teeth(MD)
		Persvent: •••••• • Centim: •••••• Default Paravent: ••••• Raine Persvent select tride s: • Demo Account C Multi Legis, Persvent Radouty Validsy: 2017.12.29 Centet: Teleplane: E-Mait Addems:	
		Uni	

## 3.2.2 Add roles and Assign permissions

Uver Management Anthensy Uver Log	Authority At thority At Date	G Name: Remarks:			Welcomel pisy/Manager / Password / Eur
			Copyright (c) 2016. All right reserved.		

NOTE: Uncheck User Management role if the user is not the System Administrator.

### 3.2.3 Authorizing Users to vehicles/Devices

Vehicles/Devices need to be authorized with a user association that defines what vehicle/device information the user can see.

	Vehicle Management Report Device User	System	Welcome! play / Manager / Password / Ex
Une Mangement Antheley User Log	User Management	Find Device:	Cannet Tridightear fand (el Sono Doverhaad Freifin/SOD)
		Copyright (c) 2016. All right reserved.	

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### 3.3. Enter "Device Manage" Page

# 3.3.1 Modify Vehicle Parameters

Vehicle Parameter Device Group Fence Alarm	🦲 Vehicle Parameter	Edit Vehicle Data		h Edgorf Tô Excel
Verbraum	Operator 100 Sept. Yee Antonios Edd. Capy. Vere Antonios Edd. Capy.	Company: Vehick Brand: Vihick Type: Plattory Code Terminal Monther Vehicks Icon: Vehicks Icon:	•     >       •     >       •     >       •     >       •     >       •     >       •     >       •     >       •     >       •     >       •     >	her Naus Deter Plans Velacif Bread Velacif Type
		Copyright (c	2018. Ad Hype resources	
	arameters 10 Parameters Temperature Module			
Canneli Nunber Channili Channili Channili Channili Channili Channili	CH1 CH2 CH3 CH4	Base Processor         Distribution         Temperature         Model           Base Processor         Classific Exercises         10 Parameters         Model         Model           Base Processor         Classific Exercises         10 Parameters         Model         Model	Basic Founders         Claused Founders         Differences         Founders         Made           Temperature States Number         1         V         Temperature States         Image: States Number         Image: States Number	Labority Valificial Science Address Banic Parameters Champel Parameters To Permeters Module Paral Sensor Paral Control Paral Control TTS Digital Intercom COD
	Save	Save	Save	Save

Note:you need check the corresponding module if you vehicle have connect the fuel sensor,fuel control,elec control,TTS,digital intercom and OBD.else the function don't work.

# 3.3.2 Vehicles/Devices Unit operation

The system supports multiple levels of groupings who can Add, Delete, Search and Modify by highlighting and at the same time by dragging the vehicle to be classified into different groups.

Vehicle Management System					
	☆ 192.168.168.38/index.html?lang=en	11家祝 🔟 愛考室 🎦 从 IE 中导入 🕓 历史记录 🌐 车联网用户管理干台		Ø > 全球最美面孔出炉	
₩ 商用税款-中国%元 🕑			3(年度他 - Discuzi ▲ [图文] 田相半代	▲ 四相半年繁皇投系 ▲ 公父際天力高・キ.	👻 KORZOWITE 🔘 ICAR VISIONS »
	Report Device User			Weld	come! play / Manager / Password / Exit
Vehicle Parameter Device Group	🖨 Device Group				
Fence Alarm	Grouped Terminal	Ungrouped Terminal			
Wifi Download Plan	Find Device:	Find Device:			
Snapshot Plan	📾 🔲 🔯 all device				
Alarm Management		Key Group			
Driver		Out Group >>			
Vehicle Maintenance					
	1				
	Add Gro	D X			
		*			
		Add Group			
	Add Group Edit Group Delete Group Move Grr You can use drag to move the vehicle or group, can al	Name: Can't be empty			
		igher level Group: all device			
		Save			
(		m			•

	Vehicle Management System	
	Report Device User	
Vehicle Parameter Device Group	🖨 Device Group	
Fence Alarm Wifi Download Plan Snapshot Plan Alarm Management Driver Vehicle Maintenance	Grouped Terminal       Find Device:         □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	

### **3.3.3.Electronic fence alarm configuration(web frontend)**

	Vehicle Manage Report Device User	ment System	Welcome! play / Manager / Password / Exit
Vehicle Parameter Devices Group From Atom With Download Plan Samphor Plan Atom Management Detver Vehicle Matematers	Report Device User           Gene         Fence Alarm           Image: State S	Config Fearer Alarn	Welcomet: play / Manager / Password / Ext

you can set regional/outer region alarm,and regional/outer region speed alarm.the over speed, low speed and corresponding TTS voice remind can set as you request.

## 3.3.4. wifi download Plan

Log in foreground, Configuration the wifi download parameters, After config successfully, when the device is connected to wifi, depending on the configuration plan will go automatically download the video files on the server.

	Report Device User									Welcomel play	/ Manager / Passwo
sicle Parameter rice Group sce Allarm	🚗 Wifi Download Plan								Config Download Pr	an Delete Sele	
fi Download Plan pshot Plan								40 V	See		
res Management	Home Page Prev Page Next Page End Page Total 0 Page 0 Record Current 1	Page Go Per Data 10 m						/			
Ver	Co	nfig Download Plan									
ticle Maintenance		Find Device.		Begin 1	End 1	Begin 2	End 2	1			
		B 🗌 🔘 all device	Sunday:		00:00	00:00	00:00				
		* II gw	Monday:	00:00	00:00	00:00	00:00				
		i i i i i i i i i i i i i i i i i i i	Tuesday:	00:00	00:00	00:00	00:00				
		-L] BE /6/80	Wednesday:	00.00	00:00	00:00	00:00				
			Thursday:	00:00	00:00	00:00	00:00				
			Friday:		00:00	00:00	00:00				
			Saturday:	00:00	00:00	00:00	00:00				
			Download Type:	Down All		*					
				Save	)						

## 3.3.5. Snapshot Plan Configuration

login web frontend, config snapshot plan

	Vehicle Mana Report Device User	agement System						Weicome! play /	'Manager / Password / Exi
Vehicle Parameter Device Group Fence Alarm	🚐 Snapshot Plan						Setue Snapshol	Delote Select	rom siniterer sugar to orray assist for
Wifi Download Plan Snapshot Plan		Setup Snapshot				×			
Alarm Masiagement Driver Vehicle Maintenance	Hann Page Pave Page Nucl Page Text Page Text D Page & Raused Co	3 T We	Begin 1 Sunday: 00:00 fonday: 00:00 uesday: 00:00	End 1 23:59 23:59 23:59 23:59 23:59	Begin 2 00:00 00:00 00:00 00:00	End 2 23 59 23 59 23 59 23 59 23 59			
			Friday: 00:00 Friday: 00:00	23.59 23.59 23.59	00:00	23.59 23.59 23.59			
		Tip- Time 2 and Time 1 reports may affect the accuracy of the dat	Mode: Circular Interval: 300	\$(60.9999)					

- Mode Introduction
- ✓ Circular: Grasping finished Channel 1, and then specified intervals to capture the picture of the second channel QTMovieScreen
- ✓ Independent: Each channel is independent, interval capture
- Config successfully

#### **3.3.6.** Alarm Management

Click on the "alarm linkage configuration" namely corresponding Settings dialog, in the pop-up box, select (vehicle) terminal (note: can multi-select) and alarm type, the user can select a text message or email, set the alarm type when it happens, the system will send SMS or email to the user's mobile phone or email notification.

ebicle Parameter evice Group ence Alarm	Alarm Management				(Q.Name Or IDHO) Grandh	Inlage Configuration Delvite Select
idi Download Plan					SentEnni	
ipshot Plan	House Page Press Page Next Page End Page Total 0 Page 0 Record C	urrent 1 Pare Go Per Data 10 *				
em Management		Alarm Linkage Configuratio				1
ver		Alarm Linkage Conliguratio			/ ^	
icle Maintenance			Alarm Link	age Configu		
		Find Device:			E Send SMS	
			Select Alarm	Mobile		
			Emergency Butto	ĺ	Number use ; separated	
			G-Sensor Alarm	Sms Content:		
			- 🗖 🛄 Video Lost Alarm			
			- 🗖 🛄 Ilegal Door Alarm		If the content is empty, the content of the message, terminal + time + alarm description	
			- 🗖 🛄 Temperature Alai		E Send E-mail	
			Hard Disk Error			
			- C C Parking Too Long	E-mail		
			- Motion Detection		Address use ; separated	
			- C 🗋 GPS Signal Lost A	Content		
			- 🗖 🛄 Offine		If the content is empty, the content of the E-mail: terminal +	
			- 🗖 🛄 Into Fence Alarm		time + alarm description	
			- 🗖 🛄 Out Fence Alarm	Speed Threshold:	0KM/H0	
			- C Overspeed Into F		E Are Capture	
			Overspeed Out F     Overspeed Into F			
			Lowspeed Out Fr	Recording Time		
			- D 🔄 Park Into Fence 🔹	Alarm Time	: 00:00:00 To 23:59:59	
					During this time period before the implementation of the linkage	

# 3.3.7. ADD Driver Data

	Vehicle Management System Report Device User		Welcome! play / Manager / Password / Ex
Vehicle Parameter Device Group Fence Alarm	🖨 Driver	Comer Search Add [ Dec	rle Shiet
With Devended Plan Snephel Plan Adam Mangament Driver Vehicle Maintenace	Bi Openani Ludis Vano Planov Carlot Honachen handren Statuter Tanto Pape Official Carlot Pape Deficial Pape Deficial Angel Tanto Pape Deficial Pape Deficial Pape Deficial Pape Pape Pape Pape Pape Pape Pape Pape	Lines         Lines         Die	
		get (c) 2016. All right reserved.	

# 3.3.8. Maintenance

Vehicle Management System Report Device User Welcomet pia	/ Manager / Password / E
Velick Paranter Devise Grap France Alam	
With Develoar Plan   Suppose Plan   Alore Suppose Plan   Other     Vial de Main Suppose     Name Suppose Plan     Alore Suppose Plan     Alore Suppose     Name Suppose     Vial de Main Suppose <td></td>	