Vehicle Management System CARGISPLAYER

User Manual

Version 1.0 2017.07.25

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1. Media Play

After MDVR online, user can move array to <u>Car ID</u> and click right on <u>MDVR List</u> Follow those item (<u>Net Realtime Play</u>, <u>Net Recorded Play</u>, <u>Upload File</u>, <u>Device Info</u> <u>Control</u>, <u>Delete from List</u>) Server can remote get vehicle information.



Net Realtime Play Net Recorded Play Uploaded File Device Info Control Delete from List

1.1 Net Real-time Play

Execute Net Realtime Play, system can get live video and sensor parameters.



 For different network bandwidth environments, user can set different resolution to keep the smoothness of the firm.





1.2 Net Recorded Play

The system supports remote backup, user can remote download someone section of video though RJ45, WIFI 3G/4G Network.

Server									
File Windows	Control	Settings	Help						
📂 🚨 🛸	it 🔁	s. 💷							
						Online: 1/	67	longitu	de:121.
						DEMO-	8CH		81
						(TW)	Net Realtime	Play	
						2808X-	Net Recorded	l Play	
						(100) 3604/11	Uploaded File	÷	
						(TW)	Device Info Co	ontrol	
						3604-0	Delete from L	ist	
						(1 VV)		1	M.

Step 1. After click <u>Net Recorded Play</u>, apply the notification message.

Server				Server					
			×						×
Time	Position	Status	start time end time Reset loading data,please wait	Time 2016-10-20 19:24:00 2016-10-20 19:25:00 2016-10-20 19:25:00 2016-10-20 19:26:00 2016-10-20 19:28:00 2016-10-20 19:28:00 2016-10-20 19:31:00 2016-10-20 19:33:00 2016-10-20 19:32:00 2016-10-20 19:32:00 2016-10-20 19:34:00	Position 0x5DA381600 0x50FB94800 0x5F5582A00 CarGisPlayer	Status NO EVENT NO EVENT NO EVENT	start time		
Download		Exit	Link Again	Download	I	Exit		Link Again	

Step2. Click start time frame first.

Server					Server						
				×							×
Time	Position	Status	<u>^</u>		Time	Position	Status	^			
2016-10-22 10:42:00	0x39A5C20000	NO EVENT		start time	2016-10-22 10:39:00 2016-10-22 10:40:00	0X3994DE2200 0X399A80C200	NO EVENT		start time	2016-10-22 10:30:00)
2016-10-22 10:43:00 2016-10-22 10:44:00	0x39AB5F6E00 0x39B0FC1A00	NO EVENT NO EVENT			2016-10-22 10:42:00	0x39A5C20000	NO EVENT	-	end time		
2016-10-22 10:45:00	0x39B69E6000	NO EVENT		end time	2016-10-22 10:43:00 2016-10-22 10:44:00	0x39AB5F6E00 0x39B0FC1A00	NO EVENT				
2016-10-22 10:46:00	0x39C1C2D800	NO EVENT	- 11	Decat	2016-10-22 10:45:00 2016-10-22 10:46:00	0x39B69E6000 0x39BC375600	NO EVENT		Reset		
2016-10-22 10:48:00 2016-10-22 10:49:00	0x39C7371600 0x39CCAE1400	NO EVENT NO EVENT		Reset	2016-10-22 10:47:00 2016-10-22 10:48:00	0x39C1C2D800 0x39C7371600	NO EVENT				
2016-10-22 10:50:00 2016-10-22 10:51:00	0x39D225DA00 0x39D7951A00	NO EVENT NO EVENT			2016-10-22 10:49:00 2016-10-22 10:50:00	0x39CCAE1400 0x39D225DA00	NO EVENT				
2016-10-22 10:52:00	0x39DCF2BC00	NO EVENT						÷			
2010-10-22 10.33.00	0x3522057000	NOEVENI	Ŷ		Download		Exit			Link Again	
Download		Exit		Link Again				_			

Step3. Select start time on left frame.

Step4. Click end time frame first.

1	Convor								Server	
	JETYCI									
							1	×	Time	Position
	Time		Position	Status	^				2016-10-22 10:20:00	0x2004DE2200
	2016-10-22	10:39:00	0x3994DE2200	NO EVENT		start time	2016-10-22 10:30:00		2016-10-22 10:39:00	0x399A80C200
	2016-10-22	10:40:00	0x399A80C200	NO EVENT					2016-10-22 10:41:00	0x39A01E6400
	2016-10-22	10:41:00	0x39A01E6400	NO EVENT					2016-10-22 10:42:00	0x39A5C20000
	2016-10-22	10:42:00	0x39A5C20000	NO EVENT		end time			2016-10-22 10:43:00	0x39AB5F6E00
	2016-10-22	10:43:00	0x39AB5F6E00	NO EVENT	- 6				2016-10-22 10:44:00	0x39B0FC1A00
	2016-10-22	10:44:00	0x39B0FC1A00	NO EVENT			_		2016-10-22 10:45:00	0x39B69E6000
	2016-10-22	10:45:00	0x39B69E6000	NO EVENT		Reset			2016-10-22 10:46:00	0x39BC375600
	2016-10-22	10:46:00	0x39BC375600	NO EVENT					2016-10-22 10:47:00	0x39C7371600
	2016-10-22	10:47:00	0x39C1C2D800	NO EVENT					2016-10-22 10:49:00	0x39CCAE1400
	2016-10-22	10:48:00	0x39C7371600	NO EVENT					2016-10-22 10:50:00	0x39D225DA00
	2016-10-22	10:49:00	0x39CCAE1400	NO EVENT						
	2016-10-22	10:50:00	0x39D225DA00	NO EVENT	~					
									Download	
	Do	ownload		Exit			Link Again			

Step5. Select end time on left frame.

Server						
						×
Time	Position	Status	^			
2016-10-22 10:39:00	0x3994DE2200	NO EVENT		start time	2016-10-22 10:3	0:00
2016-10-22 10:40:00	0x399A80C200	NO EVENT				
2016-10-22 10:41:00	0x39A01E6400	NO EVENT			·	
2016-10-22 10:42:00	0x39A5C20000	NO EVENT		end time	2016-10-22 10:4	0:00
2016-10-22 10:43:00	0x39AB5F6E00	NO EVENT	- 11			
2016-10-22 10:44:00	0x39B0FC1A00	NO EVENT				
2016-10-22 10:45:00	0x39B69E6000	NO EVENT		Reset		
2016-10-22 10:46:00	0x39BC375600	NO EVENT				
2016-10-22 10:47:00	0x39C1C2D800	NO EVENT				
2016-10-22 10:48:00	0x39C7371600	NO EVENT				
2016-10-22 10:49:00	0x39CCAE1400	NO EVENT				
2016-10-22 10:50:00	0x39D225DA00	NO EVENT	~			
Developed		C -4				
Download		Exit			Link Again	

Step6. Click <u>Dowload</u> button.

					Server						
Server				_							×
	_		_	×	Time	Position	Status	^			
Time	Position	Status	^		2016 10 22 10 20 00	0x2004DE2200	NO EVENT		start time	2016-10-22 10:30:00	
2016-10-22 10:39:00	0x3994DE2200	NO EVENT	start time	2016-10-22 10:30:00	2016-10-22 10:35:00	0x309480C200	NO EVENT				
2016-10-22 10:40:00	0x399A80C200	NO EVENT		·	2016-10-22 10:41:00	0x39A01E6400	NO EVENT				
2016-10-22 10:41:00	0x39A01E6400	NO EVENT		2016 10 22 10:40:00	2016-10-22 10:42:00	0x39A5C20000	NO EVENT		end time	2016-10-22 10:40:00	
2016-10-22 10:42:00	0x39A5C20000	NO EVENT	end time	2016-10-22 10:40:00	2016-10-22 10:43:00	0x39AB5F6E00	NO EVENT	- 51			
2016-10-22 10:43:00	0x39AB5F6E00	NO EVENT			2016-10-22 10:44:00	0x39B0FC1A00	NO EVENT	- 54		_	
2016-10-22 10:44:00	0x39B0FC1A00	NO EVENT	Reset		2016-10-22 10:45:00	0x39B69E6000	NO EVENT		Reset		
2016-10-22 10:45:00	0x39B69E6000	NO EVENT	Reser		2016-10-22 10:46:00	0x39BC375600	NO EVENT				
2016-10-22 10:46:00	0x39BC375600	NO EVENT			2016-10-22 10:47:00	0x39C1C2D800	NO EVENT				
2016-10-22 10:47:00	0x39C1C2D800	NO EVENT			2016-10-22 10:48:00	0x39C7371600	NO EVENT				
2016-10-22 10:49:00	0x39CCAE1400	NO EVENT			2016-10-22 10:49:00	0x39CCAE1400	NO EVENT				
2016-10-22 10:50:00	0x39D225DA00	NO EVENT			2016-10-22 10:50:00	0x39D225DA00	NO EVENT	~	Downlo	ading data,please wait	
			•								
	_										
Download		Exit		Link Again	Stop Download		Exit			Link Again	
	 _										

• Enter Setting/Other/<u>Download Directory</u> then check path of download file.

Server			
File Windows Control S	Settings Help		
🗁 🔍 🛠 🚞 🕅	, ter		
			Online: 1/41
			x
	Language	English	×
	LOG File Directory	C:\DVR\log	
	JEPG File Directory	C:\DVR\pic	
	Screen Avi Directory	C:\DVR\capture	
	TimeSpan(Minutes)	30	
	Download Directory	C:\DVR\record	
ananad	Event Directory	C:\DVR\event	
→ I → I	Ok	Apply	Exit

1.3 Uploaded File

Server									
File	Windows	Control	Settings	Help					
<u> </u>	S. 😪	it 🔁 🦉), 💷						
						Online: 1/	67	long	gitude:121
						DEMO-	8CH		81
						(TW)		Net Realtime Play	- 1
						2808X-		Net Recorded Play	
						(100) 3604/13		Uploaded File	
						(TW)		Device Info Control	
						3604-O		Delete from List	

Step1. Edit ick ini file (tx-message.ini) then entry your message on Text row (Text =xxxx).



Step2. Click ini file then assign file (tx-message.ini).



Step3. Press Upload button to send message.



1.4 Device Info Control

MDVR support 2 devices relay out, execute Device Info Control item that would work.



Select Relay 1/2 then click <u>OK</u>.



1.5 Delete from List

System would save the historical <u>Car ID</u> on Online list, user can delete the log via this command.



Step1. Select Car ID then click right.



Step2. Click Delete from List to remove Car ID on Online list



2. Features

2.1 Video converter to AVI

On playback mode, system provides video backup and converter to avi format on PC.

Step1. Select extract.





(3)Select output format to AVI / MOV / .dvr $\,$

(4)Select extracted camera (Channel).

• For AVI format you can chose SPLIT mode (all in one screen).

(5) Select drive parameter.

Step3. Click <u>Start</u> to extract.

	×
2016-01-05 13:15:01	
start time 2016-01-05 13:19:01	
end time CarGisPlayer X	
target directory C:\DVR\ Extracting completed!	
✓ AVI	CH4
☑ Date and Time ☑ Plate Number ☑ Temperatui ☑ Speed	d 🔽 Lng and Lat
Start	Close

• Play the <u>output files</u> –



Attached info - Plate Number

2.2 Draw the path

This function provides users to see the route for vehicle, use the time interval for viewing, reference HDD, SD, File three sources of information, to view the historical path.

Setp1.

Select the file source (file, HDD, SD), if system read file success, then status will from [ready...] after to [opened...].



Step2. Select tab Bar [Control] -> [Draw the path]



Step3.

Then it will pop out a window like below



[Src start time] is mean video start time; [Src end time] is mean video end time.

Step4.

User can refer src start time and end time to define the section how long you want to show on map. Then click button [Draw].



* User can see the start point and end point

X Note:

The Draw by <u>HDD</u> or <u>SD card</u>:

if the selected time less than 1 hour, the GPS coordinate interval 5 seconds.

If draw times more than 1 hour, the GPS coordinate interval 10 seconds.

The Draw by File source:

the GPS coordinate always interval 5 seconds.

Step5.

If user wants to clean the route, just click button [clear] The map will reset to original status.



2.3 Event Log

On <u>Server mode</u> System can review event log for each vehicle. There are many kinds of triggering events as below –

	Event Type Illustration										
Item	TYPE	Example									
1	Alarm	11:35:20 [00-1B-CC-00-66-4F], ALARM1 /ALARM2/ALARM3// ALARM8									
2	Video	12:15:07 [00-1B-CC-00-66-3E], VLOSS1 /VLOSS2/VLOSS3// VLOSS8.									
3	Relay	15:43:11 [00-1B-CC-00-66-4F], RELAY1 / RELAY2.									
4	TPMS	20:54:06 [00-1B-CC-00-66-3E], TPMS1 /TPMS2// TPMS12									
5	G sensor	<u>16:10:47 [00-1B-CC-00-66-58], G-sensor X / G-sensor Y / G-sensor Z.</u>									
6	Car speed	<u>12:56:06 [00-1B-CC-00-66-59], Car speed</u> .									
7	Time Adjust	08:43:17 [00-1B-CC-00-66-5C], Time adjust forward / Time adjust backward									
8	Temperature	<u>12:39:29 [00-1B-CC-00-66-5C], Over heat</u>									
9	Storage	<u>12:15:23 [00-1B-CC-00-66-47], HDD ERROR / SD ERROR</u>									
10	Geofence	11:35:29 [00-1B-CC-00-66-4F], GEO Outside									

• Select <u>CAR ID</u> / <u>Date</u>.

Server							
File	Windows	Control	Settings	Help			
<u> </u>		<u>-</u> 6) -66				
		- <u>8</u> 4					
2808 MC	0V19	2017.07	25 111	25,20 [0	0.18.00.00		ADM1
36-1641	AI	2017-07	11:	35:29 [0	0-1B-CC-00)-66-4F1, AL	LARM2.
36-VER 1	1.3.4		11:	35:36 0	0-18-CC-00)-66-4F1, AL	LARM3.
3604-00	CT04		12:	40:56 [0	0-1B-CC-00)-66-4F], Al	LARM1.
6317-GV	/		12:	41:02 [0	0-1B-CC-00)-66-4F], Al	LARM3.
ABC-280)8		12;	41:04 [0	0-1B-CC-00)-66-4F], Al	LARM2.
ABC-280)8T		12:	41:06 [0	0-1B-CC-00)-66-4F], Al	LARM1.
ABC-281	18H		11:	44:13 [0	0-1B-CC-00)-66-4F], Al	LARM2.
ABC-360	14		11:	45:54 [0	0-1B-CC-00)-66-4-], Al	LARM2.
APPLE-U	19		11;	40:03 [0	0-1B-CC-00	-00-4F], AL	LARM3.
CEMAD	01 DM		11:	32:02 [0	0-1B-CC-00	-00-4F], AL	LARM1.
CNC220	UIDM		14	32:02 [0	0-18-00-00	1-66-4E1 AL	
DEMO			14:	31:57 0	0-1B-CC-00)-66-4E], AI	ARM3.
DEMO-8	CH		1.1	01107 [0	V 10 00 00	- 99 ii]/ (i	
ES-0000	1						

• The event history will save on <u>Event Directory</u>

		X
Language	English	~
ř.		
LOG File Directory	C:\DVR\Jog	
Ē		
JEPG File Directory	C:\DVR\pic	
Screen Avi Directory	C:\DVR\capture	
TimeSpan(Minutes)	30	
2		
Download Directory	C:\DVR\record	
Event Directory	C:\DVR\event	
Ok	Apply	Exit

C:\DVR\event\36-164TAI				
^	名稱へ	修改日期	類型	5
	video	2017/7/25 下午 02:37	檔案資料夾	
*	2017-03-06.log	2017/3/6 上午 10:01	文字文件	
1	2017-03-07.log	2017/3/7 上午 09:41	文字文件	
1	2017-03-15.log	2017/3/15 下午 01:51	文字文件	
100	B 2017 02 17 log	2017/2/17下午11-27	六字六件	

2.4 Video-upload config

The event video clips can be backuped to loca directory (<u>VMS server</u>) automatically. Step1. Select <u>Settings</u> / <u>Video-upload config.</u>



Step2. Select and enable the event item.

			×
🗹 ALARM	VLOSS	RELAY	TPMS
G-Sensor	Car Speed	Time adjust	Temperature
	Ok	Cancel	

• If the alarm been triggered, the system will backup a video (20 second) on Event Directory.



▲ 名稱	^		1000000	
		修改日期	類型	大小
[36	-164TAI]-20170725-143157(ALARM03).dvr	2017/7/25下午 0	DVR 檔案	18,777 KB
[36	-164TAI]-20170725- <mark>1</mark> 43157(ALARM03).inx	2017/7/25下午0	INX 檔案	1 KB

2.5 Geofence

Before using the geofence feature, please enable <u>ActiveX</u> componet.

2.5.1 Edit Geofence

1. Select Settings /Geofence Editor on Server mode.

2. Setup Geofence:

* Select <u>Yes to allow Activex control component</u>.



. 😪 늖 Server/Clien User Account Video-upload o Purb Contro 4

×

Steed: Onleh Temp:0 °C

* Select <u>Yes</u>



* Select Geofence editor.

1 2 3

0 mile/h

6 T T



* Move your mouse to selected point then click left mouse.



* Move your mouse to second selected point then click left mouse.



* **Double click** <u>red point</u> to close the fence.



* Select Save



3. Enable Geofence function:

* Click Settings/ Open/Close geofince item to turn on function.



2.5.2 Geofence Alarm

When the Vehicle cross the geofence, system will triggered alarm and remark a "!" icon on Car ID.

Online:3/7	longitude:121.063728,latitude:25
ABC_001 (TW)	① _{0/2} 地圖 衛星檢視
ABC-3604 (TW)	① _{0/2}
KCA-M01 (TW)	① _{0/2}
A SIA (TW)	0/2
CNC220 (TW)	
SAHABAT7515 (TW)	0/2
SS.003 (TW)	0/2
	2 桃園市
	新竹市 3 地園資料 @2017 Google 使用條款
	Geofence Enable

• Click this "<u>!</u>" icon, system will popup info message.

lelp			
	Online: 3/7	lon	ngitude:121.063728,latitude:2
	ABC_001 (TW)	① _{0/2}	地圖 衛星檢視
	ABC-3004 (1W)	① _{0/2}	
	KCA-M01 (TVV)	() _{0/2}	
	A SIA (TW)	0/2	
Info	CNC220 (TW)	0/2	—
		0/2	ABC_001
2017-03-23 14:48:34 GE	EO Outside event	0/2	KCA
確定	取消		新竹市
		5	Google 地園資料 使用條
		Ge	ofence Enable

• Also after VMS Cargisplayer server alarm be triggered that would send the notice to GuardVMS app (Mobilephone) as below:



2.6 Push Alarm Settings

2.6.1 <u>Alarm trigger</u>



• Alarm had been triggered: The alarm Icon has changed to Red.



2.6.2 Video Clip Settings

Before system capture event video automatically, user need refer the settings as below:

Step1. Select Settings / Video-upload config.



Step2. Select and enable the event item.

	-		×
ALARM	VLOSS	RELAY	TPMS
G-Sensor	Car Speed	Time adjust	Temperature
Storage			
	Ok	Cancel	
			.

2.6.3 Push alarm on Mobile vendor



Step 1. Access VMS server.

Step 2. Select Settings/ Alarm..





• When Alarm be triggered the VMS will send a notice to APP program.



Step 1. Click Red icon

Step 2. Select event item



Step 3. Chose remote Play event or save video on mobile vendor.

