

# OTA Device upgrade automatically Sim Card 720P AHD MDVR 4ch Car Mobile DVR

(RCM-MDR 7104 Series)

## Product features

Remote Viewing Surveillance 3G 4G GPS WIFI HDD Mobile DVR

1. H.264 Compression Mode, support 4CH real-time 720P Mega Pixel AHD input and Analog Standard Definition camera input, or 2ch HD input + 2CH SD input.
2. Exclusive pre-allocate DVR Special File System Technology, solving repeatedly wipe cause file fragmentation, solving SD Card file system collapse, data loss and cannot find SD CARD and file garbled, ensure the integrity of the data.
3. 8-36V Adaptive Wide Voltage input, Super low Power Consumption Design;
4. HDD+SD Card storage( maximum support 2TB 2.5'' Hard disk and 128GB SD Card. ) It can be completely resist car Vibration, Dust and others cause data corruption;
5. Support GPS/BD/G-Sensor; High Reliability Aviation Connectors.
6. High Cost Performance with reliable stability, simple and clear operation menu.

RCM-MDR 7104 Series	
Model NO.	Function
RCM-MDR7104XXXI	Basic Recording,G-Sensor
RCM-MDR7104WGXX	3G, GPS, G-Sensor
RCM-MDR7104FGXX	3G, 4G, GPS, G-Sensor
RCM-MDR7104WGWX	3G, WIFI, GPS, G-Sensor
RCM-MDR7104FGWX	3G, 4G, WIFI, GPS, G-Sensor

## Detail pictures

H.264 Compression,support 4CH 720P real-time video recorder mobile dvr



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#### Front LED Indicators



H.264 Compression,support 4CH 720P real-time video recorder mobile dvr

### Back Panel IO Indicators



### Richmor surveillance GUI

The main menu includes: Search, System setup, Rec setup, Network setup, Alarm setup, Peripheral setup, System Tools, System Information, as below:

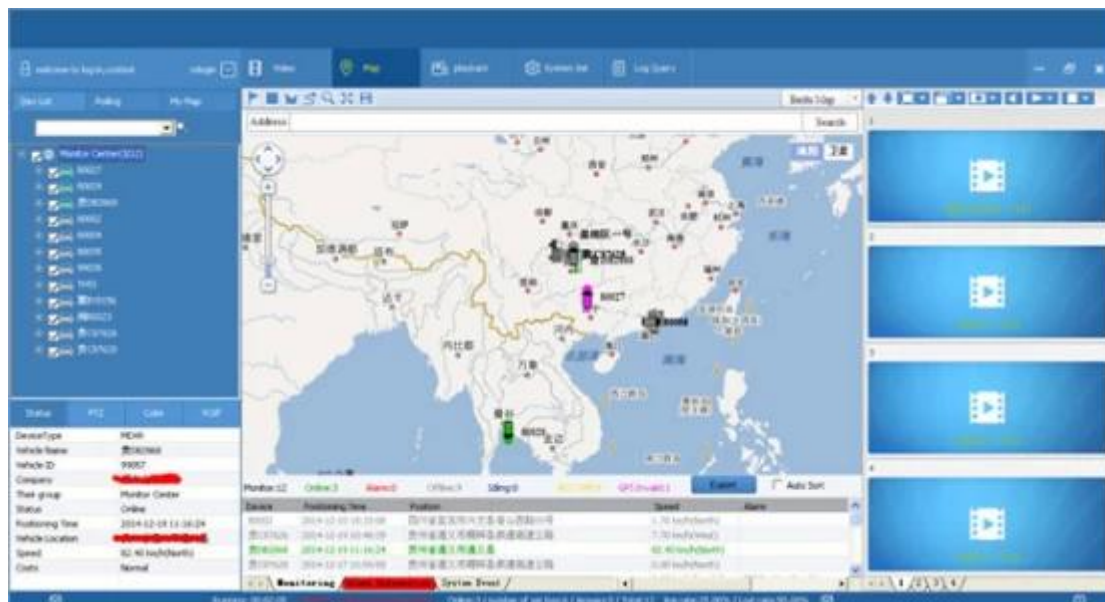


### RCM-MDR7104 Parameter Sheet

Item		Parameter
OS		Linux
Language		English/Chinese/Customized
Video Compression		H.264 Compression
OSD		Overlays information such as date time and vehicle ID
GUI	Graphical User Interface	Setup system parameters with the remote control.
Video Record System	Video Input	4CH 720P AHD input/SD input/ mixed input,aviation connector, 1.0Vp-p, 75Ω
	Video Output	2CH CVBS+ VGA output for optional, 1.0Vp-p, 75Ω,Aviation,Support 1CH Full Screen, 4CH Screen view
	Preview	Support 1 channel and 4 channels preview., Support Manual/Alarm Trigger full screen preview
	Resolution	720P/D1/HD1/CIF, MAX:4 channels 720P and 4 channels D1
	Image Quality	0-7 levels, 0 is the highest level.
	Video Standard	PAL: 100f/s , CCIR625 line,50field; NTSC: 120f/s, CCIR525 line,60field; CIF: 256Kbps ~ 1.5Mbps, 8 level video quality optional; HD1: 600Kbps ~ 2.5Mbps, 8 level video quality optional; D1: 800Kbps ~ 3Mbps, 8 level video quality optional; 720P: 4Mbps-6Mbps, multi level video quality optional
	Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported.
Audio	Audio Input	4CH Aviation Plug Input
	Audio Output	2CH,headphone connect at front panel, BNC Connect on Back panel
	Compression	G.726 compression, 8KB/s speed
Alarm Input		7CH Alarm Input,1CH AD Input, impulse speed input,Alarm Linkage
Alarm Output		2CH Alarm Output,Support Light/ Sound alarm sensor,Oil/Power cut off
Interface		3CH RS232, POS/Fuel Sensor/ LED Advertisement Connection
		2CH 485 Interface,Connect PTZ Camera
		2CH CAN interface
Wireless Transmission		Support Built in 3G transmission, WCDMA, CDMA2000,GPRS, EDGE Built in 4G module optional, TDD-LTE, FDD-LTE
GPS Position		Support Built GPS/BD Module
	HDD	Max 2.5" 2TB HDD
Storage	SD Card	Max 128GB SD Card Mirror Recording Keep Data Safety
	Update	Support USB Updating, SD Card Updatin, OTA Remote Updating
	File Format	H.264
	File System	Special FAT32 File System

	USB	USB Interface on Front Panel for data back up by U Disk,Hard Disk
Record Replay	Video Search	Search By Record Time/Record Type etc
	Playback	Max support 4CH Replay /Stop/Fast/Slow at same time Support forward and backward play at the speed of: x 2,x4,x8,x16.
Security		User/Admin 2 Level Different Password
Optional Functions	Voice Call	Support voice call each other
	Serial Expand	Support LED Advertisement Panel□Oil Sensor□POS□Bus Station Broadcaster□ Car OBD,ect.external de vice
Voltage & Power	Power Management	Wide Voltage.Support Timed/Delay off
	Input Voltage	DC: +6V - +36V
	Power	Working □5W
	Temperature	-20℃ - +70℃
Working Environment	Humidity	20% - 80%
	Size	200 □D□* 187□W□* 62□H□ mm
Others	Weight	1.90 Kg

## Player software interface (CMSV6 In PC )



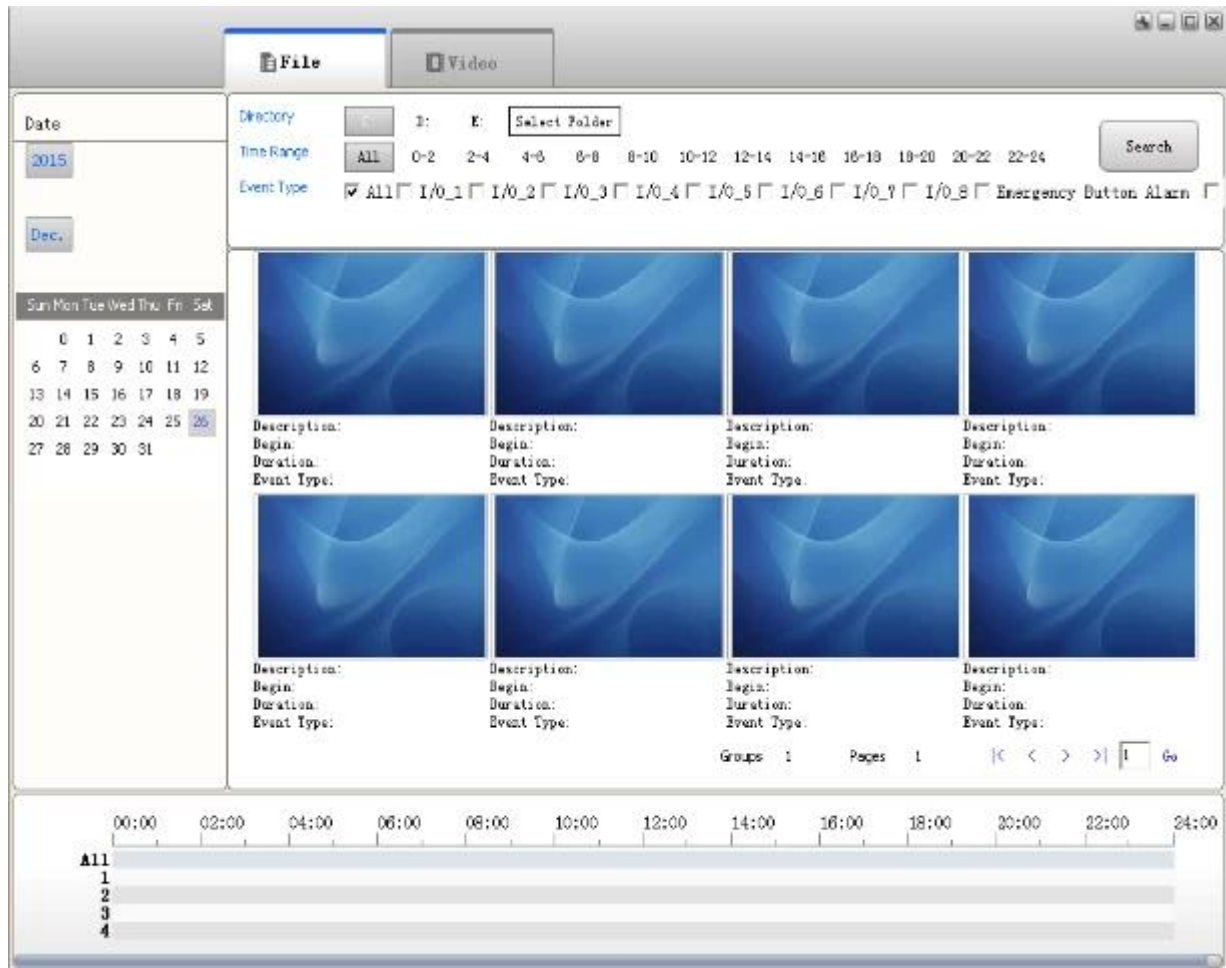
## CMSV6 In Mobile Phone.

Have all in the palm of your hand


Real-time monitoring via Mobile Phone --Support iPhone, Android, iPad system



**Surveillance platform Playback**



## Richmor Mobile DVR Mileage Summary

Vehicle Management System				Welcome! 销售客户   Manager   Exit			
Report				Device			
Report				User			
				<b>Mileage Summary</b>			
Begin Time: 2016-01-08 00:00:00 To: 2016-01-08 16:27:09				Device: All Devices <a href="#">Select Device</a> <a href="#">Query</a> <a href="#">Export To Excel</a> <a href="#">Export To Csv</a> <a href="#">Export To Pdf</a>			
<b>Mileage Summary</b>							
Index	Vehicle	Total Mileage(KM)	Begin Time	Start Mileage(KM)	Start Position	End Time	End Mileage(KM)
1	粤B3114	174.88	2016-01-08 09:03:32	22.85	22.534264, 114.006444	2016-01-08 16:25:41	157.83
2	粤B3130	202.07	2016-01-08 07:33:17	18.1	22.884239, 112.832902	2016-01-08 16:25:28	171.57
3	24012	277.42	2016-01-08 07:09:55	23.41	23.368962, 118.675227	2016-01-08 14:57:24	300.83
4	冀A78248	97.4	2016-01-08 00:00:25	258.97	41.573485, 118.708245	2016-01-08 09:42:39	41.09
5	24023	0	2016-01-08 00:00:07	16.26	37.758759, 120.731127	2016-01-08 16:19:07	16.26
6	鲁QW5387	416.36	2016-01-08 06:09:54	96.88	35.462432, 117.643793	2016-01-08 16:20:11	92.83
7	鲁780712	120.98	2016-01-08 04:48:40	26.51	35.878478, 117.681941	2016-01-08 14:25:07	144.90
8	粤B3250	45.81	2016-01-08 00:00:03	138.13	22.654394, 112.408933	2016-01-08 16:15:15	115.82
9	粤B05153	40.61	2016-01-08 00:00:27	82	22.654197, 112.497685	2016-01-08 16:11:28	73.72
10	粤B35368	111.72	2016-01-08 00:00:15	145.61	22.654321, 112.468845	2016-01-08 16:24:48	93.9
11	粤B3010	52.02	2016-01-08 00:00:10	93.24	22.654234, 112.497795	2016-01-08 16:15:55	57.82
12	鲁A43883	855.88	2016-01-08 00:00:29	354.36	35.952642, 117.658700	2016-01-08 16:24:44	1008.74
13	24058	224.42	2016-01-08 07:00:58	44.57	37.943788, 118.844070	2016-01-08 16:17:34	60.4
14	28998	2.36	2016-01-08 13:13:08	17.6	28.734423, 121.225947	2016-01-08 13:57:27	19.81
15	01568	369.29	2016-01-08 00:00:54	51.04	30.733005, 115.868821	2016-01-08 16:03:58	420.33

**Remote Viewing Surveillance 3G 4G WIFI GPS Mobile DVR Taxi solution**

# 出租车监控解决方案

## TAXI SOLUTION

Richmor 锐驰曼



### 功能特点 Features



实时监控, GPS定位  
Real-time Video,  
GPS positioning

运营管理  
Fleet Management



紧急报警 Emergency Alarm



历史轨迹查询  
GPS Position and Path Track



广告发布 Advertising



乘客状态显示  
Passenger status display

采用高压缩比, 图像清晰的H.264编码格式, 支持开机录像、定时录像及报警录像, 支持ACC熄火延时录像。内置GPS全球定位系统, 可通过3G网络远程查看实时视频, 车辆位置, 回放历史录像。支持手机远程监控。Adopt H.264 Video Compression, support Auto Recording, Timed Recording, Alarm Recording, also ACC Power on/off Recording. Built-in GPS System, can view the real time video and Vehicle Position, replay Historical Video through 3G, Mobile Phone real time view supported.

具有线路调度, 运营监控管理功能; 可通过可视化调度指挥、语音广播、双向对讲、语音通话、文字短信等信息交互, 及时处理各种事件, 比如塞车、车辆故障、交通事故等。  
With Line Scheduling and operation management function, can handle all kinds of emergency thing such as heavy traffic, Vehicle Breakdown, traffic accident through Real time video, Broadcast, Intercom talk back function etc.

遇到抢劫等突发事件时, 驾驶员可隐蔽地触发紧急报警按钮, 管理中心会立即发出警报声, 自动弹出现场视频, 启动录像, 工作人员可根据现场情况及时应对处理。  
Taxi Driver can click the Emergency Button concealed when meet rob, a small window will show with sound alarm in center office and start recording, the office man can handle it according the video condition.

车辆行驶的历史轨迹记录, 监控管理中心可以在电子地图上远程回放, 重现车辆的行驶过程。  
A blue mark in the map show the vehicle driving route automatically and continuous, refresh the Vehicle latest Position. Remote replay the vehicle driving route in map at center office.

控制和下发LED显示屏的显示信息, 包括各种商业广告信息、公益信息、政府的方针政策、交通信息、天气预报等各种信息。  
Control and send the information including: Commercial information, public information, government policies and regulations, traffic information, weather forecast etc to LED Screen, fast reaction convenient for information advertise and control.

不用开启视频监控, 运营管理中心也可实时显示出租车辆的载客状态, 便于统一调度管理, 高效利用资源。  
Without Real time Video, the office man can also know the Taxi Passenger condition, convenient for Taxi fleet management saving the resource, more efficient.

## Richmor Actual Case



## Application

Widely used in passenger car, bus, taxi, school bus, lorry, dangerous vehicle, personal car and ship etc.



Travelling Bus



Public Bus



Dangerous chemical car



Tobacco Logistics



Taxi



Truck



School Bus



Express Logistics



Road Police Car



Border Car



Traffic Inspection Car



Civil Work Vehicle



Escort Vehicle



Ambulance



Fixed place monitor



Ship Monitor

## Buying Guides

## Shipping Info

### Estimated Shipping Time

- 3-5 working days after payment cleared for sample order.
- 5-10 working days after payment cleared depends on order quantity for bulk order.

### Remarks:

- Order will be dispatched before next 2 working day after full payment is done, 48 hours aging time;

2.Related documents will be sent after order is dispatched,please check mail;

3.All parcels will be shipped by DHL/TNT/UPS/EMS/FedEx/Air etc according your option;

## Payment Info

1.T/T;Western Union;Paypal optional;

2.30% deposit,balance be paid before delivery

### Remarks:

Please sent bank slip when payment done,according this we will arrange the production

## Warranty Info

### Free Replacement:

Mobile DVR Recorder can replace free under conditions within 15 days after sale,in the precondition of our quality problem,non-artificial damage

## Supplier Warranty:

We offer ONE YEAR warranty on Vehicle Mobile DVR Recorder,if your item has any warranty issue please contact us for a satisfying solution

### Remark:

All qualified returns/replacement must be guided by us,we may not accept your return without informing us in advance

## Service

1. Well Trained Sales Team and strong engineers for fast and professional support.
2. OEM/ODM Service



## CUSTOMER SATISFACTION

- Excellent Aftersale service
- 12 months warranty
- 24 hours customer service
- We understand the importance of our customers

## Certifications



## Exhibition

**Richmor**

CPSE2012 in Shenzhen



CPSE2013

10.29-10.31

4 Booth we have

Welcome you !!!



CPSE2012-- Guangdong TV Report-Shenzhen Richmor



**About us&Customers:**



## EXCELLENT SUPPORT



## What is our expectation

**Being your helpful and long term partner meeting your requirement.**

**Any question about your vehicle project, contact our representative Vicky.**

**Email: [overseasales-7@rcmcctv.com](mailto:overseasales-7@rcmcctv.com)    Skype: rcmcctvsales7**