

# 4 ch gps 3g mdvr with PAL NTSC video standard supported

(RCM-MDR210 Series)

## Product features

Remote Viewing Surveillance 3G 4G Mobile DVR

1. H.264 Compression Mode, support 4CH real-time 720P Mega Pixel AHD input and Analog Standard Definition camera 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. 10-36V Adaptive Wide Voltage input, Super low Power Consumption Design;
4. SD card storage ( 2SD cards, Each maximum support 128GB) 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 210 Series	
Model NO.	Function
RCM-MDR210XXI	Basic Recording,G-Sensor, Single SD card slot
RCM-MDR210XGXX	GPS, G-Sensor, Single SD card slot
RCM-MDR210WGSX	3G, GPS, G-Sensor, Dual SD card slot
RCM-MDR210FGSX	3G, 4G, GPS, G-Sensor, Dual SD card slot
RCM-MDR210WGDY	3G, WIFI, GPS, G-Sensor, Dual SD card slot
RCM-MDR210FGDY	3G, 4G, WIFI, GPS, G-Sensor,Dual SD card slot

## Detail pictures

Remote Viewing Surveillance 3G 4G wifi Mobile DVR



Device back view

### **Remote Viewing Surveillance 3G 4G wifi Mobile DVR**



Device front view

**Romote Viewing Surveillance 3G 4G wifi Mobile DVR**

**LED Indicators**



**Romote Viewing Surveillance 3G 4G wifi Mobile DVR**

**Back Panel**



**RCM-MDR210 Parameter Sheet**

Item		Parameter
OS		Linux
Language		Chinese/English/Customized
Video Compression		H.264
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 video input, aviation connector, 1.0Vp-p, 75Ω
	Video Output	1CH CVBS+1CH VGA output, 1.0Vp-p, 75Ω,Aviation,Support 1CH Full Screen,4CH Screen
	Preview	Support 1 channel and 4 channels preview. Support Manual/Alarm Trigger full screen preview
	Resolution	720P/D1/HD1/CIF, MAX:4 channels 720P
	Video 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
	Audio Output	1CH,Aviation Plug
	Compression	G.726 compression, 8KB/s speed
Alarm Input		4Ch Alarm Input, kinds of alarm linkage support
Alarm Output		1CH Alarm Output
Communication interface		1CH RS232 or 1CH RS485 for optional
Position		Support Built GPS/BD Module, built in G-sensor, can replay and analyse vehicle driven route.
wireless transmission		Support Built-in 3G/4G wireless transmission function, WCDMA, CDMA2000, TDD-LTE, FDD-LTE....
Motion Detection		Support motion detection alarm. (Can set the video recording duration time after alarm on platform.)
G-Sensor		Support G-sensor
Storage	SD	Dual SD Card,each max 128GB SD Card loop recording
	Upgrade	Support SD Card remote updating
	File Format	H.264
	File System	Special FAT32 File System
Video Playback	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.
Voltage & Power	Power Management	Wide Voltage.Support Timed/Delay off
	Voltage Input	DC:+8V ~ +36V
	Power Consumption	Normal Working □14W , Stand-by status < 0.5W
	Temperature	-20℃ to +70℃
Working Environment	Humidity	20% to 80%
	Password	User/Admin 2 Level Different Password
Security	Size	112(W) x36(H) x138(D) mm
others	Net Weight	360g

## Richmor surveillance GUI

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



## Richmor Mobile DVR Mileage Summary

Vehicle Management System							
Welcome! 请客用户   Manager   Exit							
Report Device User							
Mileage Summary							
Begin Time: 2016-01-08 00:00:00 To: 2016-01-08 16:27:09							
Device: All Devices Select Device Query Export To Excel Export To Csv Export To Pdf							
Mileage Summary							
Index	Vehicle	Total Mileage(KM)	Begin Time	Start Mileage(KM)	Start Position	End Time	End Mileage(KM)
1	鄂D3114	174.86	2016-01-08 09:00:30	22.95	22.524294, 114.008444	2016-01-08 16:25:41	157.83
2	鄂D3130	202.07	2016-01-08 07:30:17	18.1	22.584294, 112.882802	2016-01-08 16:25:28	171.57
3	24012	277.42	2016-01-08 07:09:55	23.41	23.389582, 116.675227	2016-01-08 14:57:24	300.63
4	鄂A78248	97.4	2016-01-08 00:00:25	236.97	41.572492, 116.788245	2016-01-08 06:42:38	41.09
5	24023	0	2016-01-08 00:00:07	16.28	37.158759, 120.731127	2016-01-08 16:19:07	16.28
6	鄂QF387	416.36	2016-01-08 08:09:54	96.88	35.461432, 117.843783	2016-01-08 16:28:11	92.83
7	鄂B81712	120.98	2016-01-08 04:48:43	26.51	36.876478, 117.681541	2016-01-08 14:25:07	144.92
8	鄂B8250	45.81	2016-01-08 00:00:03	138.13	22.654294, 112.482583	2016-01-08 16:15:15	115.82
9	鄂B5153	48.61	2016-01-08 00:00:27	82	22.654187, 112.487655	2016-01-08 16:11:28	73.72
10	鄂B5368	111.72	2016-01-08 00:00:15	145.61	22.654321, 112.488645	2016-01-08 16:24:48	93.9
11	鄂B5010	52.02	2016-01-08 00:00:10	83.24	22.654294, 112.487785	2016-01-08 16:15:55	57.82
12	鄂AK383	895.08	2016-01-08 00:00:29	354.36	36.950843, 117.658781	2016-01-08 16:24:44	1009.74
13	24058	224.42	2016-01-08 07:00:58	44.57	37.949786, 116.844073	2016-01-08 16:17:34	60.4
14	28998	2.36	2016-01-08 13:13:08	17.6	28.734423, 121.238947	2016-01-08 13:57:27	19.81
15	00588	369.29	2016-01-08 00:00:54	51.84	33.733305, 115.863821	2016-01-08 16:00:58	420.33

## Player software interface

The screenshot displays a vehicle monitoring software interface. The main window features a map of China with a vehicle's location marked. On the left, there is a sidebar with a tree view showing a hierarchy of vehicles under 'Monitor Center (212)'. Below this, a table lists vehicle details including ID, Name, and Status. The bottom section shows a 'Playback' window with a timeline and a list of events, including 'Positioning Time', 'Vehicle Location', and 'Speed'. The interface includes various navigation and control buttons at the top and bottom.



# Romote Viewing Surveillance 3G 4G Mobile DVR 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



采用高压压缩比, 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.



出租车  
监控解  
决方案



紧急报警 Emergency Alarm

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.



历史轨迹查询  
GPS Position and Path Track

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 recoding, 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.



广告发布 Advertising

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 sent 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.



载客状态显示  
Passenger status display

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

### Packaging

1 unit with all standard accessories such as AV Cables/IO Cable/Power Cable/Key etc

Neutral paper box or Color paper box with Logo Richmor printed,also welcome customized package.



Richmor Brand Package



Standard Package

## Cooperation Terms

## Shipping Info

### Estimated Shipping Time

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

### Remarks:

- 1. 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:**









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**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.**

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