

## Richmor RCM-MDR210

# Classical Mobile DVR for 4 channels AHD Realtime Input Full Function DVR

### Product Description

#### 720P AHD SD Card Mobile DVR-MDR 210 Series.

H.264 Compression mode,support 4ch real-time 960p Mega pixels HD input and analog standard Definition camera input;

8-36V adaptive wide Voltage input,high reliability Aviation connectors,high cost performance with reliable stability.

Super low consumption Design;

SD card storage (Dual SD cards,each maximum support 128GB)

It can be completely resist car vibration,dust and others cause data corruption.

### Product Features:

- ◆ **HIS Solution,H.264 Compression, Multiple stream recording, support 4CH 720P AHD input/ 4CH analog standard definition Camera input/2CH HD + 2CH SD mixed input;**
- ◆ **High quality real time recording, 720P/CIF/HD1/D1 Optional, quality adjustable;**
- ◆ **Professional Car Power Design,8-36V wide voltage,Provide reverse voltage/overload/short circuit protection, to meet kinds of car application;**
- ◆ **Support 12VDC/3Amp output voltage,power supply for Camera/Screen etc;**
- ◆ **Max 2TB HDD + 128GB SD Card Mirror Recording,protect DVR from shock & Dust damage;**
- ◆ **Watchdog abnormal restart function,protect SD Card and Record;**
- ◆ **Exclusive pre-allocate DVR Special File System Technology,Solving repeatedly wipe cause file fragmentation, and ensure the integrity of the data.**
- ◆ **ACC Delay off,can set 24 hours;**
- ◆ **Unique UPS Technology ensures the integrality of record when power failure occurs,even can for 10-15s.**
- ◆ **Auto Record/Manual Record/Alarm Record etc working mode to meet different requirements;**

- ◆ **Show Car status/Plate/Driving Route/Low Speed/Over Speed information for convenient management;**
- ◆ **Support GPS/BD,3G/4G Module Optional,WIFI extend;**
- ◆ **Strong Network,device configure via IE Web,Support SMS Get device information and configure;**
- ◆ **Support Monitoring,Intercom, PTZ, Alarm,Overspeed,Geo Fence etc through remote control platform;**
- ◆ **8CH Alarm input(Door Open,Light,Turn direction,brake,reverse etc),can linkage kinds of alarm;**
- ◆ **2CH Alarm Output,Support Light and Sound alarm sensor,Oil/Power cut off;**
- ◆ **High level aviation interface,easily installation and better shockproof, more stable;**
- ◆ **Support Local Auto-photo when alarm input.**
- ◆ **Easily Smart GUI Interface, saving time in device setting;**
- ◆ **Strong Stable Application,Support 3G/4G Realtime monitor, talkback,playback,record,picture snap etc;**
- ◆ **Updated through SD or OTA Remote Automatic updating,more stable and convenient;**
- ◆ **Support Phone Remote Monitor,3G Phone Calling etc;**
- ◆ **Support PTZ/POS/Oil Sensor/LED Advertisement Panel etc;**
- ◆ **Support Ministry of Transport Standard Agreement**
- ◆ **Be Customized according your request;**

| 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;<br>NTSC: 120f/s, CCIR525 line,60field;<br>CIF: 256Kbps ~ 1.5Mbps, 8 level video quality optional;<br>HD1: 600Kbps ~ 2.5Mbps, 8 level video quality optional;<br>D1: 800Kbps ~ 3Mbps, 8 level video quality optional;<br>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 alarmlinkage support  |
| Alarm Output            |                          | 1CH Alarm Output  |
| Communication interface |                          | 1CH RS232 or 1CHRS485 for optional  |
| Position                |                          | Support Built GPS/BD Module, built in G-sensor, can repaly and analyse vehicle driven route.  |
| wireless transmission   |                          | Support Built-in 3G/4G wireless transmission function, WCDMA, CDMA2000, TDD-LTE, FDD-LTE....  |
| <b>Motion Detection</b> |                          | <b>Support motion detection alarm. (Can set the video recording duration time after alarm on platform.)</b>   |
| 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       | .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<br>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  |
|                     | Voltage Output    | +12V@2.5A, +5V@2.5A  |
|                     | Power Consumption | Normal Working <14W , Stand-by status < 0.5W   |
| Working Environment | Temperature       | -20°C to +70°C   |
|                     | Humidity          | 20% to 80%   |
| Security            | Password          | User/Admin 2 Level Different Password  |
| others              | Size              | 112(W) x36(H) x138(D) mm   |
|                     | Net Weight        | 360g   |

## Our Company

### Shenzhen **Richmor** Science & Technology Development Co.,Ltd

Shenzhen Richmor Science & Technology Development Co.,Ltd, is a high-tech corporation specialized in developing,producing and selling intelligitized digital CCTV systems.

Our products mainly include 3G/4G mobile DVR, network /analog million pixels High definition SD card/HDD mobile DVRs, 3G/4G portable DVRs for Law enforcement;

And many kinds of cameras;Including CCTV night viewing HD PTZ Camera,analog car cameras,car high definition cameras and other professional car CCTV equipment.



**Richmor** Brazil, Sao Paulo

**EXPOSEC**  
FEIRA INTERNACIONAL DE SEGURANÇA

10 a 12 maio de 2016  
das 13h às 20h  
São Paulo Expo - Exhibition & Convention Center



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**Mips** Moscow 2016

**IFSEC International**  
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## Packing & Delivery

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Box with Richmor



Neutral Box

### Professional Packing

We can offer brand box or as you request.

Offer all standard accessories.

We offer customized service.

12 months warranty.

24 hours service and aftersale service



Container Loading



Ocean Carriage



Air Transportation

## Support all vehicles

Omnibearing Viewing and Total Vision Protection



School Bus



Transit Bus



Taxi & Cab



Trucks



Enforcement



Vessel





## Our Service

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### Excellent Support

- \*Powerful R&D team
- \*Complete product range
- \*Customized service(ODM and OEM are welcome)
- \*Excellent quality and competitive price
- \*Industry experience for Several years



### Customer Satisfaction

- \*High efficiency to meet your requirements
- \*Professional 24 hours customer service and after-sale service
- \*12 months warranty
- \*We understand the importance of our customer



**We have already served so many drivers and vehicle companies in worldwide!**

## FAQ

**Q:Are you factory manufacturer or trade company?**

We are factory manufacturer,we have our own factory and technology/skill support,we have engineers to support/take charge of R&D ,resolve problems product.

Q: Does the MDVR support Hard drive and SD card?

Yes, HDD version MDVR supports SSD, HDD, and SD card. SD card version MDVR supports max 2 SD card. The storage capacity can be from 32GB to 2TB.

Q: Is it difficult to install MDVR into the vehicle?

Actually it is easy to install it into vehicle. Most driver can figure out how to connect the power cables. And the camera installation is more easy. Just screw, connect and mount on the target place inside the vehicle.

Q: If I need door open and close alarm, overspeed alarm, reverse video, brake video, left-turn video, right-turn video, etc, is it available?

Definitely yes! The I/O RS232 and 485 extension port is for all expanded purposes, including the functions above. In fact, there are more customized functions which can be connect through this port, such as Fuel sensor, Counter system, PTZ camera, and so on.

Q: We have our own platform and server, can we use your MDVR? Do you have SDK or can you do customized platform for us?

Yes, we have SDK ready and welcome your OEM customized order!

Q: Does the MDVR come with accessory, such as HDD, SD card, Microphone, Camera, Extension cable etc?

We have all accessories ready. You can ask us to make the complete quote for one whole set. Normally the MDVR doesn't include any accessory. Therefore it is advisable to inform us about your target accessory. All are can done right here. One-stop-serve purchasing.

Q: Can I get a sample to test before formal order?

Yes, you can. We can provide sample with 1 month test period. It will demand some deposit and the delivery (both send and resend) cost is supposed to be on your own side. If the deliver cost is not so high, we recommend this way. If not, then we do not recommend you do this.

Do not forget the import tax as well.

**Q: How many camera in one set? Can I use my own accessory?**

A: The accessory depends on you. The normal quotation is based on MDVR only. The accessory would not be quoted until you ask for them. And it is oK to use your own accessory. It is compatible.

**Q: What can I do if the MDVR fails to work?**

A: You can send it back to us. Remember that we provide 12 months quality warranty under normal use. If you send it back, we will inspect the MDVR in details and repair it for you. However we seldom have

returned defective MDVR. The quality is rather good!



Welcome to contact **Sylvia** for more details

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