

# 4ch SD card h264 CCTV Mobile DVR for all kinds of vehicles

(RCM-MDR210 Series)

## Product features

### 4ch 720P 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-MDR210XXXI	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-MDR210FGDX	3G, 4G, WIFI, GPS, G-Sensor,Dual SD card slot

## Detail pictures

**4ch 720P 3G 4G Mobile DVR**



Device back view

**4ch 720P 3G 4G Mobile DVR**



Device front view

4ch 720P 3G 4G Mobile DVR

### LED Indicators



4ch 720P 3G 4G 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°C to +70°C
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:



## Online software interface

Mobile monitoring and management platform

Welcome to log in! FCHTEST System

Video Map Playback System Set Log Query Extend App

Dev List Polling My Map

Monitor Center(112)

- 桂KY7569
  - CH1
  - CH2
  - CH3
  - CH4
- 桂KY7586
  - CH1
  - CH2
  - CH3
  - CH4
- 桂KY7599
- 贵C26562
- 贵C A6446
- 80319
- 贵F95001
- 桂KY7507
- 贵B0024

Status PTZ Color VOP

Device type MDVR  
Vehicle Name 桂KY7586  
Vehicle ID 20041  
Company  
Their Group Monitor Center  
Status Online  
Positioning Time 2015-07-23 11:53:57  
Location 广西壮族自治区玉林市博白  
Speed 0.00 km/h(Northeast)  
Costs Normal

1 桂KY7586 - CH1 - 10 KB/S  
2 桂KY7586 - CH2 - 4 KB/S  
3 桂KY7586 - CH3 - 29 KB/S  
4 桂KY7586 - CH4 - 0 KB/S

Monitor:2 Online:2 Alarm:0 Offline:0 Idling:0 ACC OFF:0 GPS Invalid:0

Device	Positioning Time	Position	Speed	Alarm	Sta
桂KY7569	2015-07-23 11:53:47	广西壮族自治区玉林市博白县兴隆中路10号	0.00 km/h(West)		(On)
桂KY7586	2015-07-23 11:53:57	广西壮族自治区玉林市博白县S216	0.00 km/h(Northeast)		(On)

Address Search

玉柴配套产业园

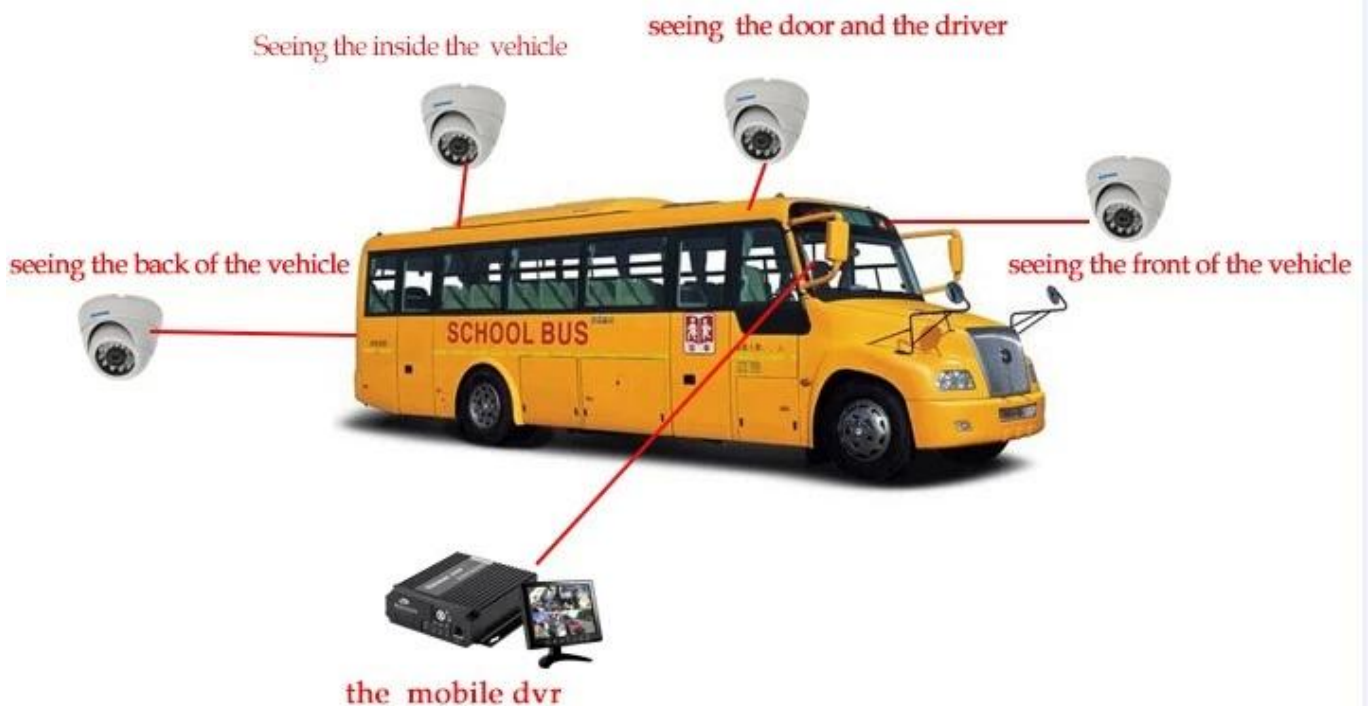
桂KY7586  
Time:2015-07-23 11:53:57  
Mileage:8.92 km  
Speed:0.00 km/h(Northeast)  
Position:广西壮族自治区玉林市博白县  
Status:(Online)ACC ON,SD Card:Error,Network up  
Network:3G

200 米

Running: 00:02:05 Online:6 / Number of set loss:4 / Alarms:0 / Total:12 Live Rate:50.00% / Lost Rate:30.33%



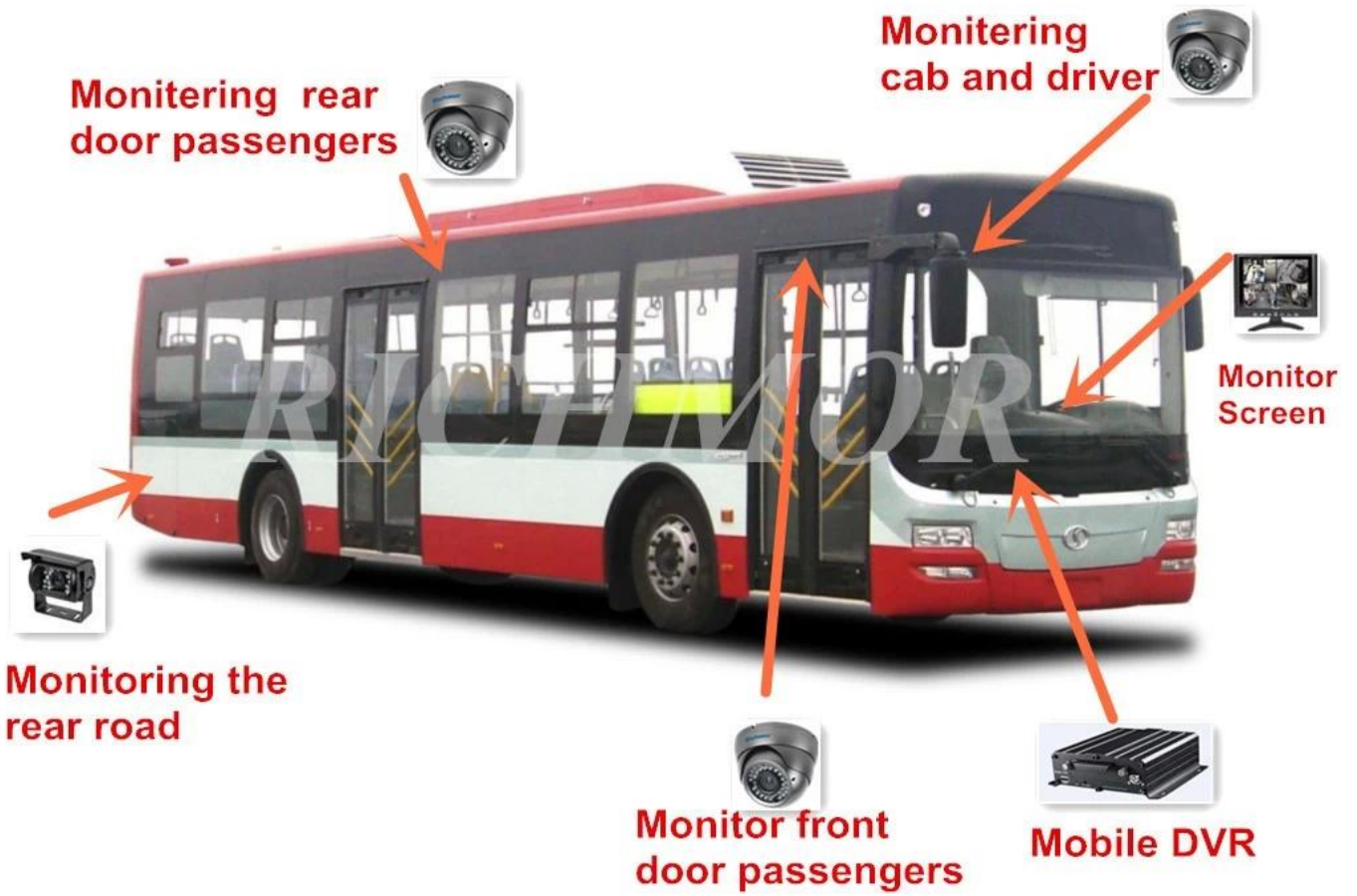
## Romote Viewing Surveillance 3G 4G Mobile DVR School bus solution



## The Professional Mobile DVR Solution For Truck



# Professional Mobile DVR Solution for Bus









## 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





Richmor Brand Package



Standard Package

## Certifications

# Certification

国家高新技术企业



高新技术企业



诚信合作单位

广东电信设备科技股份有限公司





















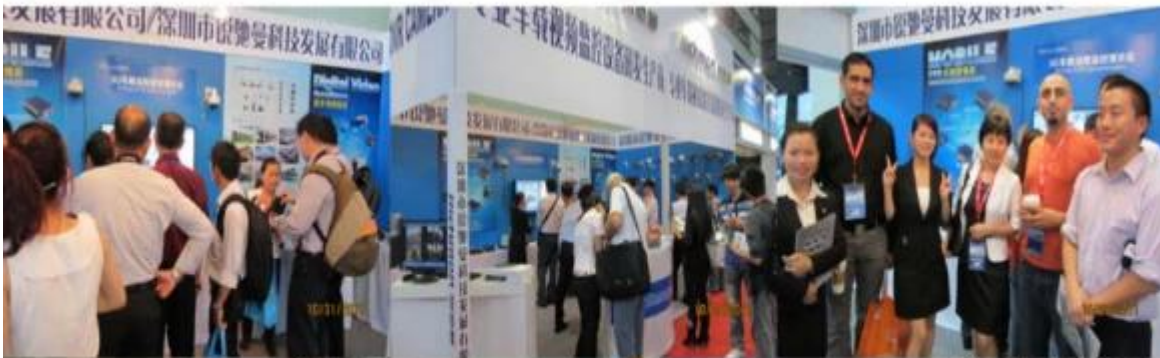




# Exhibition

## 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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