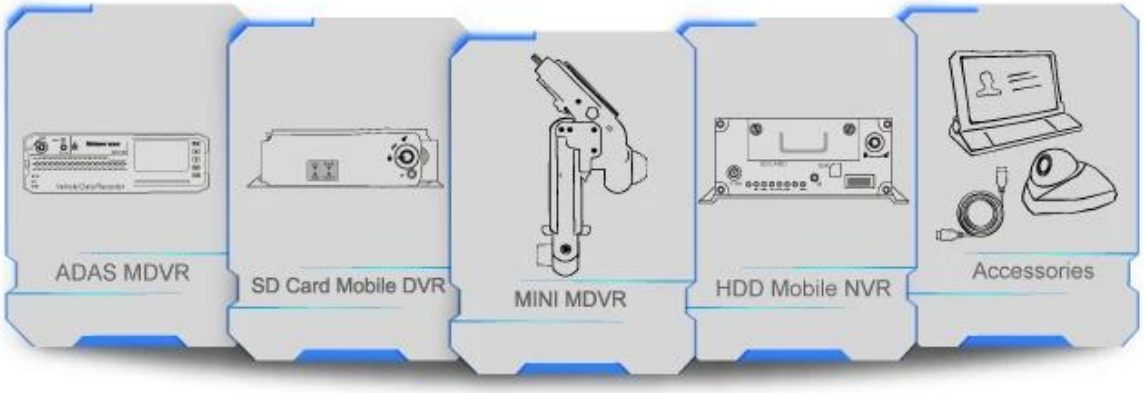
Richmor

Shenzhen Richmor Technology Development CO.,Ltd is a global and professional MDVR/MNVR manufacturer and solution provider specialzing in vehicle monitoring system design and deployment for over 10 years



Richmor High-Integrated Intelligent all-in-one mini-size MDVR with DSM 3G 4G GPS Wifi optional

PRODUCT DESCRIPTION	
Resolution	**4 X 1080P AHD Full real-time recording**
Module	**G-Sensor built in, GPS /3G/4G /WIFI Optional**
Storage	**Max support 2X256 GB SD card**
Alarm I/O	**2CH Alarm input, 1CH Alram output**
Working temperature	**-40°C to 70°C**
Voltage	**6V-36V Wide range voltage power supply**

Main Features

- New His solution, **H.265 compression** mode, the same image quality stream than H.264 can reduce space and traffic by 40%. Multi-stream recording.
- Integrate DSM driving behavior and driver face recognition function;
- 4CH MDVR, **built-in one AHD camera**, and support 3CH external.
- Support hybrid mode, optional 1080P / 720P / D1 / HD1 / CIF video, adjustable frame rate and picture quality;
- New flat interface, support remote control or Mouse via LCD screen, and Mobile Phone APP Configuration directly.
- 1CH AV Output

- Support dual TF cards (max 256G each)

DSM driver status monitoring/fatigue detect

Mainly detect unfavorable driving behaviors of the driver, such as **driving distracted** (**looking around**, **smoking**, **making phone calls**, **yawning**, etc) and **over-speeding**, **bad driving behavior**, etc. Once the system detecting the above behavior, there will be a sharp alarming to warn the driver to avoid accident.

PRODUCT SHOW

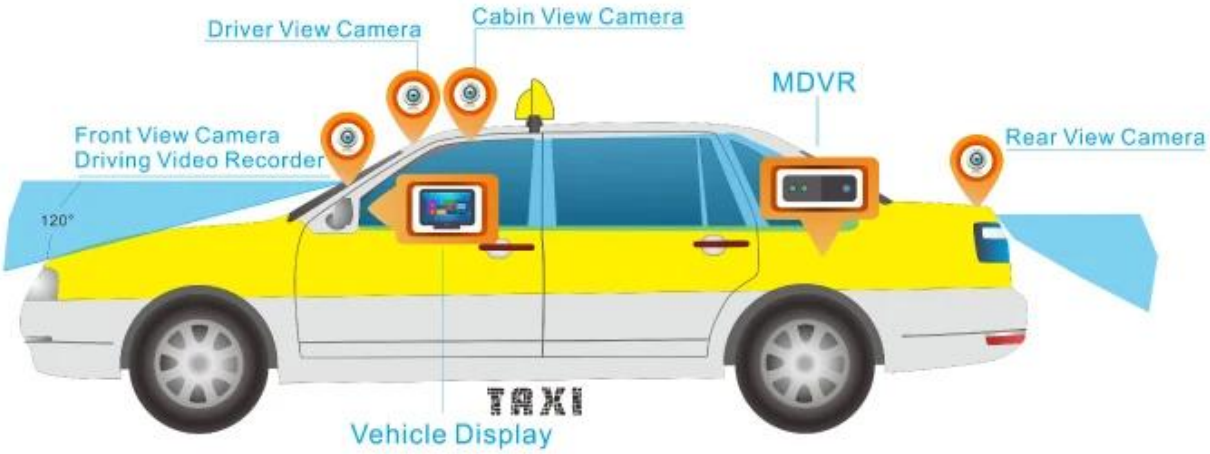
PWR SD GPS 3G/4G MIC
Richmor 锐驰曼

Datasheet

Item		Parameter
OS		Linux
Language		Chinese / English / Portuguese / Others (can be customized)
Video Compression		H.265
GUI		Support external LED screen, configuration via remote control or USB Mouse
OSD		Overlays information such as date time and vehicle ID
Video Record System	**Video Input**	4CH in 1CH, and support 3CH AHD 1080P /720P
	Video Output	1CH AV Output
	Preview	1CH, 2CH,4CH optional
	Video Quality	0-7 levels, 0 is the highest level, 7 is the lowest level.
	Resolution	1080P/720P/D1/HD1/CIF; support 4CH full 1080P
	Record Mode	ACC Power on.Timed recording, alarm recording
Audio	**Audio Input**	2CH ,(1CH built-in , 1CH External)
	Audio Output	1CH
	Compression	G.726, G711a optional

Alarm	**Input**	5CH	
	Output	1CH	
Storage		Max support 2X256GB TF Card	
Communication Port		2CH RS232, 1CH RS485	
TTS		TTS Alert broadcasting	
Wireless transfer		Support Built-in 3G/4G network, WCDMA,CDMA2000, TTD-LTE, FDD-LTE compatible with GPRS,EDGE; Optional with WIFI modular (AP, STATION MODE)	
GPS		Support Built GPS/BD Module,can support the ministry of communications	
Video Playback	**Video Search**	Search video by Record Time/Record Type etc	
	Playback	Support max4ch playback. forward or backward play	
		Support x 2,x4,x8,x16. forward or backward play	
Operating Voltage	**Voltage Input**	10V ~ 36V DC	
	Voltage Output	12V 2.5A, 1 channel,with IR	5V 2.5A, 1 channel,with IR
	Power management	Adaptive wide power input, with overload, under-voltage, short circuit, reverse connection and other protection functions; Support the timing switch machine, delay shutdown function.	
	Power -off Protection	UPS Technology,All video information can be saved automatically when the power is cut off, and make sure that all the files can not be damaged.	
	Power Consumption	Working mode <14W, Standby mode<0.5W	
Other	**Operation Temperature**	-40℃ ~ + 70℃	
	Humidity	20% ~ 80%	
	Dimension	135mm*94mm	

INSTALLATION



FUNCTION DISPLAY

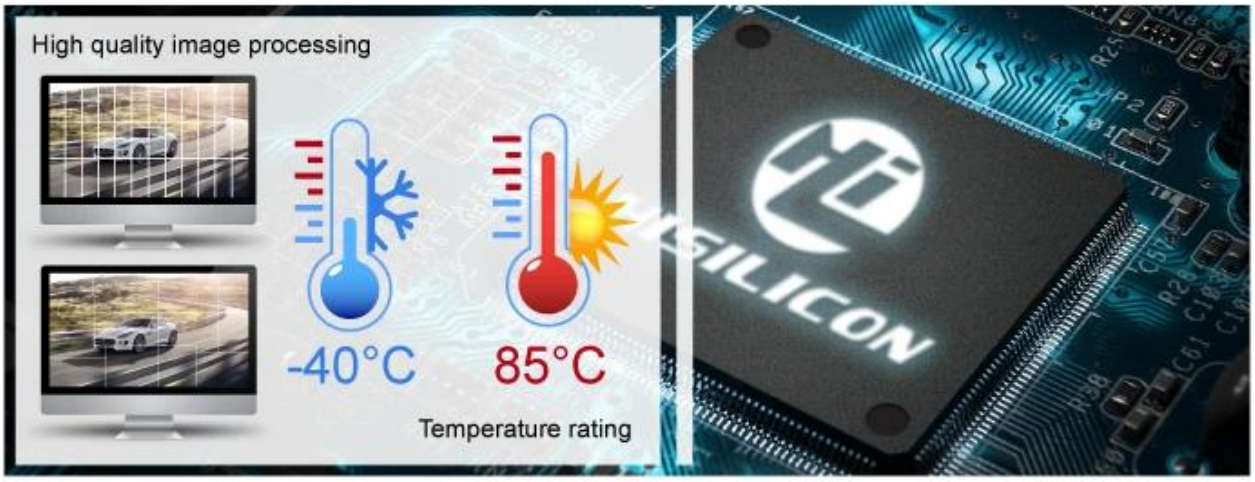
Mobile Monitoring Management Platform

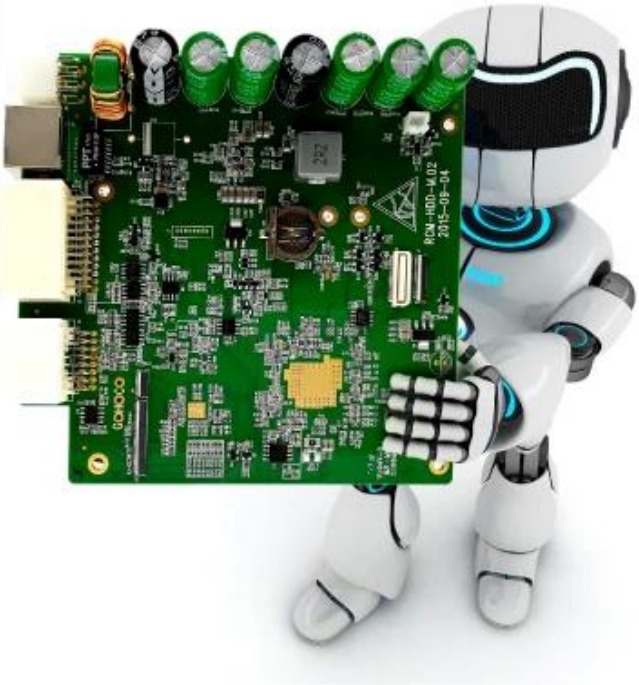
RMVS is a system of centralized management and monitoring of all kinds of vehicles based on wireless network. Perform real-time monitoring, GPS/BD positioning, video storage, vehicle scheduling, alarm and alarm, etc.

Industrial Hisilicon 3520D image processor chip

Choose the electronic material of industrial grade specification, ensure the life of the component and the stability of the whole machine.

Adopt low heat resistance aluminum profile to make equipment shell, strong and durable, protect heat dissipation.



International brand components

Industrial design