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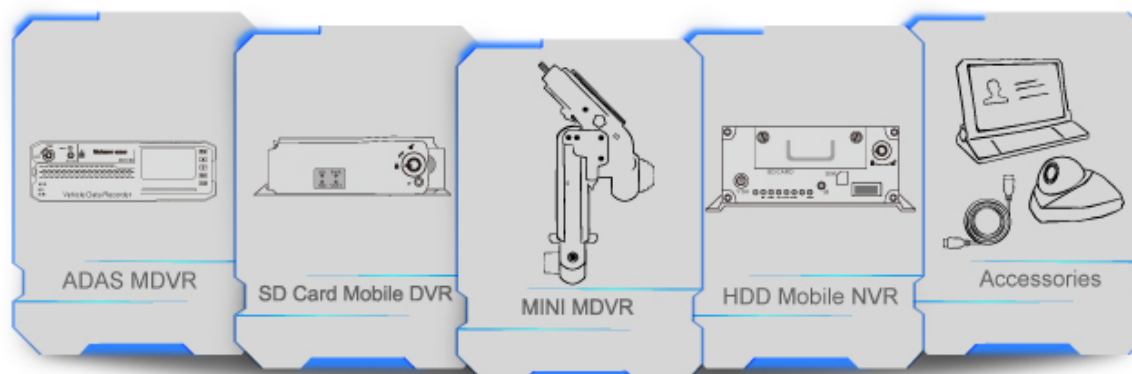
Shenzhen Richmor Technology Development CO.,Ltd is a global and professional MDVR/MNVR manufacturer and solution provider specialzing in vehicle monitoring system design and deployment for over 10 years

ADAS MDVR　　SD Card Mobile DVR　　MINI MDVR　　HDD Mobile NVR　　Accessories

Richmor mini Dual SD Card MDVR AHD 4CH HD car black box 4 channel mobile dvr for bus truck van taxi

PRODUCT DESCRIPTION	
Resolution	4CH 720P AHD Full real-time recording
Moduel	G-Sensor built in, GPS /3G/4G /WIFI (5.8G or 2.4G)Optional
Storage	Support 2X SD cards storage, up to 128GB for each
Alarm I/O	4CH Alarm input,1CH Alarm output
ACC Delay	10 seconds delay pow-off for data protection
Voltage	8V-36V Wide range voltage power supply

Main Feature

- H.264 Video Compression
- Support 4CH 720P AHD Camera input/ 4CH analog SD camera input/ 2CH HD + 2CH SD mixed input ;
- VGA output for optional;
- Exclusive pre-allocated file system, solve the file fragmentation / SD lost / file garbled etc issue,protect data file;
- Optional single RS232 serial port or single RS485 extension
- Realize realtime monitor through 3G/4G, OPTIONAL;
- Support WIFI module, can download data automatically;
- Support Broadcast/Intercom/Text sent etc;can add oil sensor/temperaturesensor/POS/LED Advertisement Panel;

PRODUCT SHOW

Product's Front Side

Display — Military Design/ Good Stability/Durable /Shockproof & Earthquake Resistant

36MM

112MM

138MM

Product's Back Side

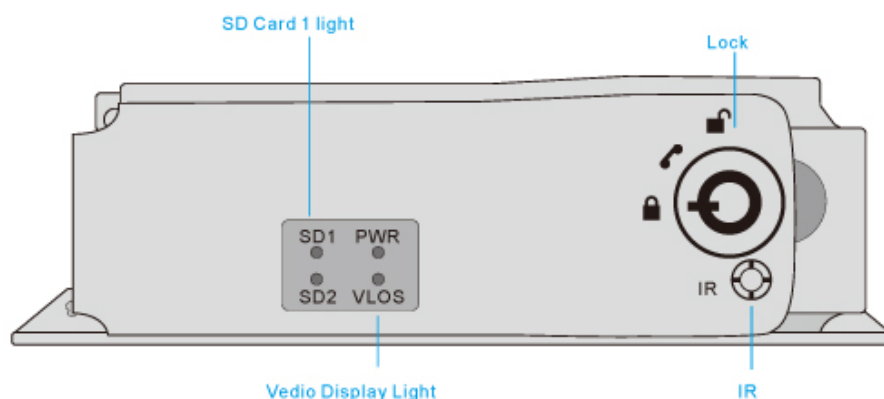**Display** — Wide Voltage Design / Data Comprehensive Protection / High Security
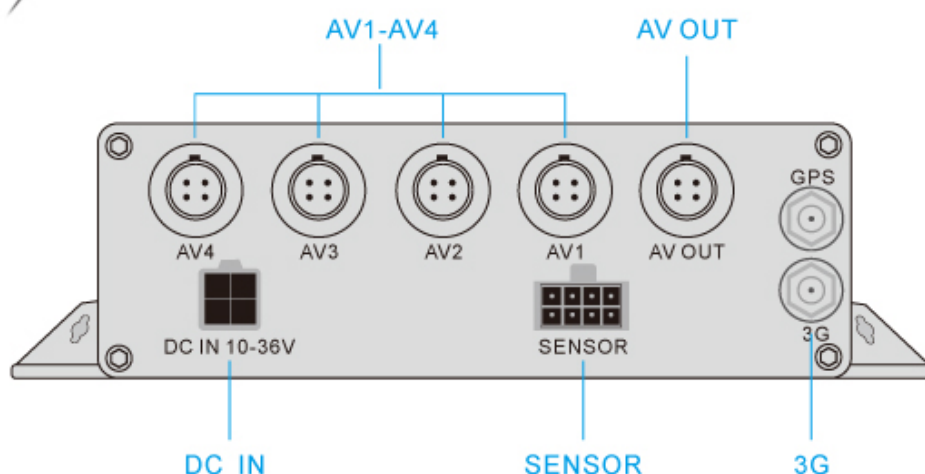
STRUCTURE

Front Panel

Details Professional Security Device/Powerful Functions/ User-friendly Button Operation/ Easy to Use

SD Card 1 light

Lock

SD1 PWR

SD2 VLOS

IR

Vedio Display Light

IR

Back Panel

Details Aviation AV&DV Input / Steady Port/ Strong Shockproof Ability/ Simple & Convenient

AV1-AV4

AV OUT

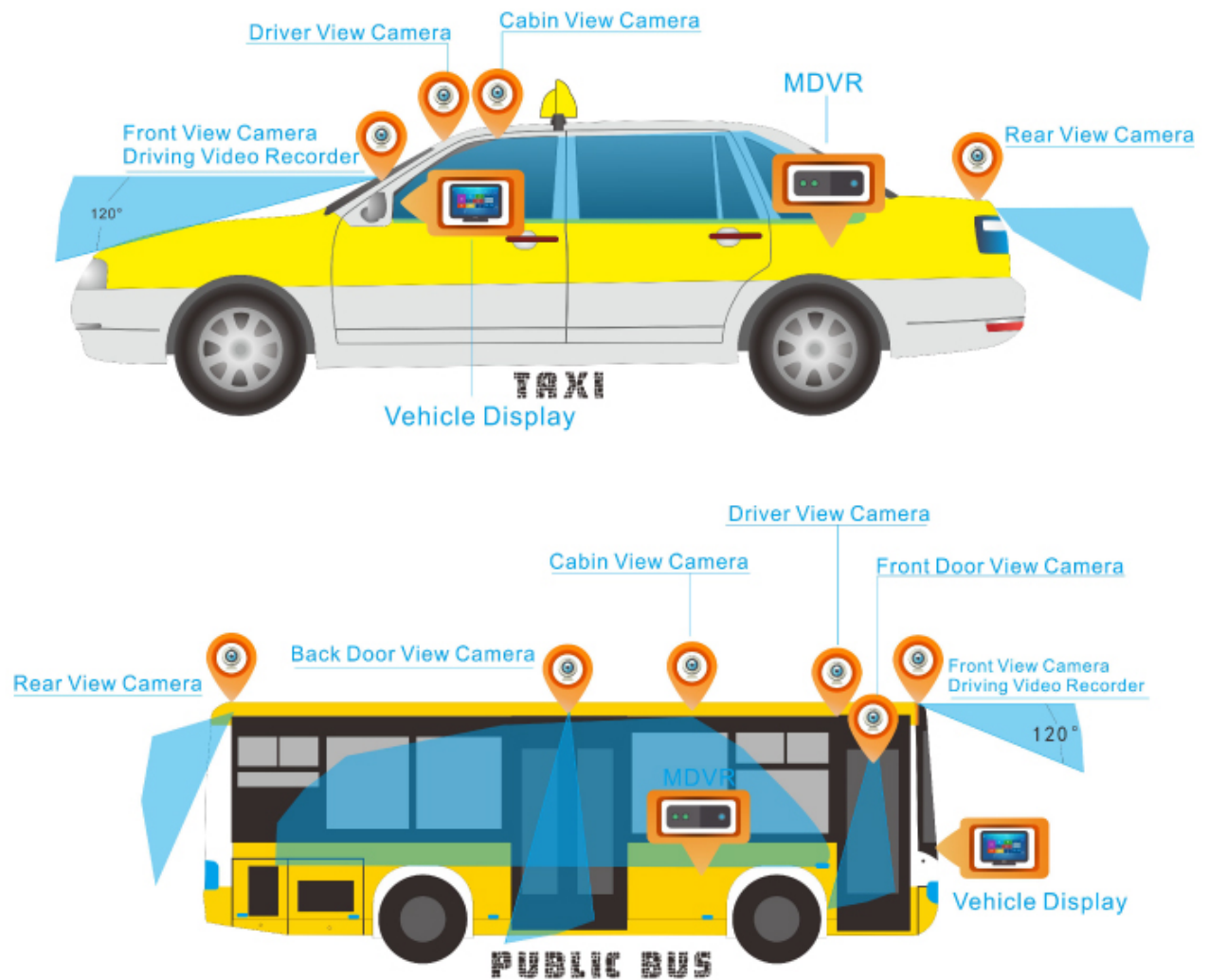AV4 AV3 AV2 AV1 AV OUT

GPS

DC IN 10-36V

SENSOR

3G

DC IN

SENSOR

3G

DETAILED SPECS

Detailed specification is listed as follows, please contact us we'll do our best to cooperate.

Item	Parameter
OS	Linux
Language	Chinese/English/Others(can be customized)
Video Compression	H.264

Operation Interface		OSD menu	
Video Record System	Video Input	Support 4 channels Full real-time AHD 720P	
	Video Output	1 channel composite video output	
	Display	1/2/4 channels full screen	
	Signal system	PAL/NTSC (PAL @100Frame, NTSC@120 Frame	
	Resolution	Support 4 channels Full real-time AHD 720P	
	Record Format	Synchronized A/V recording	
Audio	Audio Input	4 Channel	
	Audio Output	1 channel	
	Compression	G.726	
Alarm	Input	4 channels	
	Output	1 channel	
Storage		Up to 256GB, 128GB for each	
Communication Port		1CH RS232 / 1 channel RS485	
G-sensor		Built in, support 3 Axis Motion Detection with user set ranges , for X,Y and Z coordinates	
Wireless communications		GPS /3G /4G /WIFI optional	
GPS		GPS /Glonass	
Video Playback	Video Search	Search video by Record Time/ Type etc	
	Playback	A/V,GPS,Mapview,Speed,G-sensor,video files available for playback on PC.	
	CMS	Wireless(require Wi-Fi or cellular), real-time monitoring .GPS and alarm etc	
Operating Voltage	Voltage Input	8V ~ 36V DC	
	Voltage Output	12V @1.2A 4channels, with IR	12V @0.9A 2channels, with IR
	Power -off Protection	All video information can be saved automatically when the power cut off, and make sure that all the files can not be damaged	
	UPS	External UPS battery optional, support 24 hours monitoring	
Other	Operation Temperature	- 40°C ~ + 70°C	
	Humidity	20% ~ 80%	
	Dimension	112*36*138mm	
	Weight	360G	

INSTALLATION

Driver View Camera

Cabin View Camera

MDVR

Front View Camera
Driving Video Recorder

Rear View Camera

120°

TAXI

Vehicle Display

Driver View Camera

Cabin View Camera

Front Door View Camera

Back Door View Camera

Front View Camera
Driving Video Recorder

Rear View Camera

120°

MDVR

Vehicle Display

PUBLIC BUS

TOPOLOGICAL DIAGRAMS

MIS-POS	LED	Fingerprint machine	Oil measurement	OBD	Multimedia intelligent information terminal screen	LED	KeyBoard

Louder speaker	Monitor	Intercom device	Voice pickup device	SD Card	HDD	Command panel	Alerer	Alarm button	Temperature sensor

TV Wall · Mobile DVR · GPS/BD · 4/3G · Vehicle condition · Streaming media server · Monitoring Center · Central server · Enterprise supervision platform · Government supervision platform

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.

High quality image processing

-40°C   85°C

Temperature rating

International brand components

Industrial design