

4 channel 720P HD HDD GPS 4G WIFI Mobile DVR



**QH-MDVR8104HR**

## Key Features

- High-performance 4-ch 720P HDD mobile DVR;
- Full metal housing design without outside screw;
- Smart panel to lock on/off; high-end mainboard as upgraded level.  
Support oil sensor, temperature sensor, alarm button, door sensor, 4-channel PTZ camera;  
Support 4pcs 720P AHD camera, 1080P AHD camera (optional).
- Connect acceleration sensor, temperature sensor, oil amount, control panel and other peripherals through the preset interface;
- With aviation connector, stable and reliable, using time longer;
- Industrial level material, special interface for mobile DVR;
- The latest technology of audio and video compression;
- Support 4-CH D1 4CH audio & video; GPS, 3G/4G, WIFI (faster and more stable) for optional;
- Support PTZ local and remote control;
- Support max 2TB HDD/SSD and 1 SD card; Support USB interface; 8~36V wide voltage, extra support UPS supply power 1 hour.
- Extend function: 8-CH HDD MDVR, 1080P 4-CH HDD MDVR, 720P 8-CH HDD MDVR.

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# Specification

System	language	Chinese/ English/Others language as requested
	Operation system	Linux
	Operation interface	Graphical User interface (OSD menu)
	Password	User /Admin password
	Control mode	IR remote control
Video	Video input	4-ch video composite input
	Video output	1-ch composite output
	Display mode	Single/ 8-ch video
	Video compression	H.264 Main profile
	Video Signal	PAL:100f at D1/s, NTSC: 120f at D1/s
Audio	Audio input	4-ch audio input
	Audio output	1-ch audio output
	Recording mode	Audio & Video sync Recording
	Intercom	Support intercom
Image processing & storage	Image format mode	CIF/HD1/D1 optional
	Video stream Standard	ISO14496-10
	Video bitrate	CIF: 1536Kbps ~ 128Kbps,4 levels optional.
		Highest:0 level; Lowest: 3 level
		HD1: 2048Kbps ~ 512Kbps,4 levels optional.
		Highest:0 level; Lowest: 3 level
	D1: 4Mbps ~ 1Mbps,4 levels optional.	Highest:0 level; Lowest: 3 level
Highest:0 level; Lowest: 3 level		
Audio Bitrate	8KB/s	
Storage	Built-in a SATA HDD, support HDD Max 2.5" 2TB; And built-in a SD card, Support SD card Max 128GB;	
Alarm	Alarm input	8 alarm input, below 4V is low level alarm 4V, above 4V are high level alarm
	Alarm output	2 alarm output, output high level:12V
Communication Interface	RS485 Interface	Support 3-RS485 interface
	RS232 Interface	Support 1-RS232 interface
	WIFI Interface	Support RJ45 interface external 802.11b/g
	Network interface	RJ45,10M / 100 M adaptive network interface, support 3G routing
USB interface	Include 2 USB interfaces,1 USB interface connect with external Vehicle Black data box, another USB interface to upgrade software and copy data.	
Audio & Video interface	Support Audio and Video output	

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Acceleration Sensor	Built in acceleration G-Sensor	
Module	GPS	GPS module. GPS Graph and GPS speed can be read in coding flow, and can be uploaded via wireless
	3G/4G	Built-in 3G(HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA) module optional/ Built-in 4G(TDD-LTD/FDD-LTD) module optional
	WIFI	RJ45 interface outer WIFI
Software	PAS (Playback Analysis Software)	Playback Recording on PC, and analyze the vehicle recording information.
	CMS (Center Management Software)	Center management software to meet Video preview, upload and central command and parameters configuration, etc.
	Software upgrade	U-disk upgrade directly.
MDVR Electric Specifications		
Items	Parameters	Specifications
Power input	8—36V	Input voltage: +8V~ +36V, when long-term under 8V, or long-term over 36V, Auto power off, enter protected mode.
Power output	12V	12V (+/-0.2V) , Max:3A.
Power-off working time	8S	If main power supply is off, the MDVR can continue running 8 seconds. If connect built-in patent UPS power-supply, MDVR can continue running 60 minutes.
Vehicle key signal	≤4V	OFF
	≥5V	ON
Video input impedance	75Ω	75Ω for each video input impedance
Video output Volt	2Vp-p	Input 2Vp-p CVBS analog signal, reveal device input need 75Ω impedance to fit
I/O interface	0—4V	Low level alarm
	4V above	High level alarm
	-4V below	Negative voltage alarm
Operating Temperature		Under well-ventilated environment condition.
Body Dimension	199(W)mm x 76(H) x 190(L)mm	

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## This Product can work with:

CMS Software	7inch Quad Monitor	ADAS Camera	1080P High-resolution side camera
 A screenshot of the CMS software interface, showing a multi-camera view with a map and various control panels.	 A black, rugged 7-inch quad monitor with a protective cover, mounted on a bracket.	 An ADAS camera system consisting of a black sensor unit on a stand and a separate black rectangular processing unit.	 A black, dome-shaped 1080P high-resolution side camera with a lens and a small display on the front.

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