

# 8CH HDD MDVR JH16-8HD

Great for real-time monitoring  
anywhere in cellular 4G or Wi-Fi coverage areas



**JH16-8HD** is a **8 channel MDVR** which can connect and record simultaneously up to 8 cameras. This DVR is Perfect protect your data well with waterproof & dustproof IP67.

Footage records onto **2\*4TB HDD or SSD hard drives** with backup recording onto **1\*256GB SD card**. With built-in GPS, this high capacity DVR will record the vehicle's location and driving route as well as camera footage to provide the full picture from what's happening on the road. Perfect for fleets of trucks and buses, this DVR is vibration-proof and combines powerful functions together with a stable performance.

This MDVR has live video remote viewing by **3G/4G SIM Card**. This model allows the DVR to connect to a WiFi hotspot in your vehicle. Perfect for fleet tracking (can be used as a GPS tracker) and fleet management this DVR allows you to easily view and download footage even while the vehicle is on the road!

## KEY FEATURES

- » Support 8CH 1080P AHD Camera Video input , Can connect & record up to (8) Eight cameras simultaneously
- » Built-in 1 x POE(12V) Ethernet Port
- » Waterproof & Dustproof IP67
- » accept HDD/SSD up to 2\*4TB Storage, and 1 SD card (up to256GB) for backup (at 3G/4G/Wi-Fi model option )
- » Internal G-Sensor, with GPS,4G and Wi-Fi (5.8 Ghz)
- » WIFI Antenna (download speed up to 5~10Mb/s)
- » Anti-Vibration and Anti-Shock under acceleration of 40G ( MIL-STD-810G standard)
- » Hard drive automatic heating startup in cold weather
- » On board UPS 8 seconds delay power-off for data protection
- » Operating temperature -40℃ ~ +80℃
- » 24V-36V wide voltage power supply

For more information, call **+86-755-86019299** or visit **www.icarvisions.com**

E-mail: **sale@icarvisions.com**

# Product Specifications

Function		JH16-8HD
System	Language	English / Chinese
	Operation Interface	Graphical User Interface ( OSD menu )
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 8 channels 1080P AHD camera Video input Supports 8 channels 720P AHD camera Video input Supports 8 channels CIF/HD1/D1/960H camera Video input Supports 4-CH 1080P AHD + 4-CH 720P AHD analog mixing Video input Supports 4-CH 1080P AHD + 4-CH CIF/HD1/D1/960H analog mixing Video input Supports 4-CH 720P AHD + 4-CH CIF/HD1/D1/960H analog mixing Video input
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 9pin AV-OUT Port)
	Video Display	Single picture, 1~8 pictures
	Signal System	PAL / NTSC ( PAL@200 frame 1080P/sec; NTSC@240 frame 1080P/sec )
	Image Compression	H.265/H.264 Main profile
Audio	Audio Input	8 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 9pin AV-OUT Port)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P/1080P optional
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,
		HD1/D1: 2048Kbps ~ 400Kbps,
		960H: 2048Kbps ~ 400Kbps,
		720P:4096Kbps ~ 400Kbps 1080P:4096Kbps ~ 400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
	Audio Bit Rate	40Kbps
	Storage	Up to 2*4TB HDD/SSD and 1 SD card for backup ( at 3G/4G/WIFI model option )
Alarm	Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	2 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	CAN	1 Port,CAN-H and CAN-L
	RJ45 Network	1 Port of RJ45(100M Ethernet port), For connection to LAN or testing etc
	USB	2 ports. The front one is USB 3.0 to download video files & upgrade firmware; the rear panel one is USB 2.0 to connect with external device.

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Wireless Communication*	3G/4G*	Supported
	Wi-Fi*	Internal Wi-Fi 802.11b/g/n/ac optional
GPS*	Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	IVMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade	Local or Remotely	Upgrade through the front USB3.0 or remotely via IVMS platform
Voltage Input	+24V~+36V	24~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-40℃~80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	203x208x93.5mm	

## Product link



Link: <https://bit.ly/3urye3x>

### DEPLOY VIRTUALLY ANYWHERE

Leverage 4G infrastructure to transmit video evidence practically anywhere you have cell phone reception.

#### iCarView

<https://apps.apple.com/cn/app/icarview/id1064405427>

<https://www.icarvisions.com/dd/iCarView.apk>

### EVIDENCE SECURITY

The built-in high capacity security-grade hard drive means you never have to worry about losing important video evidence from a lost connection. Dual-streaming provides high-resolution local recording and adjustable resolution to manage file sizes and bandwidth for viewing video over 4G networks.

### REMOTE OBSERVATION

Monitor and manage multiple video streams in real time for incredible flexibility and remote capability. Conveniently access your mobile DVR from laptops and smartphones.

### OPTIONS AND CUSTOMIZATION

A wide variety of concealments are available. Turn-key packages can be built to match your agency's specific need.

### EXPERT ADVICE

To learn more and get expert advice on how to use the MDVR JH16-8HD for your remote surveillance application, call our expert LE division sales team. The team is comprised of veteran law enforcement officers who have the technical know-how to develop the perfect solution for your agency's needs.