4CH HDD Mobile NVR JH4-HYBRID

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

JH4-HYBRID is a **Mobile NVR** designed for on-board vehicle recording which comes with remote live video viewing. This system is able to to connect to a WiFi hotspot in your vehicle. This model is compatible with jetpacks from all major carriers. Perfect for fleet tracking (can be used as a GPS tracker) and fleet management this NVR allows you to easily view and download footage even while the vehicle is on the road!

It has four ports to record up to four cameras simultaneously and 4 ethernet ports to connect four 1.3MP IP cameras. Footage records onto an included 4TB hard drive with backup recording onto 1 SD card with a total storage capacity of 256GB. Ideal for fleet management the JH4-HYBRID has military grade vibration and shock ratings.

The user may also use a SIM Card for live remote viewing. This model can also be connected to a WiFi hotspot.

The JH4-HYBRID Operated with Client Software IVMS (Intelligent Vehicle Management Software) to realize fleet management online, and achieve a full range of car monitoring functions such as real time video & audio monitoring, GPS, car tracking, GEO-Fence, voice intercom, car temperature, alarms customized , driving route record, PTZ control, fuel volume detection, video search and download, generating reports, etc. APP <icarview> is available for mobile phones in Android and iOS system.

KEY FEATURES

» Support 4CH 720P AHD or 4CH 960H / D1 / HD1 / CIF **+** 4CH IPC (720P / 1080P) , Can connect & record up to (8) eight cameras simultaneously

» HDMI Video Output

» Built-in 1 x POE(12V) Ethernet Port

» accept HDD/SSD up to 4 TB Storage, and 1 SD card (up to 256GB) for backup (at 3G/4G/Wi-Fi model option)

» Internal G-Sensor, with GPS,4G and Wi-Fi (5.8 Ghz)

» 1 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℃

» 8V-36V wide voltage power supply

Product Specifications

Function		JH4-Hybrid
System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 4 channels CIF/HD1/D1/960H/720P AHD camera Video input
		Supports 4 channels 720P/ 2 channels 1080P IP camera Video input
		Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input
		Supports 4-CH 720P IPC + 4-CH 720P AHD/960H/D1/CIF Video input
		Supports 2-CH 1080P IPC + 4-CH 720P AHD/960H/D1/CIF Video input
	Video Output	1 each HDMI (max. 1080P), 2 CVBS (Analog); 1 each 3.5mm Jack on Front Panel and one connection on the 24 pin I/O port
	Video Display	Single picture, 1~8 pictures
	Signal System	PAL / NTSC (PAL@200 frame 720P/sec; NTSC@240 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	4 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, 1 in the 24pin connector)
	Record Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P /1080Poptions
	Video Coding	ISO14496-10 Industry Standard
	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 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	1 Channel, 12V output
Communication Ports	RS485	1 Port for PTZ control or Data Device usage
	RS232	2 Port for communication or data usage
	RJ45 Network	4 Ports of RJ45(100M Ethernet port), For connection to an IP camera with maximum of 1080P
	USB	2 Ports of USB 2.0, the front is used to export record file. The rear panel is used to mirror
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 USB2.0 or remotely via IVMS platform
Voltage Input	+8~+36V	8 ~ 36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible
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
Operation Temperature	-40℃~80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192x184x61mm	Including Security Cover 248x184x61mm

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 MNVR JH4-HYBRID 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.