

# 4CH HDD Mobile NVR JH4-HYBRID Spec Sheet





# JH4-HYBRJD

## 4CH HDD Mobile NVR

- ◆ 4 x 720P AHD + 4 x IPC (720P / 1080P)
- ◆ HDMI Video Output
- ◆ accept HDD/SSD up to 2 TB Storage, and 1 SD card (up to 128GB) for backup
- ◆ Internal G-Sensor, with GPS, 3G / 4G and Wi-Fi (5.8 Ghz)
- ◆ Mobile Access - View footage from vehicle live on mobile device
- ◆ Military-Grade Vibration Rating



# JH4-HYBRID

## HIGHLIGHTS

- ✧ Supports 4 x AHD + 4 x IPC cameras
- ✧ accept HDD/SSD up to 2 TB Storage, and 1 SD card (up to 128GB) for backup (at 3G/4G/Wi-Fi model option)
- ✧ HDMI Video Output
- ✧ Internal G-Sensor, with GPS, 4G FDD and Wi-Fi (5.8 Ghz)
- ✧ View and download live footage while the vehicle is on the road
- ✧ Mobile Access - View footage from vehicle live on mobile device
- ✧ Military-Grade Vibration Rating
- ✧ On board UPS 8 seconds delay power-off for data protection
- ✧ Operating temperature -40°C ~ +80°C
- ✧ 8V-36V wide voltage power supply

## DETAILS

JH4-HYBRID is a mobile NVR designed for on-board vehicle recording which comes with remote live video viewing. This system is able 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 2TB hard drive with backup recording onto 1 SD card with a total storage capacity of 128GB. 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.

Model	
JH4-HYBRID	
System	
Language	English / Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator or User
Video	
Video Input	Supports 4 channels 1080P AHD camera Video input
	Supports 4 channels CIF/HD1/D1/960H/720P AHD camera Video input
	Supports 4 channels 1080P/720P IP camera Video input
	Supports 2-CH 1080P AHD + 2-CH 720P AHD mixing Video input
	Supports 2-CH 1080P AHD + 2-CH 960H analog mixing Video input
	Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input
	Supports 4-CH 1080P/720P 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
Audio	
Audio Input	4 Channels
Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin connector)
Record Format	Synchronized A/V recording
Recording & Storage	
Image Resolution	CIF / HD1 / D1 / 960H / 720P / 1080P optional
Video Coding	ISO14496-10 Industry Standard
Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,
	HD1/D1: 2048Kbps ~ 400Kbps,
	960H: 2048Kbps ~ 400Kbps,
	720P: 4096Kbps ~ 400Kbps
	Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
Audio Bit Rate	40Kbps
Storage	Up to 2TB 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, 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 optional.
Wireless Communication*	
3G*	3G (HSUPA / HSDPA / WCDMA / EVDO / TD-SCDMA) optional Internal module
4G*	4G (TDD-LTE / FDD-LTE) optional module to match local cellular carrier
Wi-Fi*	Internal Wi-Fi ( 2.4 / 5.8 Ghz) optional
GPS*	
Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information

<b>G-Sensor</b>	
Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges, for X, Y and Z coordinates
<b>Software</b>	
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.
<b>Software Upgrade</b>	
Local or Remotely	Upgrade through the front USB 2.0 or remotely via IVMS platform
<b>Voltage Input</b>	
+8V~+36V	8~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
<b>Voltage Output</b>	
12V	12V (+/-0.2V) , Max 3A
<b>ACC Detection</b>	
≤4V	Power-off
≥6V	Power-on
<b>Video Input Resistance</b>	
75Ω	75Ω
<b>Video Output Voltage</b>	
2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
<b>I / O Port</b>	
<1V	Low voltage trigger
>5V	High voltage trigger
<b>Operational Temperature</b>	
-40℃~80℃	Install in well ventilated area, protected from moisture, heat, dust and vibration
<b>Dimensions</b>	
192x184x61mm	Including Security Cover 248x184x61mm



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