

# 8CH HDD Mobile DVR

## JH8-HD

### Spec Sheet





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## 8CH HDD Mobile DVR



- ◆ 8 x 1080P AHD + 1 x IPC (720P / 1080P)
- ◆ VGA 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)
- ◆ 2 WIFI Antennas (download speed up to 3Mb/s)

# JH8-HD

## HIGHLIGHTS

- ✧ Connect & record up to (9) nine cameras simultaneously
- ✧ Accept HDD/SSD up to 2 TB Storage, and 1 SD card (up to 128GB) for backup
- ✧ Internal G-Sensor, with GPS, 3G / 4G FDD and Wi-Fi (5.8 Ghz )
- ✧ Dual Wi-Fi Antennas (3MB/s)
- ✧ Operating temperature -40℃ ~ +80℃
- ✧ Anti-Vibration and Anti-Shock under acceleration of 40G ( MIL-STD-810G standard)
- ✧ 8V-36V wide voltage power supply

## DETAILS

The JH8-HD is an 8 channel Mobile DVR which can connect and record simultaneously up to 9 cameras (8 regular/AHD cameras and 1 forward facing IP camera). Footage records onto an included 2TB hard drive with backup recording onto 1 SD card with a total storage capacity of 128GB. 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, The JH8-HD is vibration-proof and combines powerful functions together with a stable performance.

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.

Select the GPS+WiFi option to upgrade to live video remote viewing. This allows the DVR 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 DVR allows you to easily view and download footage even while the vehicle is on the road!

The GPS+WiFi+4G option allows the user to use a SIM Card for live remote viewing. This model can also be connected to a WiFi hotspot.

Model	
JH8-HD	
System	
Language	English / Chinese
Operation Interface	Graphical User Interface ( OSD menu )
Password Security	2 Levels: Administrator or User
Video	
Video Input	Supports 8 channels CIF/HD1/D1/960H camera Video input
	Supports 8 channels 720P AHD camera Video input
	Supports 4-CH 720P AHD + 4-CH 960H analog mixing Video input
	Supports 1-CH 720P/1080P IPC + 8-CH 960H/D1/CIF Video input
	Supports 1-CH 720P/1080P IPC + 8-CH 720P AHD Video input
Video Output	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 )
Audio	
Audio Input	8 Channels
Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port )
Record Format	Synchronized A/V recording
Recording & Storage	
Image Resolution	CIF / HD1 / D1 / 960H / 720P 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	1 Port of RJ45, For connection to LAN or testing etc
USB	2 Ports for USB 2.0, the front panel one to download video files & upgrade firmware; the rear panel one is optional.
Wireless Communication*	
3G*	3G (HSDPA / 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
G-Sensor	

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
-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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