

16CH Mobile DVR JH16 Spec Sheet





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VISIONS

JH16

16CH Mobile DVR



- ◆ 16 x 720P AHD Video input, support 960P AHD camera
- ◆ Waterproof & Dustproof IP67
- ◆ Accept HDD/SSD up to 2* 2 TB Storage, and 1 SD card (up to 128GB) for backup
- ◆ Internal G-Sensor, with GPS, 3G / 4G and WiFi (5.8 Ghz)
- ◆ Anti-Vibration and Anti-Shock (MIL-STD-810G)

JH16

HIGHLIGHTS

- ✧ 16CH 720P AHD or 4 x 960H / D1 / HD1 / CIF Video input
- ✧ Accept HDD/SSD up to 2 TB Storage, and 1 SD card (up to 128GB) for backup
- ✧ Waterproof & Dustproof IP67
- ✧ Internal G-Sensor, with GPS, 3G / 4G FDD and Wi-Fi (5.8 Ghz)
- ✧ Dual Wi-Fi Antennas (3MB/s)
- ✧ Anti-Vibration and Anti-Shock (MIL-STD-810G standard)
- ✧ Operating temperature -40°C ~ +80°C
- ✧ 8V-36V wide voltage power supply

DETAILS

JH16 is a 16 channel Mobile DVR which can connect and record simultaneously up to 16 cameras and an ethernet port to connect a forward facing IP camera. Footage records onto 2 included 2TB HDD or SSD hard drives with backup recording onto 1 SD card (sold separately) 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, this DVR is vibration-proof and combines powerful functions together with a stable performance.

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

The JH16 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	
JH16	
System	
Language	English / Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator & User
Video	
Video Input	Supports 16 channels 720P AHD camera Video input
	Supports 16 channels CIF/HD1/D1/960H camera Video input
	Supports 8-CH 720P AHD + 8-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, 1~16 pictures
Signal System	PAL / NTSC (PAL@400 frame 720P/sec; NTSC@480 frame 720P/sec)
Image Compression	H.264 Main profile
Audio	
Audio Input	16 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 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 2*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	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, 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.
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 802.11b/g/n (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
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	



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