

8CH Hybrid Mobile NVR System



OX-MNVR08-4GW

8 Channel Mobile Network Video Recorder
with Wi-Fi ,GPS,3G/4G (MNVR)



OX-MNVR08-4GW is a [8CH Mobile NVR](#) designed for on-board vehicle recording which comes with remote live video viewing. This system is able to connect to a Wi-Fi 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 eight ports to record up to eight cameras simultaneously and 8 Ethernet ports to connect eight IP cameras. Footage records onto an included 4TB hard drive with backup recording onto 1 SD card with a total storage capacity of 128GB. Ideal for fleet management the JH8-HYBRID-GFW V2 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 Wi-Fi hotspot.

The **OX-MNVR08-4GW** 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.

Product Features:

- 8 x 1080P IP camera Video input
- Built-in Switch 8 x POE(12V) Ports
- HDMI Video Output
- accept HDD/SSD up to 4 TB Storage, and 1 [SD card](#) (up to 128GB) for backup at 3G/4G/Wi-Fi model option)
- Internal G-Sensor, with GPS, 4G FDD and Wi-Fi (5.8 Ghz)
- WIFI automatic download
- Anti-Vibration and Anti-Shock under acceleration of 40G ([MIL-STD-810G standard](#))
- Hard drive automatic heating startup in -40°C weather
- On board UPS 8 seconds delay power-off for data protection
- Operating temperature -40°C ~ +80°C
- 8V-36V wide voltage power supply

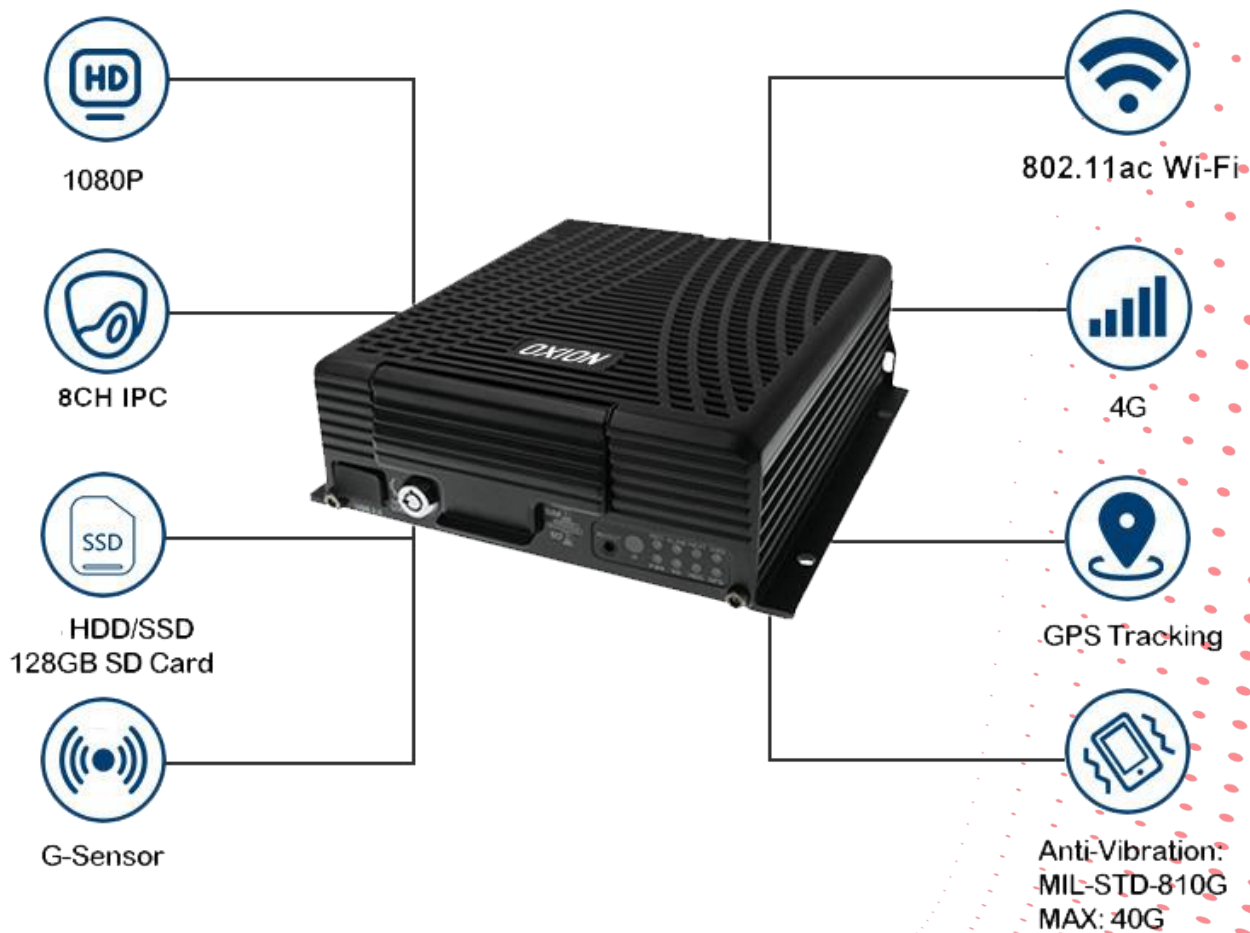


Model	OX-MNVR08-4GW	
System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Video	Video Input	Supports 8 channels 1080P IP camera Video input
	Video Output	each HDMI (max. 1080P), 2 CVBS (Analog); 1 each 3.5mm Jack on Front Panel and one connection on the 24 pin I/O port
	Video Display	Single picture, 8 pictures
	Signal System	PAL / NTSC (PAL@200 frame 1080P/sec; NTSC@240 frame 1080P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	8 Channels
	Audio Output	2Channels (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/1080P options
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,HD1/D1: 2048Kbps ~ 400Kbps,960H: 2048Kbps ~ 400Kbps,720P: 2048Kbps ~ 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 damage
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≤4V	Power Off
Video Input Resistance	≥6V	Power On
Video Output Voltage	75Ω	75Ω
I / O port	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
	<1V	Low voltage trigger
	>5V	High voltage trigger
Operation Temperature	-40°C~80°C	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192x184x61mm	Including Security Cover 248x184x61mm

OXION[®]



Connection Diagram



Product View



Optional Cameras & Accessories



Indoor
OX-IPC22VM-IN



Side View
OX-IPC22V-OS



Rear/Front
ViewOX-IPC22V-OR



Aviation Cables
OX-MCB-5/10/15 M



VMS
OX-IVMS



Monitor
OX-VLED-M