12ch 1080P AHD IPC Hybrid Mobile DVR, MNVR

QH-MNVR8208H

Key Features

- 4 x IPC (1080P/720P) +8 x1080P/720P AHD/960H/D1/HD1/CIF Camera
- Built-in 4 channels (divide 8 channel) x 6pin aviation Ports for IP camera
- Built-in 2 channels (divide into 4 channel) x 4pin aviation ports for AHD camera
- VGA 1080P HD Video Output and CVBS video Output
- Support HDD/SSD up to 2 TB Storage, and 1 SD card (up to 128GB) for backup/upgrade
- and USB2.0 with firebox for backup & LED panel to work MDVR status and emergency alarm
- Built-in G-sensor, GPS.3G/4G/Wi-Fi model are optional
- Anti-Vibration and Anti-Shock under passed EN50155(railway standard)
- Hard drive automatic heating startup in cold weather
- Onboard UPS 8 seconds delay power-off for data protection
- External UPS battery support 2-5 hours after power off
- Anti-theft with motion detection even ACC is off
- 2xRS232,2xRS485 with external device (RFID reader, counter camera, Driver fatigue
- ADAS, temperature sensor, Oxygen sensor, etc.)
- CMS platform ability for 10,0000 more fleet vehicles and management
- Operating temperature -40℃ ~ +80℃; 8V-58V wide voltage power supply
- Hybrid MNVR support max 4CH 1080P AHD+16CH 1080P IPC

Specification

System	Language	English / Chinese /Hungarian /(can be customized)
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator & User
Audio	Audio Input	4 Channels
	Audio Output	2 Channels (aviation connector, 1 in the 24pin connector)
	Audio Compression	G.726
	Record Format	Synchronized A/V recording
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
		Supports 16-CH 1080P/720P IPC (4pcs HUB) + 4-CH 720P AHD/960H/D1/CIF Video input
	Video Output	1 each VGAA (max. 1080P), 1 CVBS (Analog); one connection on the 24 pin I/O port
	Video Display	Single picture, 1~8 pictures
	Signal System	PAL / NTSC
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: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 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 a maximum of 1080P
	USB	2 Ports of USB 2.0, the front is used to export record files. 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 the local cellular carrier
	Wi-Fi	Internal Wi-Fi (802.11 b/g/n)
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, Map view, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	CMS	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 CMS platform
Voltage Input	+8～+36V	8～36VDC Please check the operational voltage of the vehicle prior to the installation of the MDVR and its accessories to prevent possible damage
Voltage Output	12V	12V(+/-0.2V) 1A
Power Consumption	12V	600mA (not include camera and other peripheral)
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
Working Humidity	10％ ~ 95％	
Operation Temperature	-40℃～85℃	Install in well-ventilated area, protected from moisture, heat, dust, and vibration

Dimensions	192x184x61mm	
Certificate	CE, CE-LVD, FCC, RoHS, E-Mark, E-9, EN50155	
Application	Mobile DVR / Car DVR (with 3G, 4G, GPS, Wi-Fi) for vehicle real-time monitoring, applied with car cameras used for vehicle monitoring in bus, taxi, school bus, truck, police car, tour bus, tanker truck, escort car, etc. Operated with Client Software CMS (Center 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 is available for mobile phones in the Android and iOS systems.	
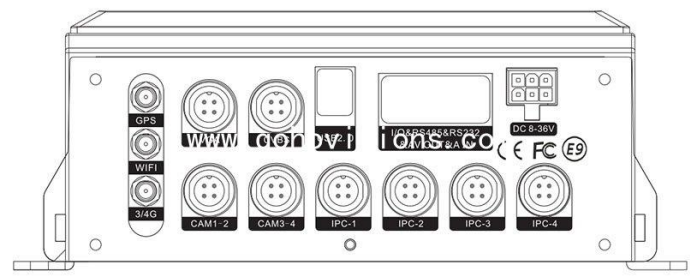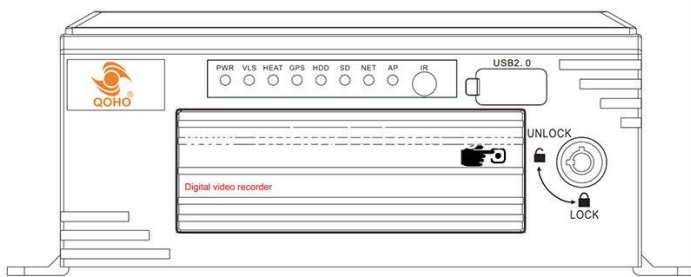
Installation Position

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In front of the car   Vehicle Trunk   Under the driver seat

This Product can work with:

1080PIP Side Camera	1080P IP Car reverse camera	Mini IP Camera	24pcs LED IP Camera