

## DS-MP7608HN Series Mobile Video Recorder



### Main Feature

- Connects 8-ch IP cameras via PoE interfaces. Connects 8 more IP cameras via PoE switch.
- Up to 1080p resolution of H.264/H.265 compression for each IP camera.
- One CVBS video output interface.
- One VGA video output interface with up to 1080p resolution.
- Two pluggable 2.5-inch HDDs/SSDs, adopting hard disk vibration damping technology.
- Stores videos on SD card when the HDD/SSD is damaged.
- Pluggable 3G/4G module and Wi-Fi module providing flexible data transmission solutions.
- Built-in GPS (Global Positioning System) module precisely positioning the vehicle via the satellite and recording the location information in the video stream.
- Information collection interfaces collecting driving information such as left/right turning, braking, reversing, etc.
- Specialized aviation connectors ensuring signal stability.
- Shutdown delay (0 h to 6 h) and 24-hour scheduled startup/shutdown.
- Back up two upgrade packages to reduce risk of failure.
- Battery protection avoids vehicle from running out of battery.
- Wide-range power input (+9 VDC to +32 VDC).
- Power-off protection prevents key data from loss.
- Supports accessing via WEB browser.
- Aluminum die-cast chassis.
- Housing is available for protecting mobile video recorder from water.

### Available Model

DS-MP7608HN,

DS-MP7608HN/GW, (supports 3G dialing)

DS-MP7608HN/GW/WI, (supports 3G dialing and 2.4 G Wi-Fi)

DS-MP7608HN/GW/WI58, (supports 3G dialing and 5.8 G Wi-Fi)

DS-MP7608HN/GLF, (supports 4G dialing)

DS-MP7608HN/GLF/WI, (supports 4G dialing and 2.4 G Wi-Fi)

DS-MP7608HN/GLF/WI58, (supports 4G dialing and 5.8 G Wi-Fi)

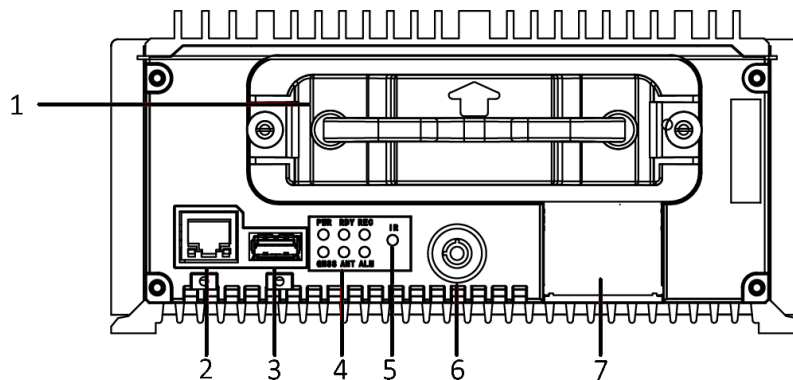


# Specification

Model		DS-MP7608HN
Video/Audio Input	IP Camera	16 in total: 8 IP cameras connected via PoE interfaces, 8 IP cameras extendable via PoE interfaces
	Two-way Audio	1, integrated in EXT.DEV interface
Video/Audio Output	Video Output	1 CVBS output (PAL: 704 × 576, NTSC: 704 × 480), 1 VGA output (1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768)
	Audio Output	1
Encoding/Decoding Parameters	Video Compression	H.264, H.265
	Encoding Resolution	Main stream: 1080p/720p/WD1/4CIF, sub-stream: 4CIF/2CIF/CIF
	Frame Rate	PAL: 1 to 25fps; NTSC: 1 to 30fps
	Audio Compression	G.722
	Stream Type	Video, video & audio
	Audio Bitrate	16 Kbps
	Dual Stream	Supported
Storage	HDD/SSD	2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD Dummy HDD with USB 3.0 interface
	SD Card	1 × SD card, up to 256 GB
Wireless Network	3G/4G Dialing	1 × 3G/4G card slot, 1 × Rosenberger antenna
	Wi-Fi	<ul style="list-style-type: none"> <li>WI58 model: 2 × 5.8 G Wi-Fi SMA antenna</li> <li>WI model: 1 × 2.4 G Wi-Fi SMA antenna</li> </ul>
Positioning	GNSS (Global Navigation Satellite System)	GPS (Global Positioning System), 1 × Rosenberger antenna
PoE	PoE Interface	8 × RJ45 PoE interface
	Max. Consumption	51 W
External Interface	Network Interface	2 × 10M/100M/1000M RJ45 Ethernet interface
	Serial Port	2 × RS-232. 1 × RS-485. 1 × RS-422 (integrated in EXT.DEV interface)
	CAN interface	2
	USB Interface	<ul style="list-style-type: none"> <li>Front panel: 1 × USB 3.0</li> <li>Rear panel: 1 × USB 2.0 of 5-pin aviation plug</li> </ul>
	Sensor-in	4 high/low level signal inputs
	Alarm Input	4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input (reserved)
	Alarm Output	2 relay signal outputs
General	Operating Method	Mouse, IR remote control, Web control, and touchscreen
	Power Supply	9 to 32 VDC
	Consumption	<ul style="list-style-type: none"> <li>Standby: ≤ 0.5 W</li> <li>Full load: ≤ 99 W</li> </ul> Note: Without peripheral and storage media ≤ 20 W
	Working Temperature	<ul style="list-style-type: none"> <li>Device that provides dummy HDD with heating function: -30 °C to +60 °C (-22 °F to 140°F)</li> <li>Other devices: -10 °C to +60 °C (14 °F to 140°F)</li> </ul>
	Working Humidity	10% to 95%
	Dimensions (W × D × H)	202 × 267.6 × 93.9 mm (7.95 × 10.5 × 3.7 inch)
	Weight (Without Storage Media)	3.66 kg (8.07 lb)

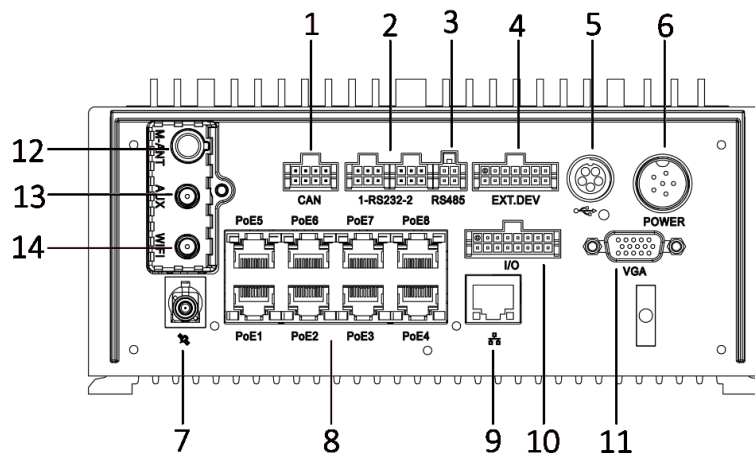
# Physical Interface

## Front Panel




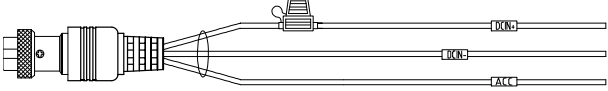
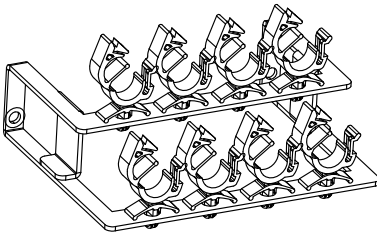
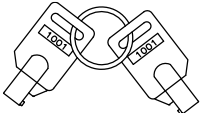
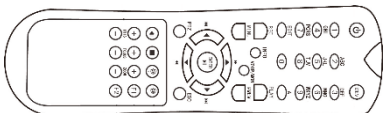
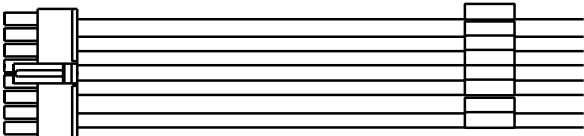
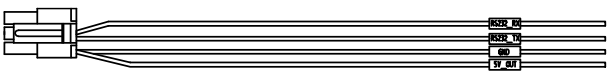
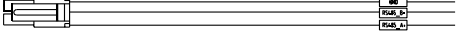
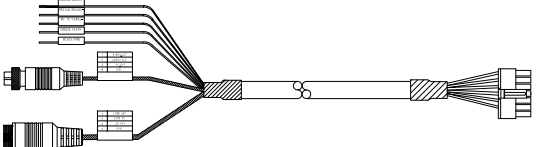
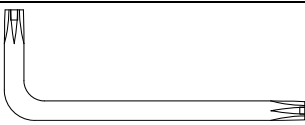
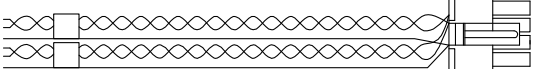

No.	Name	No.	Name
1	Dummy HDD/SSD	4	Power indicator
2	10M/100M/1000M RJ45 Ethernet interface		Ready indicator
3	USB 3.0 interface		Record indicator
5	IR receiver		GNSS indicator
6	Lock/Unlock the hard disk box.		ANT indicator
7	SD card slot		Alarm indicator

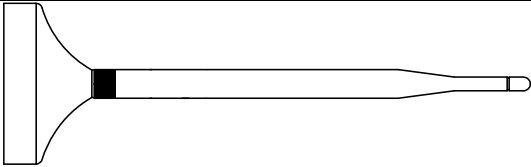
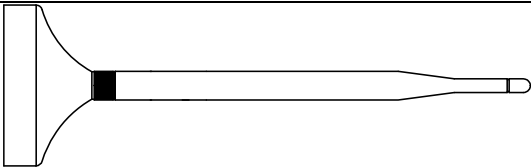
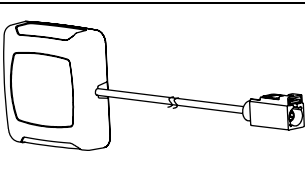
## Rear Panel



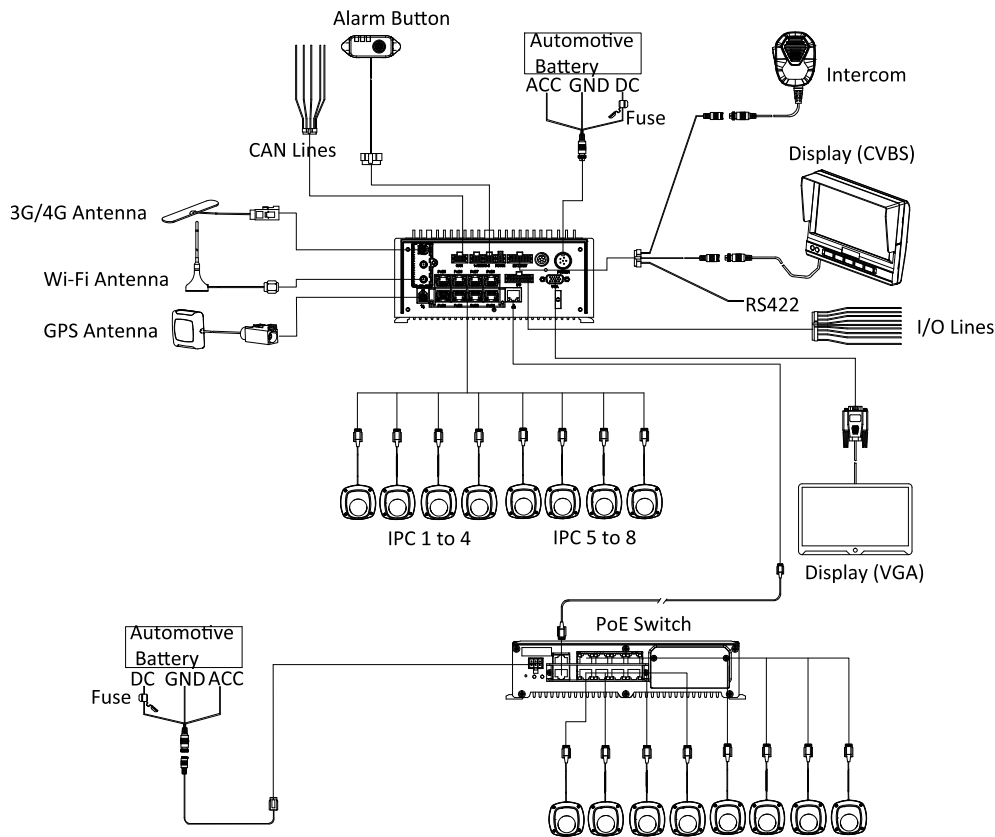
No.	Name	No.	Name
1	2 × CAN interface	8	8 × PoE interface
2	2 × RS-232 interface	9	1 × 10M/100M/1000M RJ45 Ethernet interface
3	RS-485 interface	10	I/O interface: 4-ch alarm inputs, 4-ch sensor in; 1-ch pulse signal input
4	EXT.DEV interface: RS-422 communication interface, two-way audio interface, and CVBS video output	11	VGA video output interface
5	USB interface of 5-pin aviation plug	12	Main 3G/4G antenna interface
6	6-pin aviation plug for power supply	13	Aux Wi-Fi antenna interface
7	GNSS antenna interface	14	Main Wi-Fi antenna interface

## Packing List

Description	Quantity	Picture	Note
Fuse	2		
Power cord	1		
Network cable clip	9		
Network cable bracket	1		
Key	1		
Remote control	1		
Alarm line	1		
Serial port line	1		
485 line	1		
Extension cable	1		
Screwdriver	1		
CAN cable	1		
3G/4G antenna	1		For GW/GLF model.

Description	Quantity	Picture	Note
Wi-Fi antenna (2.4G)	1		For WI model.
Wi-Fi antenna (5.8G)	2		For WI58 model.
GPS antenna	1		For model with GPS module.

## Peripheral Connection



Distributed by



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