DS-MP7608HN Series Mobile NVR

Main Features

- 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.
- Store videos that has dropped frame in SD card when HDDs/SSDs are 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, backing up, 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.
- Mobile DVR housing is available for protecting mobile DVR from water.

Available Models

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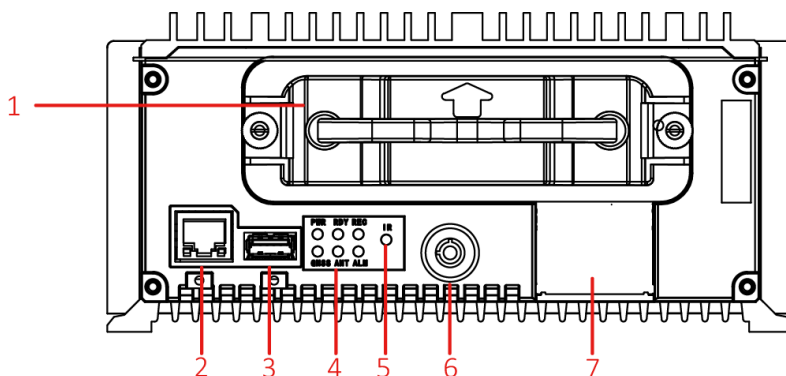DS-MP7608HN/GW/WI58, (Supports 3G dialing and 5.8 G Wi-Fi)

Specifications

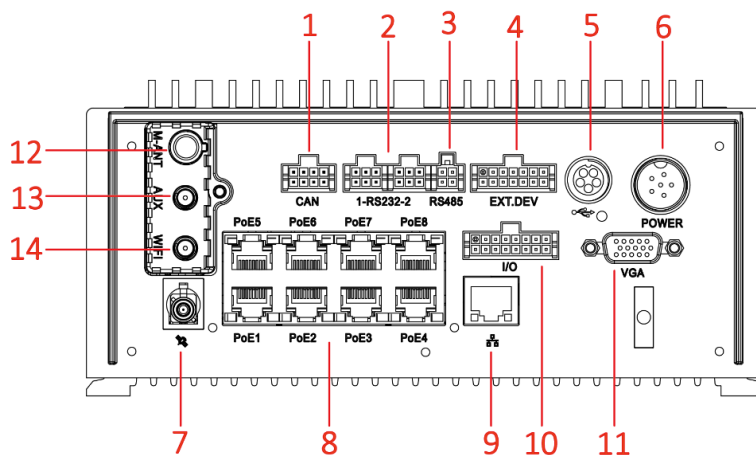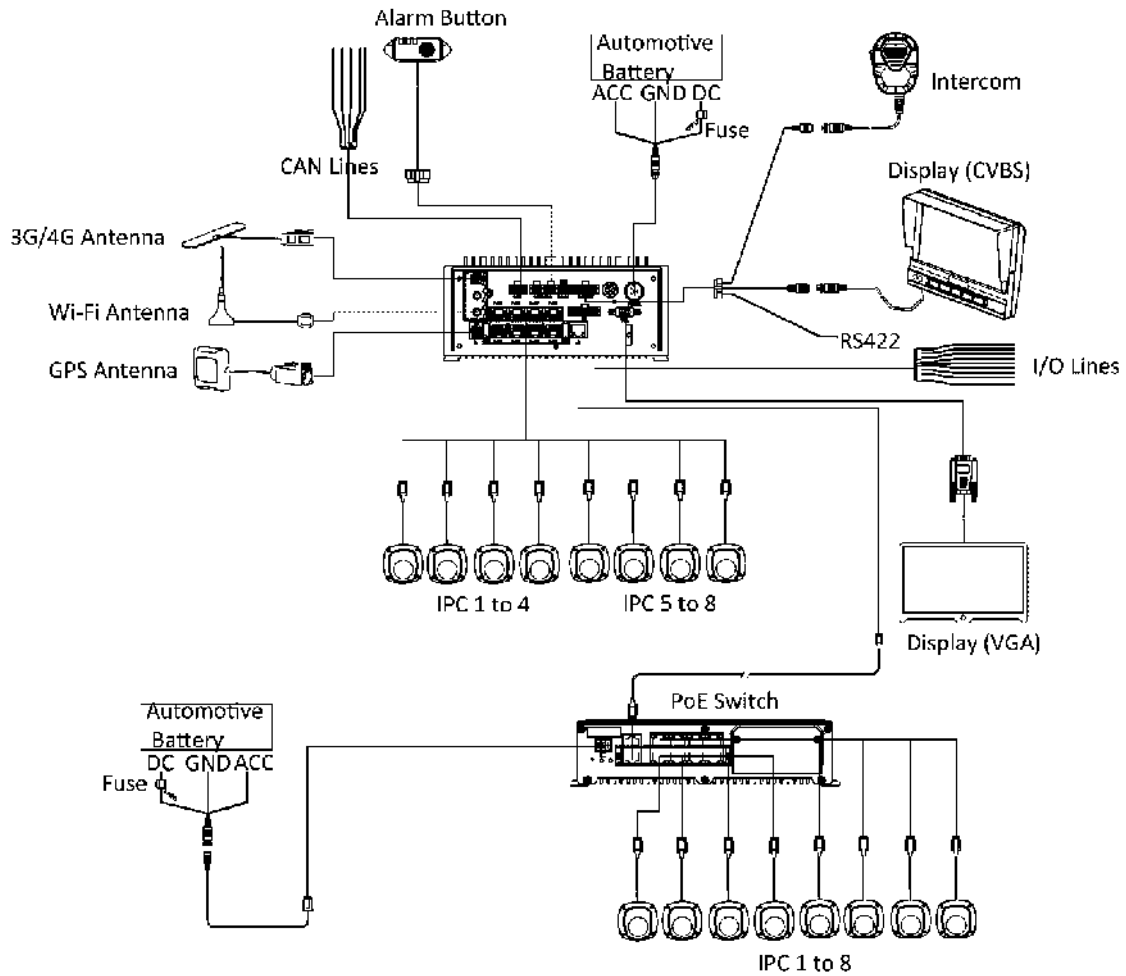| Model		DS-MP7608HN
Video/Audio input	IP camera	16-ch: 8-ch connected via PoE interfaces and 8-ch extendable via PoE interfaces
	Protocol	HIKVISION
	Two-way audio input	1-ch (2.0Vp-p, 1K Ω), G.722
Video/Audio output	CVBS video output	1-ch, PAL: 704 × 576, NTSC: 704 × 480
	VGA video output	1-ch, resolution: 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
	Audio output	1-ch
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
	Stream type	Video, Video & Audio
	Audio bitrate	16 Kbps
	Dual stream	Supported
Storage media	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
Wireless network	3G/4G dialing	1 × 3G/4G antenna, 1 × SIM card slot
	Wi-Fi	2 × Wi-Fi antenna, SMA interface, 5.8 G and 2.4 G are available
Positioning	GNSS	1 × positioning antenna for GPS
External interface	PoE interface	8 ×RJ45 PoE 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	● Front panel: 1 × USB 3.0 ● Rear panel: 1 × USB 2.0 of 5-pin aviation plug
	Sensor in	4 high/low level signal inputs. 1 pulse signal input. 1 BUTTON input (reserved)
	Alarm input	4 high/low level signal inputs
	Alarm output	2 relay signal outputs
General	Operating method	Mouse, IR remote control, Web control, and touchscreen
	Power supply	9 to 32 VDC
	Consumption	● Standby: < 0.1 W ● Full load: < 20 W (without display, camera, and HDD/SSD)
	Working temperature	● Device of which the dummy HDD provides heating function: -10 °C to +55 °C (14 °F to 131°F) ● Other devices: -20 °C to +60 °C (-4 °F to +140 °F)
	Working humidity	10% to 95%
	Dimensions (W × D × H)	202 × 267.6 × 93.9 mm (8.0 × 14.5 × 3.7 inch)
	Weight (without HDDs/SSDs)	3.66 kg (8.07 lb)

Physical Interfaces

Front Panel

No.	Name	No.	Name
1	Dummy HDD/SSD	4	Power indicator
2	10M/100M/1000M RJ45 Ethernet interface		Ready indicator
3	USB 30 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

Peripheral Connection

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