

DS-MP7608HN(xx) Mobile Video Recorder Series



Hikvision's DS-MP7608HN(xx) Mobile Video Recorder supports 8 IP cameras via PoE interfaces and an additional 8 via a PoE switch, all at 1080p resolution. The device has 1 CVBS output and 1 VGA output, two HDD/SSD bays, built-in GPS, an optional Wi-Fi module, and vehicle battery protection.

Available Models

DS-MP7608HN: RJ-45

DS-MP7608HN(M12): M12

DS-MP7608HN(1T): RJ-45, 1T HDD

DS-MP7608HN(1T)(M12): M12, 1T HDD

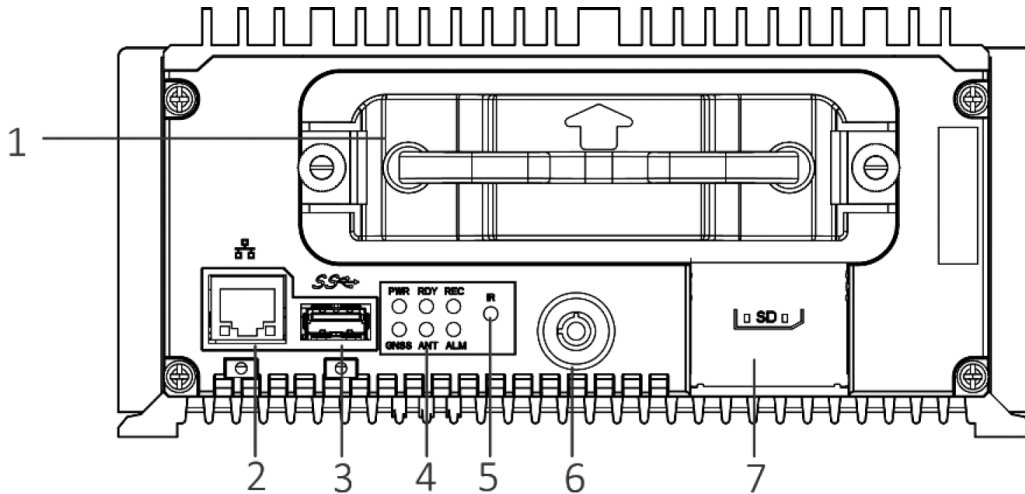
- Connects 8 IP Cameras via PoE Interfaces, 8 More via PoE Switch
- 1080p Resolution with H.264/H.265
- 1 x CVBS Output
- 1 x VGA Output, up to 1080p Resolution
- 2 x Pluggable 2.5-inch HDDs/SSDs w/Vibration Damping
- Stores Videos w/Dropped Frame in SD Card when HDD/SSD Damaged
- Pluggable Wi-Fi Module (DS-MP1460)
- Built-in GPS (Global Positioning System)
- Collects Driving Information (Left/Right Turning, Braking, Reversing, etc.)
- Aviation Connectors Ensure Signal Stability
- Shutdown Delay (0 h to 6 h) and 24-hour Scheduled Startup/Shutdown
- Back up Two Upgrade Packages
- Vehicle Battery Protection
- Wide-Range Power Input (+9 VDC to +32 VDC)
- Power-off Protection Prevents Key Data Loss
- Supports Access via Web Browser
- Aluminum Die-Cast Chassis

Specifications

DS-MP7608HN • DS-MP7608HN(M12)		DS-MP7608HN(1T) • DS-MP7608HN(1T)(M12)	
Video/Audio Input			
IP Camera	16 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	CVBS: 1, PAL: 704 x 576 NTSC: 704 x 480 VGA: 1, 1920 x 1080, 1280 x 1024, 1280 x 720, 1024 x 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 25 fps NTSC: 1 to 30 fps		
Audio Compression	G.722		
Stream Type	Video, video & audio		
Audio Bitrate	16 Kbps		
Dual Stream	Supported		
Storage			
HDD/SSD	2 x 2.5 inch HDD/SSD slot, up to 2 TB capacity for each HDD/SSD --- 1 TB HDD pre-installed		
SD card	Dummy HDD with USB 3.0 interface 1 x SD card, up to 256 GB		
Wireless Network*			
Wi-Fi	2 x 5.8 G Wi-Fi SMA antenna *Wi-Fi function requires DS-MP1460 Mobile Wireless Component (not included)		
Positioning			
GNSS (Global Navigation Satellite System)	GPS (Global Positioning System), 1 x Rosenberger antenna		
PoE			
PoE Interface	8 x RJ-45 PoE interface 8 x M12 PoE interface with (M12) models		
Maximum Consumption	51 W		
External Interface			
Network Interface	Front panel: 1 x 10M/100M/1000M RJ-45 Ethernet interface Rear panel: 1 x 10M/100M/1000M M12 Ethernet interface		
Serial Port	2 x RS-232 1 x RS-485 1 x RS-422 (integrated in EXT.DEV interface)		
CAN Interface	2		
USB Interface	Front panel: 1 x USB 3.0 Rear panel: 1 x USB 2.0 of 5-pin aviation plug		
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	Standby: ≤0.5 W Full load: ≤99 W NOTE: Without peripheral and storage media: ≤20 W		
Working Temperature	Device that provides dummy HDD with heating function: -30° to +60° C (-22° to +140° F) Other devices: -10° to +60° C (14° to 140° F)		
Working Humidity	10% to 95% (non-condensing)		
Dimensions (W x D x H)	202 mm x 267.6 mm x 93.9 mm (8.0" x 14.5" x 3.7")		
Weight (Without Storage Media)	3.66 kg (8.07 lb)		

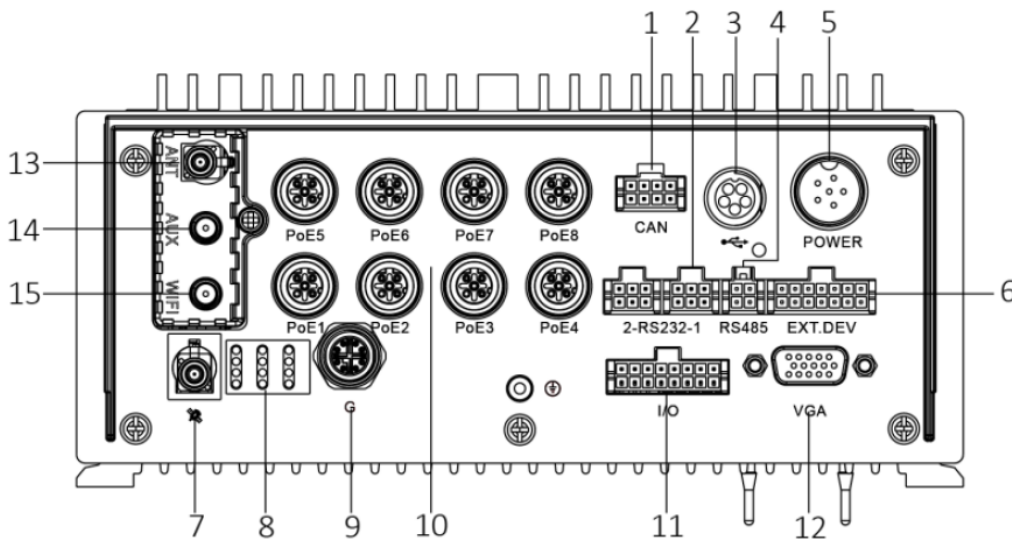
Interface

Front Panel



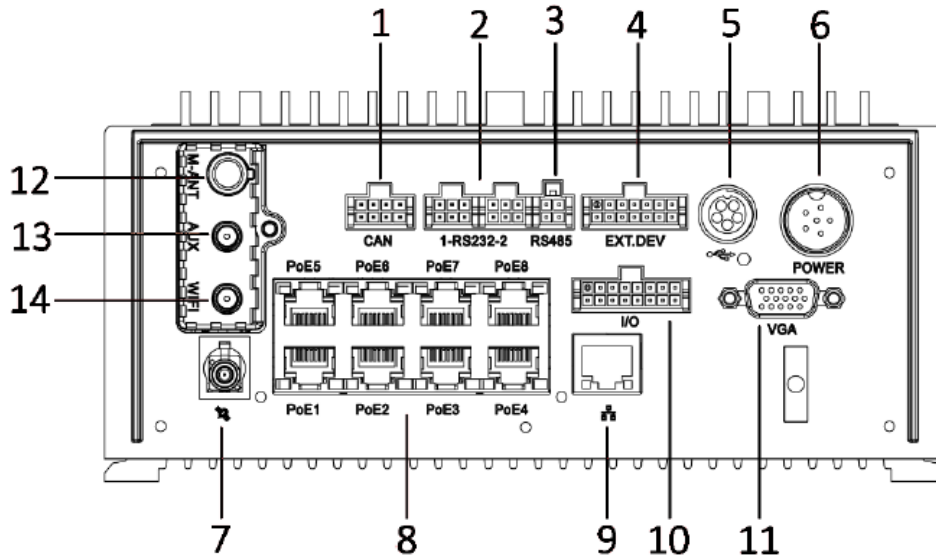
No.	Name	No.	Name
1	Dummy HDD/SSD	5	IR receiver
2	10M/100M/1000M RJ-45 Ethernet interface	6	Lock/Unlock the hard disk box
3	USB 3.0 interface	7	SD card slot
4	Power indicator		
	Ready indicator		
	Record indicator		
	GNSS indicator		
	ANT indicator		
	Alarm indicator		

Rear Panel (M12)




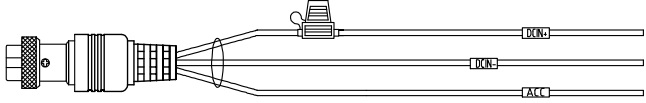

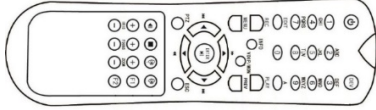
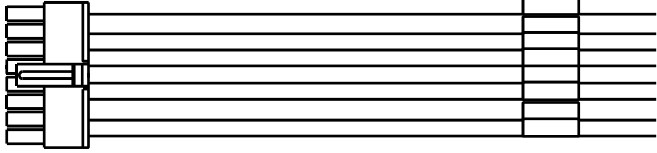

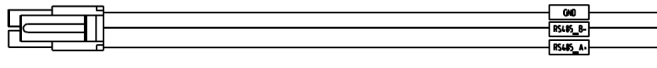
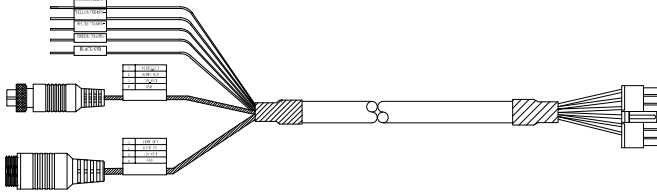

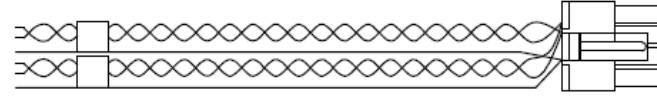
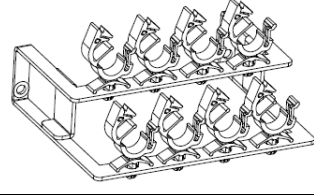
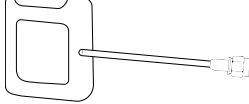
No.	Name	No.	Name
1	2 x CAN interface	9	10M/100M/1000M M12 Ethernet interface
2	2 x RS-232 interface	10	8 x M12 PoE interface
3	USB interface of 5-pin aviation plug	11	I/O interface: 4-ch alarm input, 2-ch alarm output, 4-ch sensor in, 1-ch pulse signal input
4	RS-485 interface	12	VGA video output interface
5	6-pin aviation plug for power supply	13	Reserved
6	EXT.DEV interface: RS-422 communication interface, two-way audio interface, and CVBS video output	14	Aux Wi-Fi antenna interface
7	GNSS antenna interface	15	Main Wi-Fi antenna interface
8	Channel and network indicators		

Rear Panel (RJ-45)

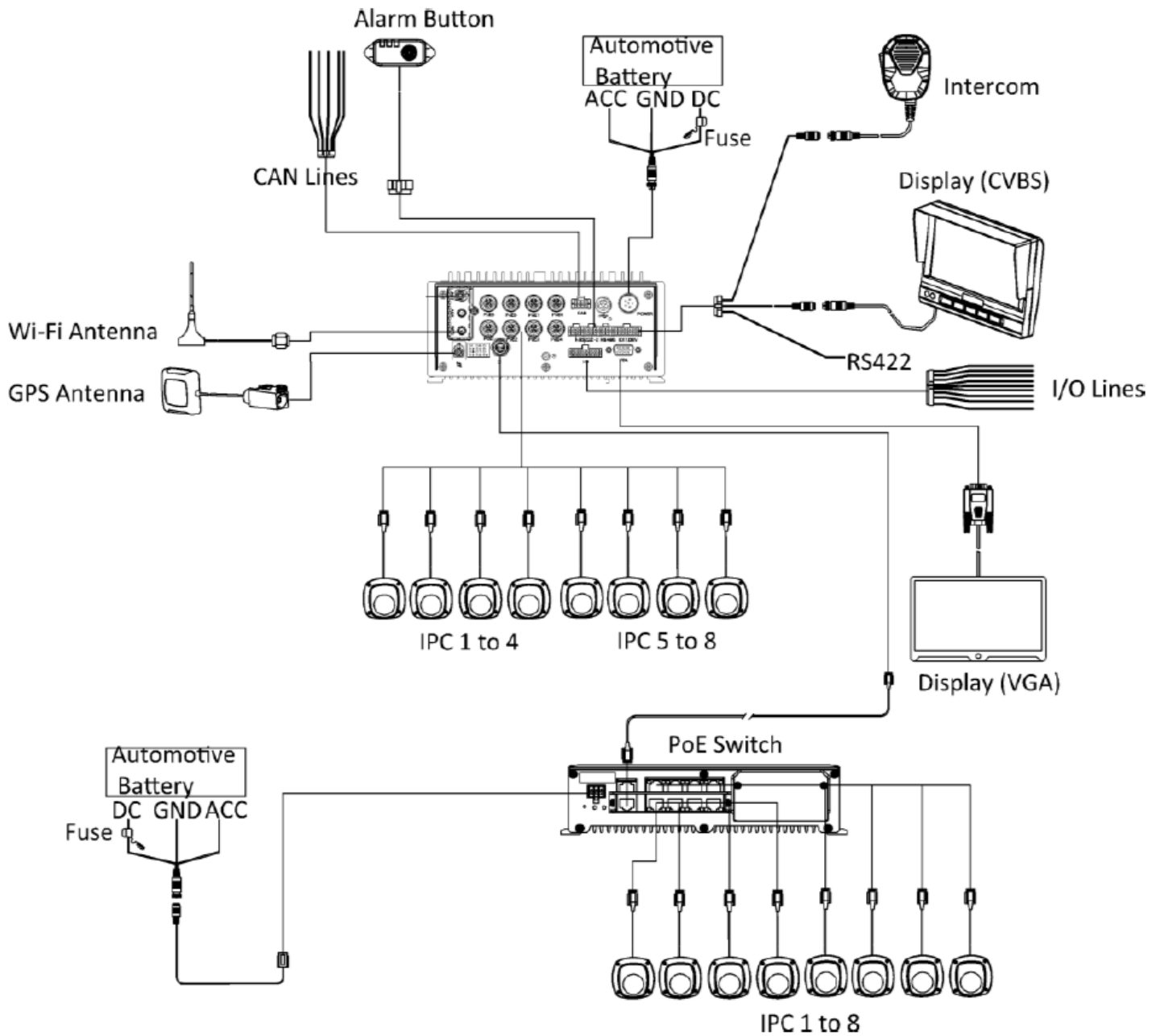


No.	Name	No.	Name
1	2 x CAN interface	8	8 x PoE interface
2	2 x RS-232 interface	9	1 x 10M/100M/1000M RJ-45 Ethernet interface
3	RS-485 interface	10	I/O interface: 4-ch alarm inputs, 4-ch sensor in; 1-ch pulse signal input
4	EXT.DEV interface: RS-422 communication interface, two-way audio interface, and CVBS video output	11	VGA video output interface
5	USB interface of 5-pin aviation plug	12	Reserved
6	6-pin aviation plug for power supply	13	Aux Wi-Fi antenna interface
7	GNSS antenna interface	14	Main Wi-Fi antenna interface


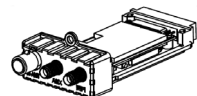
Contents

Description	Qty	Picture	Note
Fuse	2		
Power Cord	1		
Keys	2		
Remote Control	1		
Alarm Line	1		
Serial Port Line	1		
RS-485 Line	1		
Extension Cable	1		
Screwdriver	1		
CAN Cable	1		
Network Cable Clips	9		Non (M12) models only
Cable Bracket	1		
GPS Antenna	1		

Peripheral Connections (DS- MP760xHN(M12) Shown as Example)



Accessories

NOT INCLUDED	
	
DS-MP1734 Weatherproof Protective Cover	DS-MP1460 Mobile Wireless Component