

DS-MP7608HN/M12 Series Mobile Video Recorder



Key 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.
- 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, 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, supporting M12

DS-MP7608HN/GW/WI58, supporting M12, 3G dialing, and 5.8G Wi-Fi

DS-MP7608HN/GLF/WI58, supporting M12, 4G dialing, and 5.8G Wi-Fi

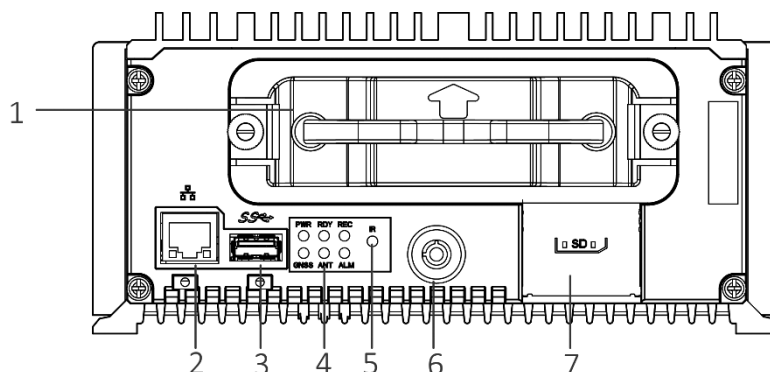


Specifications

| Model | | DS-MP7608HN/M12(/GW)(/WI)(/WI58) |
|------------------------------|---|---|
| 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 | CVBS: 1, PAL: 704 × 576, NTSC: 704 × 480 VGA: 1, 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"> ● WI58 model: 2 × 5.8 G Wi-Fi SMA antenna ● WI model: 1 × 2.4 G Wi-Fi SMA antenna |
| Positioning | GNSS (Global Navigation Satellite System) | GPS (Global Positioning System), 1 × Rosenberger antenna |
| PoE | PoE Interface | 8 × M12 PoE interface |
| | Max. Consumption | 51 W |
| External interface | Network Interface | <ul style="list-style-type: none"> ● Front panel: 1 × 10M/100M/1000M RJ45 Ethernet interface ● Rear panel: 1 × 10M/100M/1000M M12 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"> ● 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 |
| | Alarm Input | 4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input (reserved) |
| | Alarm Output | 2 relay signal outputs |
| | Operating Method | Mouse, IR remote control, Web control, and touchscreen |
| General | Power Supply | 9 to 32 VDC |
| | Consumption | <ul style="list-style-type: none"> ● Standby: ≤ 0.5 W ● Full load: ≤ 99 W Note: Without peripheral and storage media ≤ 20 W |
| | Working Temperature | <ul style="list-style-type: none"> ● Device that provides dummy HDD with heating function: -30 °C to +60 °C (-22 °F to +140°F) ● Other devices: -10 °C to +60 °C (14 °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 Storage Media) | 3.66 kg (8.07 lb) |

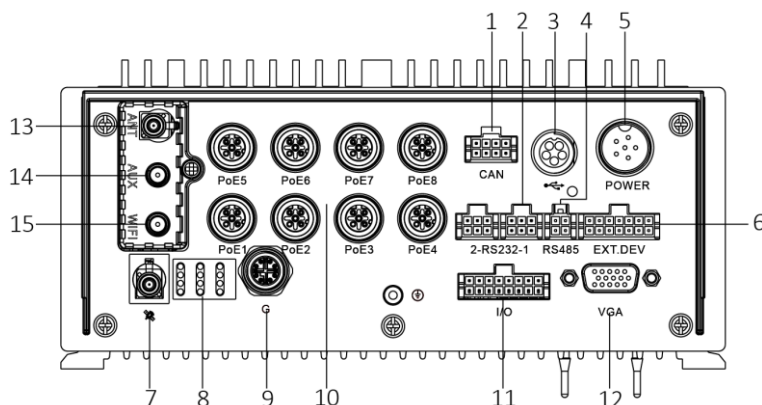
Physical Interfaces

Front Panel




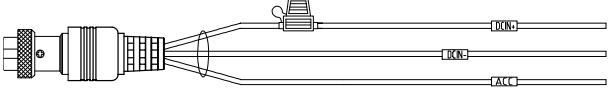
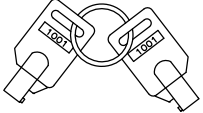
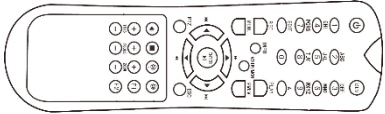
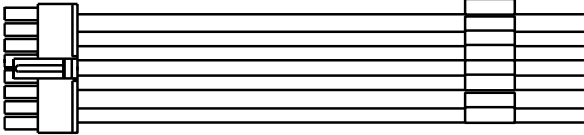
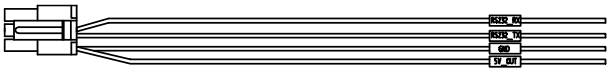
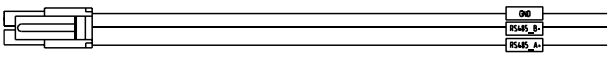
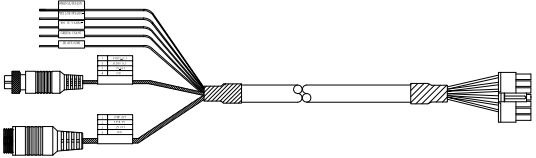

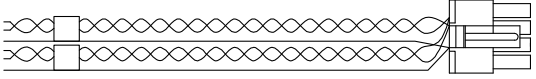

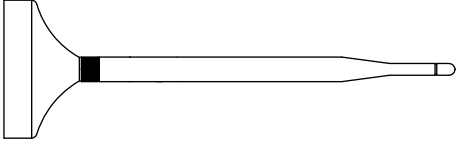
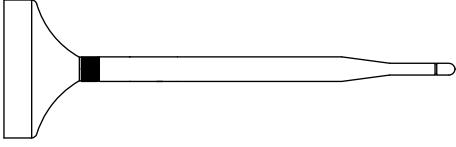
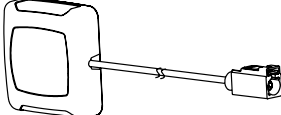
| No. | Name | No. | Name |
|-----|--|-----|------------------|
| 1 | Dummy HDD/SSD | 4 | Power indicator |
| 2 | 10M/100M/1000M RJ45 Ethernet interface | | Ready indicator |
| 3 | USB 3.0 interface | | Record indicator |
| 5 | IR receiver | | GNSS indicator |
| 6 | Lock/Unlock the hard disk box | |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

Rear Panel

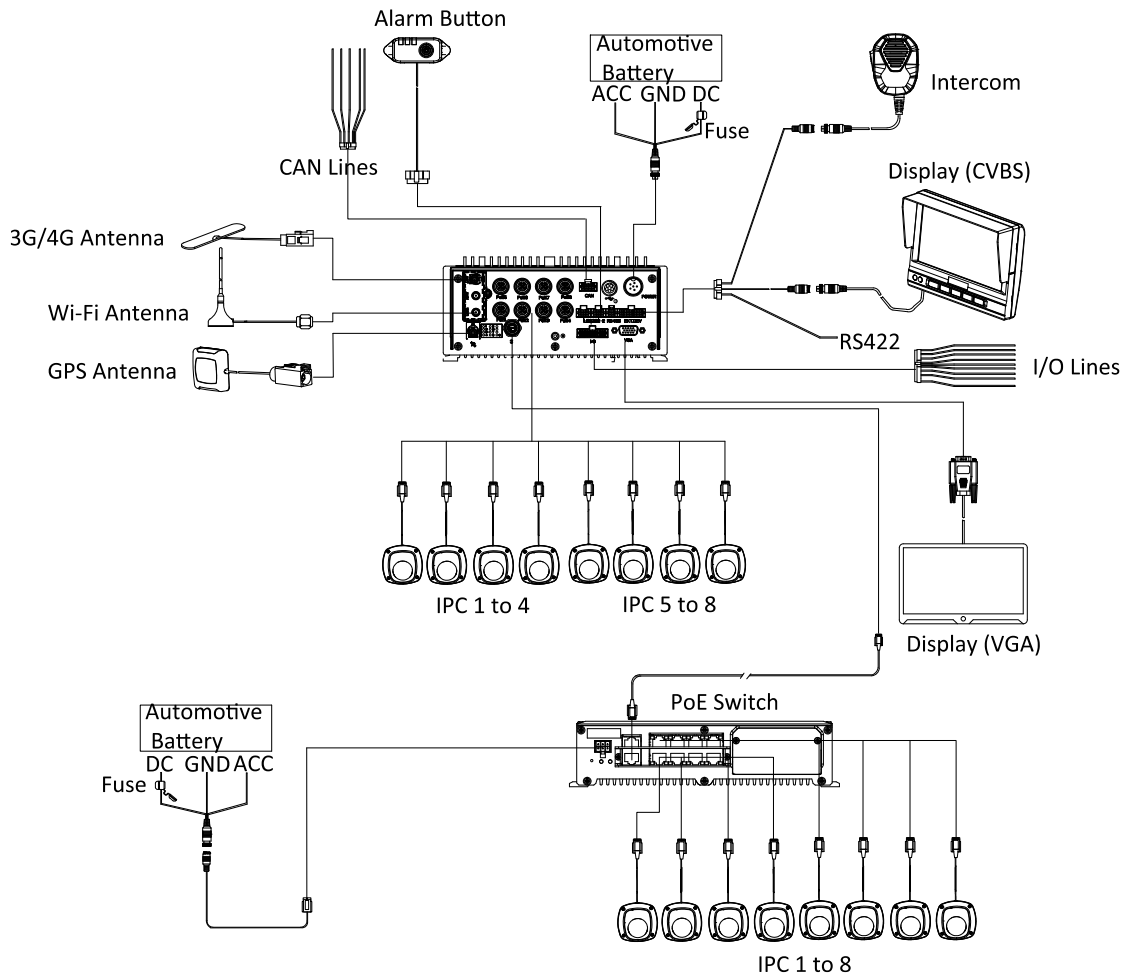


| No. | Name | No. | Name |
|-----|---|-----|---|
| 1 | 2 × CAN interface | 9 | 10M/100M/1000M M12 Ethernet interface |
| 2 | 2 × RS-232 interface | 10 | 8 × M12 PoE interface |
| 3 | USB interface of 5-pin aviation plug | 11 | I/O interface: 4-ch alarm input, 2-ch alarm output, 4-ch sensor in, 1-ch pulse signal input |
| 4 | RS-485 interface | 12 | VGA video output interface |
| 5 | 6-pin aviation plug for power supply | 13 | Main 3G/4G antenna interface |
| 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 | | |

Packing List

| Description | Quantity | Picture | Note |
|----------------------|----------|--|----------------------------|
| Fuse | 2 |  | |
| Power cord | 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. |
| 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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