

## 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

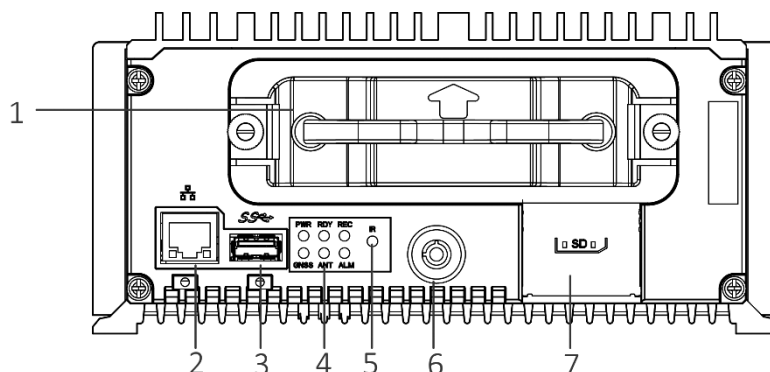


# Specifications

| 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<br>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"> <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 × M12 PoE interface                                                                                                                                                                                     |
|                              | Max. Consumption                          | 51 W                                                                                                                                                                                                      |
| External interface           | Network Interface                         | <ul style="list-style-type: none"> <li>● Front panel: 1 × 10M/100M/1000M RJ45 Ethernet interface</li> <li>● Rear panel: 1 × 10M/100M/1000M M12 Ethernet interface</li> </ul>                              |
|                              | 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 (8.0 × 14.5 × 3.7 inch)                                                                                                                                                             |
|                              | Weight (Without Storage Media)            | 3.66 kg (8.07 lb)                                                                                                                                                                                         |

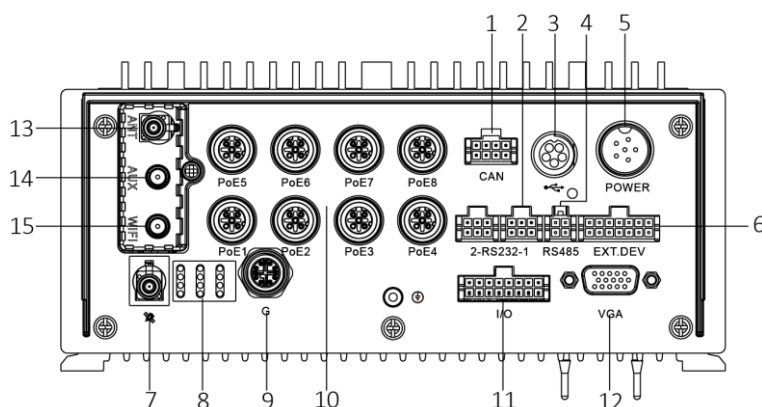
# Physical Interfaces

## Front Panel



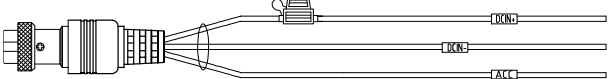
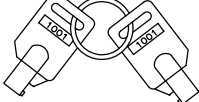
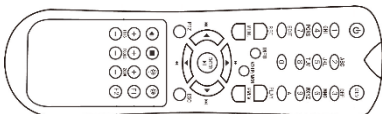
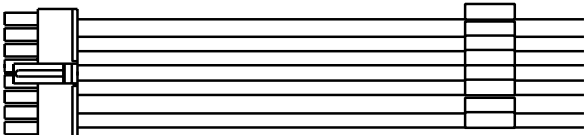
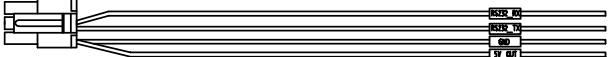
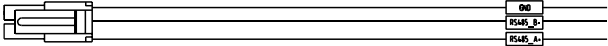
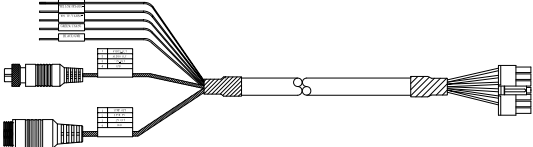
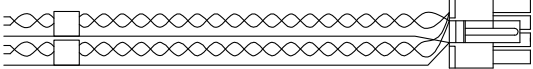
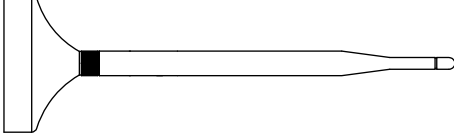
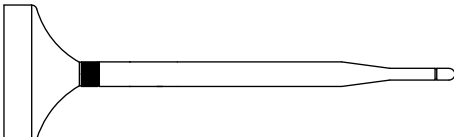
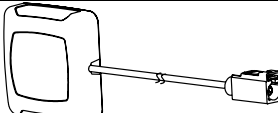
| No. | Name                                   | No. | Name             |
|-----|----------------------------------------|-----|------------------|
| 1   | Dummy HDD/SSD                          | 4   | Power indicator  |
| 2   | 10M/100M/1000M RJ45 Ethernet interface |     | Ready indicator  |
| 3 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

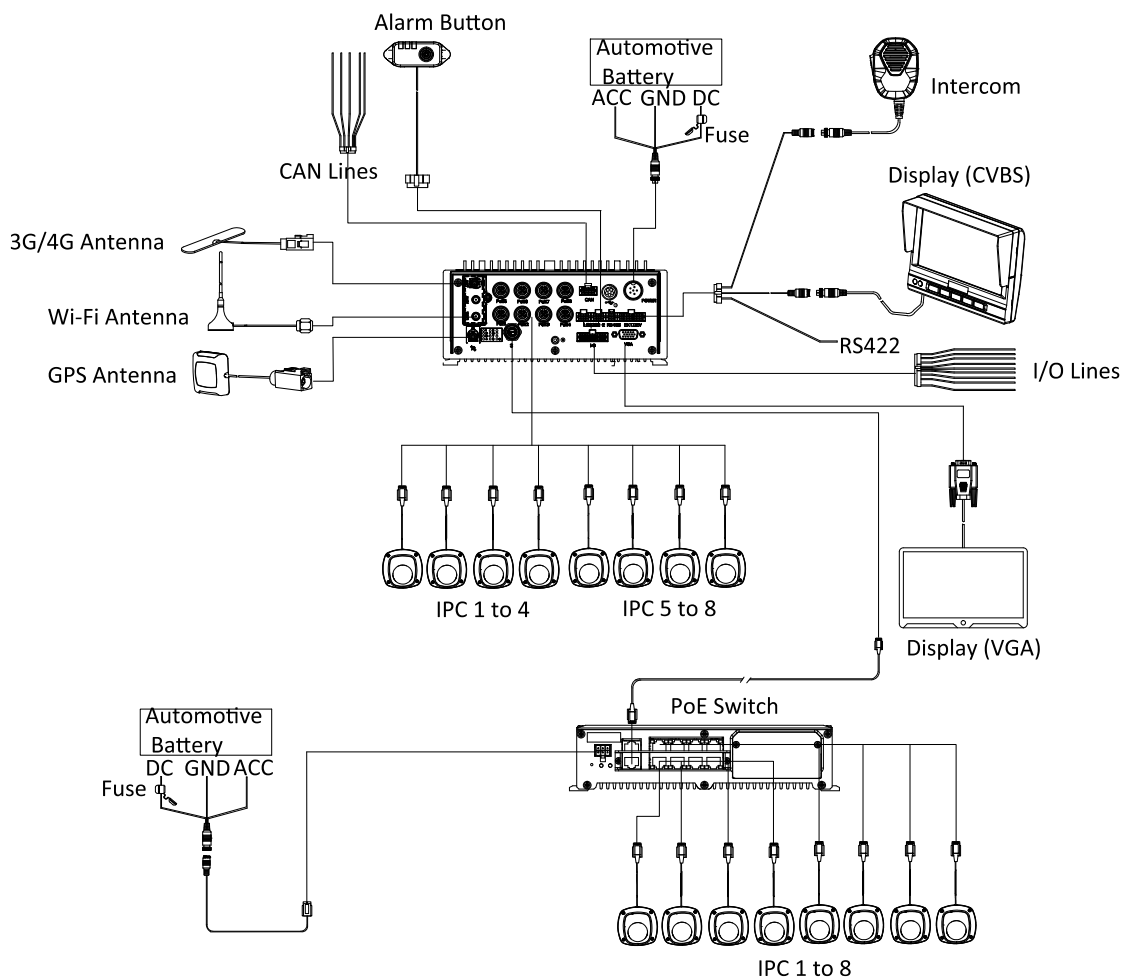


| No. | Name                                                                                              | No. | Name                                                                                        |
|-----|---------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------|
| 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

## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com