

## 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)

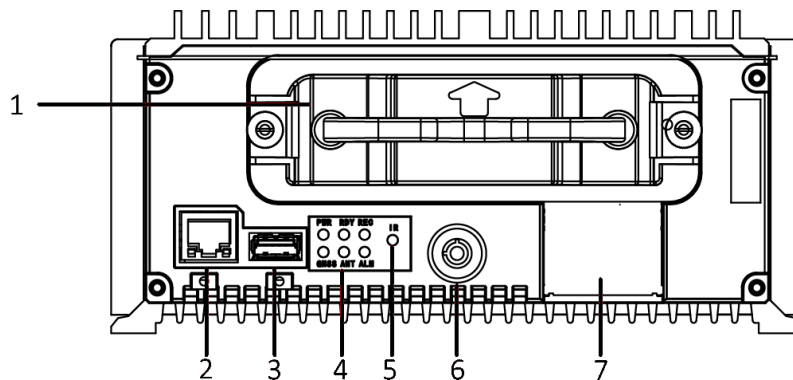


# Specification

| 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<br>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)  |

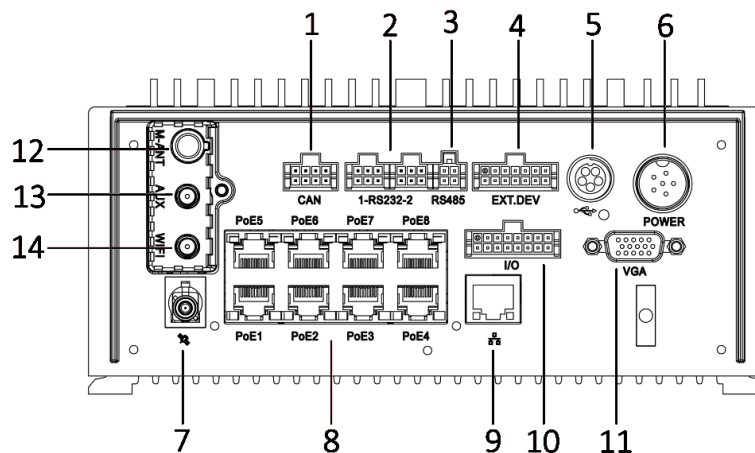
# Physical Interface

## Front Panel




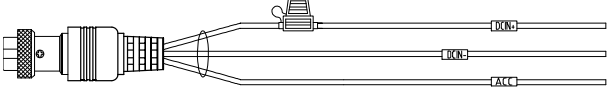
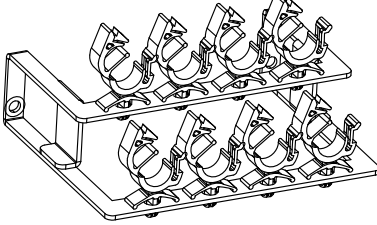
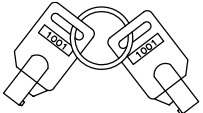
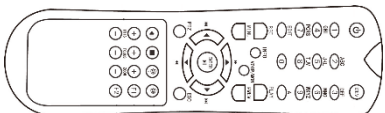
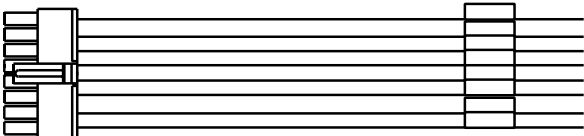
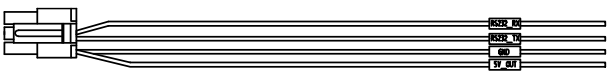
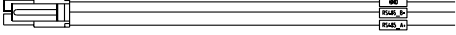
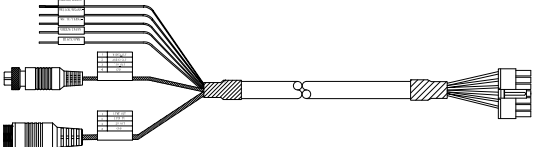
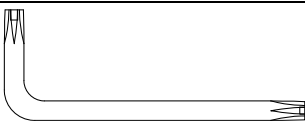
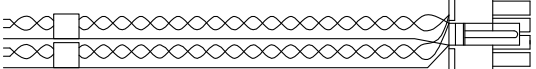

| No. | Name                                   | No. | Name             |
|-----|--|-----|------------------|
| 1   | Dummy HDD/SSD                          | 4   | Power indicator  |
| 2   | 10M/100M/1000M RJ45 Ethernet interface |     | Ready indicator  |
| 3   | USB 3.0 interface                 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

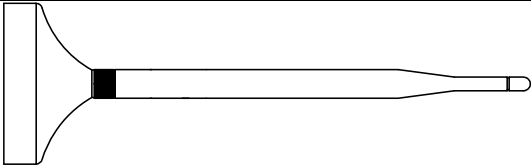
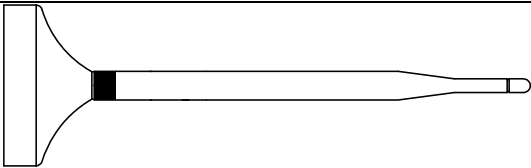
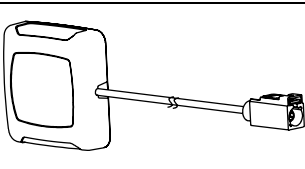
## Rear Panel



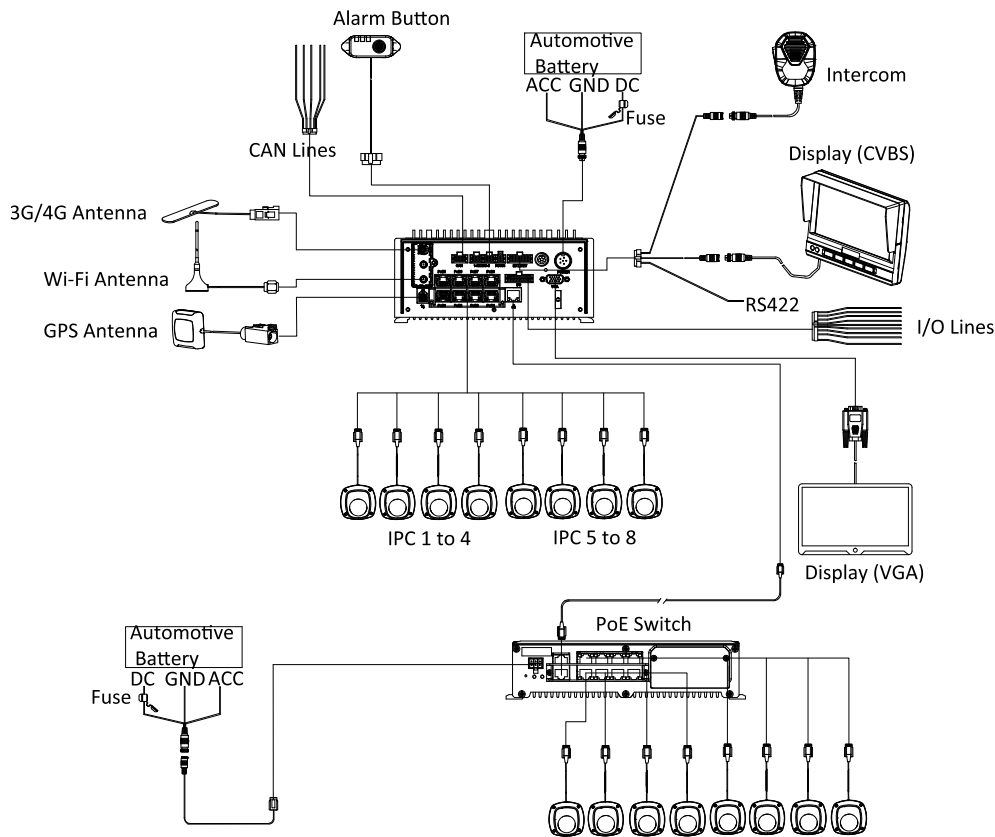
| No. | Name  | No. | Name  |
|-----|---|-----|---|
| 1   | 2 × CAN interface   | 8   | 8 × PoE interface   |
| 2   | 2 × RS-232 interface  | 9   | 1 × 10M/100M/1000M RJ45 Ethernet interface                                |
| 3   | RS-485 interface  | 10  | I/O interface: 4-ch alarm inputs, 4-ch sensor 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<br>(2.4G) | 1        |  | For WI model.              |
| Wi-Fi antenna<br>(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 Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

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

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

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

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

**Hikvision Turkey**  
T +90 [216]521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 [10] 0351172  
sale.africa@hikvision.com

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

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

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

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

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

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

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

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

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com