

## DS-M7508HNI Series Mobile NVR



### Features and Functions

- User-friendly GUI providing easy and flexible operations
- Pluggable 3G (WCDMA) or 4G(LTE-TDD) module providing flexible data transmission solutions
- Pluggable GPS (Global Positioning System) module precisely positioning the vehicle via the satellite and recording the location information in the video stream
- IP camera connection with Hikvision private protocol and ONVIF protocol supported;
- 8 RJ45 independent network interfaces connectable to 8 IP cameras; each channel supports up to 1080P resolution with H.264 encoding technology
- 3-ch CVBS video outputs and 3-ch audio outputs
- 1-ch VGA video output at up to 1920×1080 resolution
- Two pluggable 2.5-inch HDDs/SSDs, adopting hard disk vibration damping technology
- Information collection interfaces collect driving information such as left/right turn, braking, backing up, etc.
- Specialized aviation plugs ensure signal stability
- Built-in G-sensor detects and records acceleration speed information in 3-axial (X, Y, Z) directions
- Delay (0 h to 6 h) shutdown and 24-hour scheduled startup/shutdown
- Wide-range power input (+9VDC to +32 VDC)
- Power-off protection prevents key data from loss
- Aluminum die-cast chassis with no fan design well adaptable to working environment
- Software-based firewall supported
- PTZ control is supported
- Hard disk box with USB interface supports intelligent temperature control and data export;
- Support accessing via WEB browser
- EN50155 certification

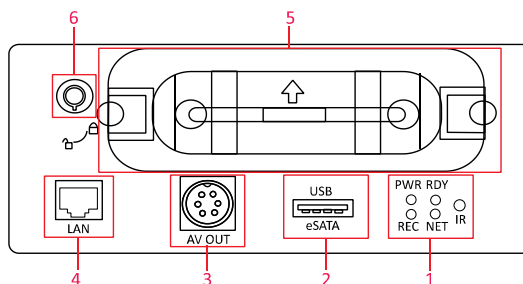


## Specifications

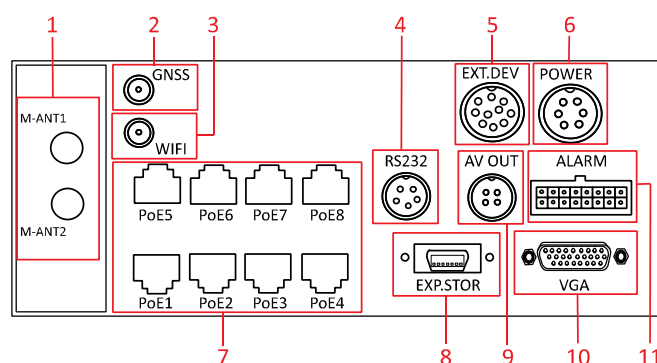
| Model               |                     | DS-M7508HNI   |
|---------------------|---------------------|---|
| Video/Audio input   | IP video input      | 8-ch  |
|                     | Audio input         | 8-ch  |
| Video/Audio output  | VGA output          | 1-ch, Resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |
|                     | CVBS output         | 3-ch, Aviation plug (1.0 Vp-p, 75 Ω); Resolution: PAL: 704 × 576, NTSC: 704 × 480   |
|                     | Audio output        | 3-ch, Aviation plug (linear level, 600 Ω)   |
| Decoding parameters | Video compression   | H.264   |
|                     | Frame rate          | 25 fps (PAL)/30 (NTSC)  |
|                     | Audio compression   | G.711   |
|                     | Playback            | Local playback: single channel playback;<br>Web playback: single channel playback and multi-channel synchronous playback.   |
| Hard disk           | Type                | Two 2.5-inch SATA HDDs/SSDs   |
|                     | Capacity            | Up to 1TB capacity for each disk supported  |
|                     | Installation        | Pluggable   |
|                     | Protection          | Patented 3-generation hard disk box   |
|                     | Backup              | USB interfaces on hard disk box and device front panel supporting data backup   |
| Wireless Network    | Dialing             | 3G (WCDMA) and 4G (LTE-TDD) optional  |
|                     | Wi-Fi               | 802.11 b/g/n supported, 2.4GHz  |
| Positioning         | GNSS                | GPS   |
| External interface  | Two-way audio       | 1-ch, G. 722  |
|                     | Sensor-in           | 4 high/low level signal inputs; 1 pulse signal input (reserved)   |
|                     | Alarm input         | 3 high/low level signal inputs  |
|                     | Alarm output        | 2 signal outputs  |
|                     | Network interface   | 1 RJ45 10M/100M self-adaptive Ethernet interface.   |
|                     | Serial interface    | 1 RS-232 interface.<br>1 RS-422 interface, including reserved auto announcer interface.   |
|                     | USB interface       | 1 USB2.0 interface on the front panel;  |
|                     | PoE interface       | 8 RJ45 10M/100M self-adaptive PoE interfaces, 802.3af, Total consumption: 40W   |
|                     | eSATA interface     | 1   |
|                     | EXP.STOR            | Connectable to external HDD for storage expansion (reserved)  |
|                     | SIM card            | 1, standard SIM card slot   |
| General             | Operating system    | Embedded Linux operation system   |
|                     | Operating method    | Local operation, IR remote control, Web operation   |
|                     | Power supply        | 9 to 32 VDC   |
|                     | Consumption         | Standby: Max. 0.5W; Full load: Max.20W (without IP cameras or hard disks)   |
|                     | Working temperature | -10° C to +55° C (14° F to 131° F) with enterprise-class HDD;<br>-20° C to +60° C (-4° F to 140° F) with industrial-class HDD.<br><b>Note:</b> for enterprise-class HDD, when the temperature < 0 °C, the heater for hard disk is needed. |
|                     | Working humidity    | 10% to 90%  |
|                     | Dimensions (W×D×H)  | 245.8mm×202mm×86.87mm)  |
|                     | Weight              | ≤ 3.5kg (7.72 lb) (without hard disk)   |

## Physical Interfaces

### Front Panel



### Rear Panel



| Index | Description                      | Index | Description  |
|-------|----------------------------------|-------|--|
| 1     | Indicators LAN Network Interface | 4     | RJ45 10M/100M self-adaptive Ethernet interface     |
| 2     | USB Interface, eSATA interface   | 5     | Hard disk box (support 2.5-inch SATA HDDs / SSDs ) |
| 3     | Aviation AV OUT                  | 6     | Hard disk box lock                                 |

| Index | Description                                       | Index | Description                                       |
|-------|---|-------|---|
| 1     | 3G/4G antenna interfaces (M-ANT2, reserved)       | 7     | 4-pin Rj45 PoE network interface                  |
| 2     | GPS antenna interface                             | 8     | Connectable to external storage device            |
| 3     | Wi-Fi antenna interface                           | 9     | 4-pin aviation AV OUT                             |
| 4     | 5-pin aviation RS232 interface                    | 10    | VGA interface                                     |
| 5     | EXT. DEV (audio output, two-way audio and RS-422) | 11    | I/O (including alarm in, alarm out and sensor in) |
| 6     | Power supply                                      |       |   |

Distributed by

## Available Models

DS-M7508HNI  
DS-M7508HNI/GW  
DS-M7508HNI/GW/WI  
DS-M7508HNI/GLF/WI

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