

## DS-MP5604 Series Mobile Video Recorder

### Key Feature

- User-friendly GUI providing easy and flexible operations.
- Pluggable 3G/4G module and Wi-Fi module providing flexible data transmission solutions.
- Built-in GPS module precisely positioning the vehicle via the satellite and recording the location information in the video stream.
- Hikvision private protocol (4000 protocol) and ONVIF supported.
- Access of 4 HD TVI cameras with up to 1080p resolution.
- Access of 4 IP cameras with up to 1080p resolution.
- Pluggable dummy HDD for HDD with up to 2 TB capacity.
- Information collection interfaces collecting driving information such as left/right turn, braking, reversing, etc.
- Specialized aviation connectors ensuring signal stability.
- Shutdown delay (0 h to 6 h) and 24-hour scheduled startup/shutdown.
- Battery protection avoids vehicle from running out of battery.
- Wide-range power input (+9 VDC to +32 VDC).
- Power-off protection prevents key data loss.
- Aluminum die-cast chassis with no fan design well adaptable to working environment.
- Software-based firewall supported.
- Connectable to PTZ camera and PTZ control is supported.
- Support accessing via WEB browser.



### Available Model

DS-MP5604

DS-MP5604/GW, (supports 3G dialing)

DS-MP5604/GW/WI58, (supports 3G dialing and 5.8G Wi-Fi)

DS-MP5604/GLF, (supports 4G dialing)

DS-MP5604/GLF/WI58, (supports 4G dialing and 5.8G Wi-Fi)

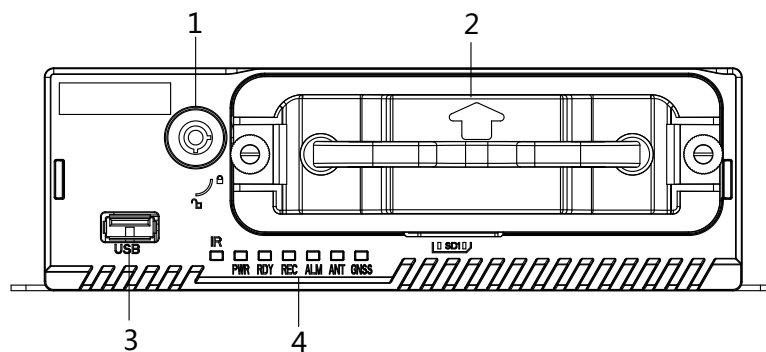


# Specification

| Model                        |   | DS-MP5604   |
|------------------------------|---|---|
| Video/Audio Input            | Analog Camera                             | 4 analog cameras, up to 1080p resolution  |
|                              | IP Camera                                 | 4 IP cameras, up to 1080p resolution (extendable via PoE switch)  |
|                              | Two-way Audio                             | 1, integrated in EXT.DEV interface  |
| Video/Audio Output           | Video Output                              | Main output: 1, integrated in EXT.DEV interface<br>VGA: 1   |
|                              | Audio Output                              | 1   |
| Encoding/Decoding Parameters | Video Compression                         | H.264/H.265   |
|                              | Encoding Resolution                       | Main stream: 1080p/720p/WD1/4CIF<br>Sub-stream: 720P/WD1/4CIF/2CIF/CIF  |
|                              | Frame Rate                                | <ul style="list-style-type: none"> <li>● PAL: 1 to 15 fps@1080P; NTSC: 1 to 15 fps@1080P;</li> <li>● PAL: 1 to 25 fps@720P; NTSC: 1 to 30 fps@720P</li> </ul>   |
|                              | Audio Compression                         | G.711/G.722.1   |
|                              | Stream Type                               | Video, video & audio  |
|                              | Audio Bitrate                             | 16 Kbps   |
|                              | Dual Stream                               | Supported   |
| Storage                      | HDD/SSD                                   | 1 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD<br>A 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                                     | WI58 model: 2 × 5.8 G Wi-Fi SMA antenna   |
| Positioning                  | GNSS (Global Navigation Satellite System) | GPS (Global Positioning System) & GLONASS (Global Navigation Satellite System), 1 × Rosenberger antenna   |
| External Interface           | Network Interface                         | 1 × 10M/100M M12 6-pin aviation connector   |
|                              | Serial Port                               | 2 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface)  |
|                              | USB Interface                             | <ul style="list-style-type: none"> <li>● Front panel: 1 × USB 2.0</li> <li>● Rear panel: 1 × USB 2.0 (5-pin aviation connector)</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  |
|                              | 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: ≤ 45 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%  |
|                              | Dimension (W × D × H)                     | 206 × 225.4 × 60.1 mm (8.1 × 8.87 × 2.37 inch)  |
|                              | Weight (Without Storage Media)            | 1.7 kg (3.7 lb)   |

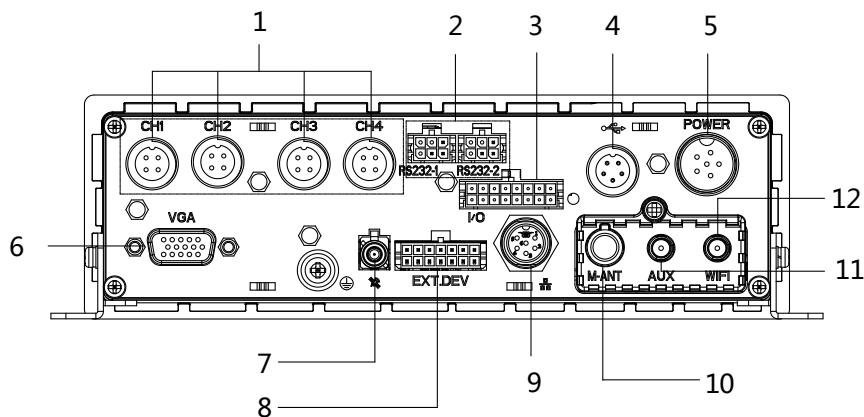
# Physical Interface

## Front Panel




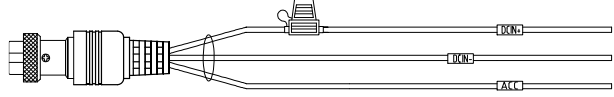
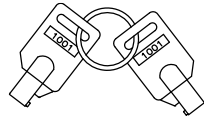
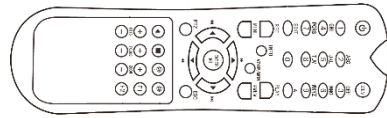
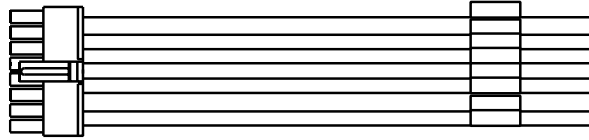
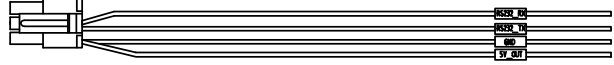
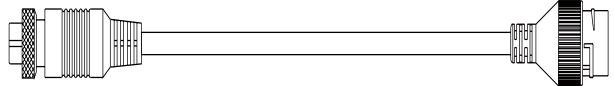
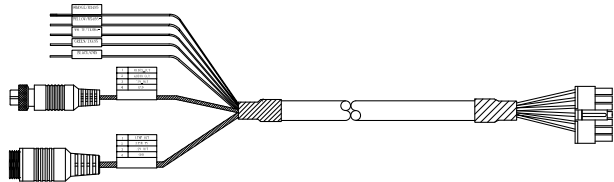


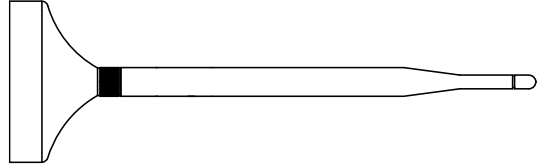
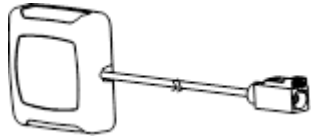
| No. | Name               | No. | Name                   |
|-----|--------------------|-----|------------------------|
| 1   | Dummy HDD/SSD lock | 4   | PWR: Power indicator   |
| 2   | Dummy HDD/SSD      |     | RDY: Ready indicator   |
| 3   | USB 2.0 interface  |     | REC: Record indicator  |
|     |                    |     | ALM: Alarm indicator   |
|     |                    |     | ANT: Dialing indicator |
|     |                    |     | GNSS: GPS indicator    |

## Rear Panel

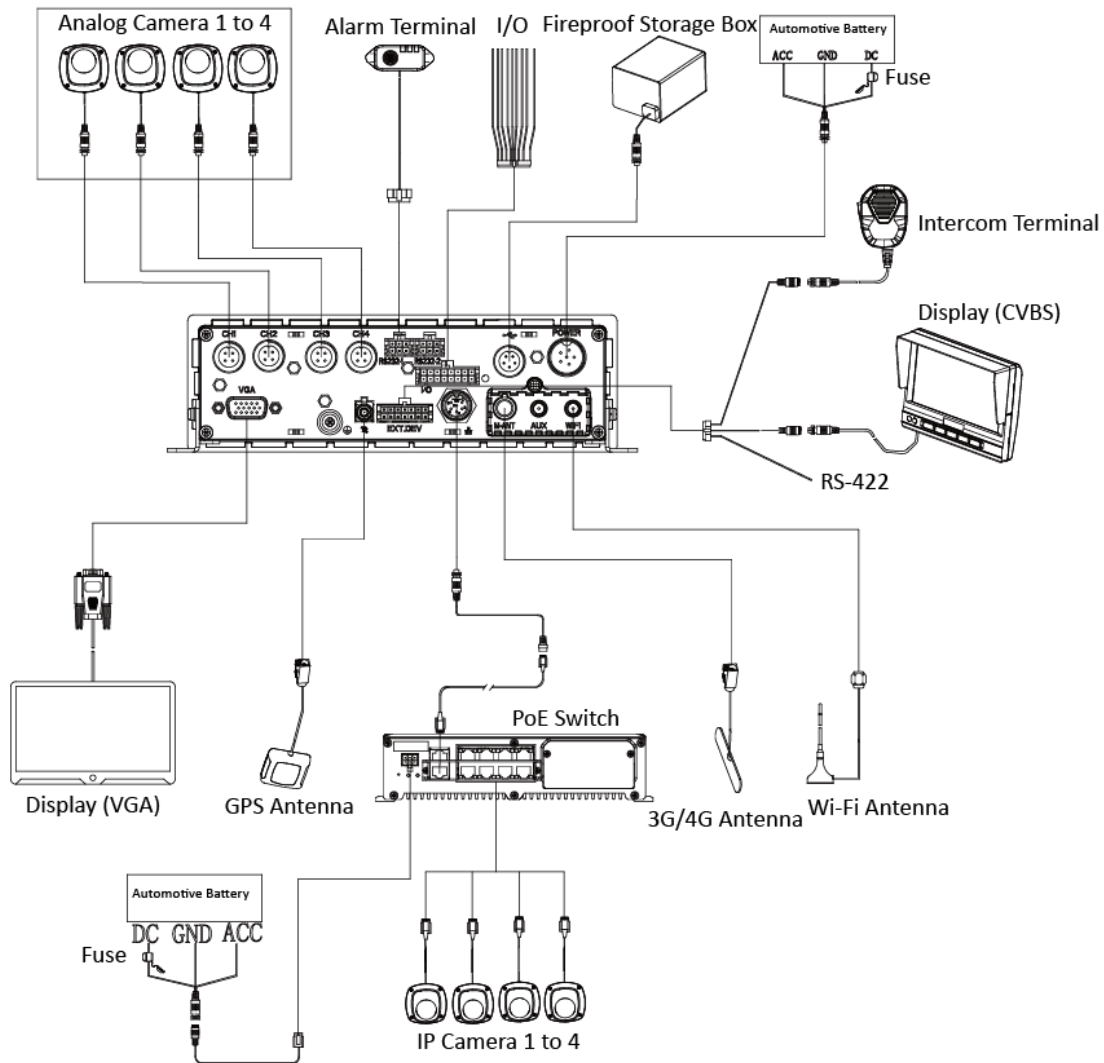


| No. | Name                                | No. | Name   |
|-----|-------------------------------------|-----|--|
| 1   | Analog camera input                 | 7   | GNSS antenna interface   |
| 2   | RS-232 interface                    | 8   | RS-422 communication interface, two-way audio interface, and CVBS video output |
| 3   | Alarm in, alarm out, and sensor-in  | 9   | Network interface  |
| 4   | USB 2.0 of 5-pin aviation connector | 10  | 3G/4G dialing antenna interface  |
| 5   | Power supply                        | 11  | Auxiliary Wi-Fi antenna interface  |
| 6   | VGA video output interface          | 12  | Wi-Fi antenna interface  |

## Packing List

| Description   | Quantity | Picture  | Note                       |
|---|----------|--|----------------------------|
| Fuse  | 2        |     |                            |
| Power cord  | 1        |    |                            |
| Key   | 1        |     |                            |
| Remote control                                      | 1        |     |                            |
| Alarm line  | 1        |    |                            |
| RS-232 line   | 1        |  |                            |
| Switching line of 6-pin connector to RJ45 interface | 1        |  |                            |
| Extension cable                                     | 1        |  |                            |
| Screwdriver   | 1        |   |                            |
| 3G/4G antenna                                       | 1        |  | For GW/GLF model.          |
| Wi-Fi antenna (5.8G)                                | 2        |  | For W158 model.            |
| GPS antenna   | 1        |   | For model with GPS module. |

# Peripheral Connection



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