

DS-MP5604N Series Mobile Video Recorder

HIKVISION®



H.265



G-Sensor



Gyro



Anti-Vibration



Wide Voltage



GPS



Temperature Resistance



PoE



Key Feature

- 4-ch IP cameras connectable via PoE interfaces, and 4-ch IP cameras extendable via PoE switch.
- Up to 4 MP resolution of H.264/H.265 compression for each IP camera.
- Two pluggable 2.5-inch HDDs/SSDs, adopting hard disk vibration damping technology.
- Stores videos that have dropped frame in SD card when HDDs/SSDs are damaged.
- 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.
- 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.
- Software-based firewall supported.
- Connectable to PTZ camera and PTZ control is supported.
- Supports accessing via WEB browser.

Available Model

DS-MP5604N

DS-MP5604N + DS-MP1460/GW (supports 3G dialling)

DS-MP5604N + DS-MP1460/GLF (supports 4G dialling)

DS-MP5604N + DS-MP1460/GW/WI58 (supports 3G dialling and 5.8G Wi-Fi)

DS-MP5604N + DS-MP1460/GLF/WI58 (supports 4G dialling and 5.8G Wi-Fi)

* 3G/4G and Wi-Fi functions are supported only when DS-MP1460 Mobile Wireless Component is equipped with DS-MP5604N.

Packing List

| Description | Quantity | Picture | Note |
|---|----------|---------|--------|
| Fuse | 2 | | 10 A |
| Power cord | 1 | | 300 mm |
| Key | 1 | | |
| Remote control | 1 | | |
| Alarm line | 1 | | 300 mm |
| RS-232 line | 1 | | 300 mm |
| Switching line of 6-pin connector to RJ45 interface | 1 | | 400 mm |
| Extension cable | 1 | | 300 mm |
| Screwdriver | 1 | | |
| GPS antenna | 1 | | 5 m |

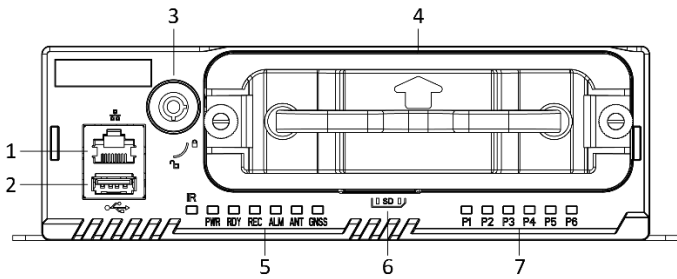
Specification

| | |
|---|---|
| System | |
| Operating System | Embedded Linux |
| Video/Audio Input | |
| IP Camera | 8-ch IP cameras inputs. 4-ch connected via PoE interfaces and 4-ch 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 VGA: 1 |
| Audio Output | 1, integrated in AVOUT of EXT.DEV interface |
| Encoding/Decoding Parameter | |
| Video Compression | H.264/H.265 |
| Encoding Resolution | Main stream: 4 MP/3 MP/1080p/720p/WD1/4CIF Sub-stream: 720P/4CIF/2CIF/CIF |
| Frame Rate | PAL: 1 to 25 fps; NTSC: 1 to 30 fps |
| Audio Compression | G.711/G.722.1 |
| Stream Type | Video, Video & Audio |
| Storage | |
| HDD/SSD | 2 × 2.5 inch HDD/SSD, up to 2 TB for each HDD/SSD A dummy HDD with USB 3.0 interface |
| SD Card | 1 × SD card, up to 256 GB |
| Wireless Network | |
| 3G/4G Dialing | Optional. WCDMA/TDD-LTE/FDD-LTE modules are supported. 1 × 3G/4G card slot, 1 × Rosenberger antenna |
| Wi-Fi | Optional. 802.11B/G/N and 802.11AC are selectable. 1 antenna is needed for 802.11B/G/N module. 2 antennas are needed for 802.11AC module |
| Positioning | |
| GNSS (Global Navigation Satellite System) | GPS (Global Positioning System) & GLONASS (Global Navigation Satellite System), 1 × Rosenberger antenna |
| PoE | |
| PoE Interface | 4 × RJ45 PoE interface |
| Max. Consumption | 45 W |
| External Interface | |
| Network Interface | 1 × 10M/100M RJ45 Ethernet interface 1 × 10M/100M M12 6-pin aviation connector (Non-PoE) |

| | |
|--------------------------------|---|
| Serial Port | 1 × RS-232, 1 × RS-422 (integrated in EXT.DEV interface) |
| USB Interface | Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0 (5-pin aviation connector) |
| Sensor-In | 4 high/low level signal inputs Note: high level (6 to 36 VDC), low level (0 to 4 VDC) |
| Alarm Input | 4 high/low level signal inputs, 1 pulse signal input, 1 BUTTON input Note: high level (6 to 36 VDC), low level (0 to 4 VDC) |
| Alarm Output | 2 relay signal outputs Note: high level (6 to 36 VDC), low level (0 to 5 VDC) |
| G-Sensor | Built-in G-Sensor & Gyro |
| General | |
| Operating Method | Mouse, IR remote control, Web control, and touchscreen |
| Power Supply | 9 to 32 VDC |
| Consumption | Standby: ≤ 0.5 W Full load: ≤ 45 W Note: Without peripheral and storage media ≤ 20 W |
| Working Temperature | 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% |
| Dimension (W × D × H) | 206 × 219 × 60 mm (8.1 × 8.62 × 2.36 inch) |
| Weight (Without Storage Media) | 1.6 kg (3.5 lb) |
| Certification | CE/FCC/Emark/EN50155/CB/EN45545-2/ROHS 2.0/WEEE/REACH/ISO-7637-2/MIL-STD-810G |

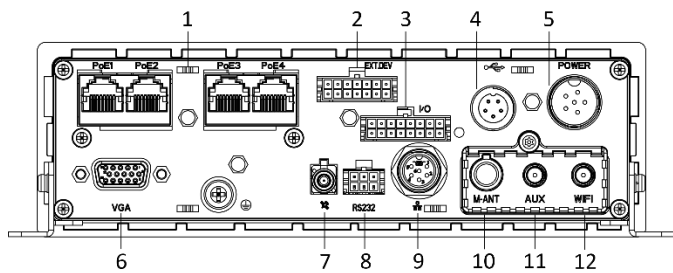
Physical Interface

Front Panel

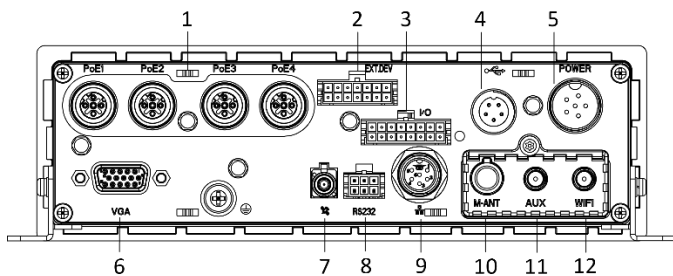


| No. | Name | No. | Name |
|-----|----------------------------------|-----|--|
| 1 | 10M/100M RJ45 Ethernet interface | 5 | PWR: Power indicator RDY: Ready indicator REC: Record indicator ALM: Alarm indicator ANT: Dialing indicator GNSS: Positioning indicator |
| 2 | USB 2.0 interface | 6 | SD card slot |
| 3 | Dummy HDD/SSD lock | 7 | P1 to P4: Video input connector indicator P5: Video input of 6-pin aviation connector indicator P6: Front panel network interface status indicator |
| 4 | Dummy HDD/SSD | | |

Rear Panel (RJ45)



Rear Panel (M12)

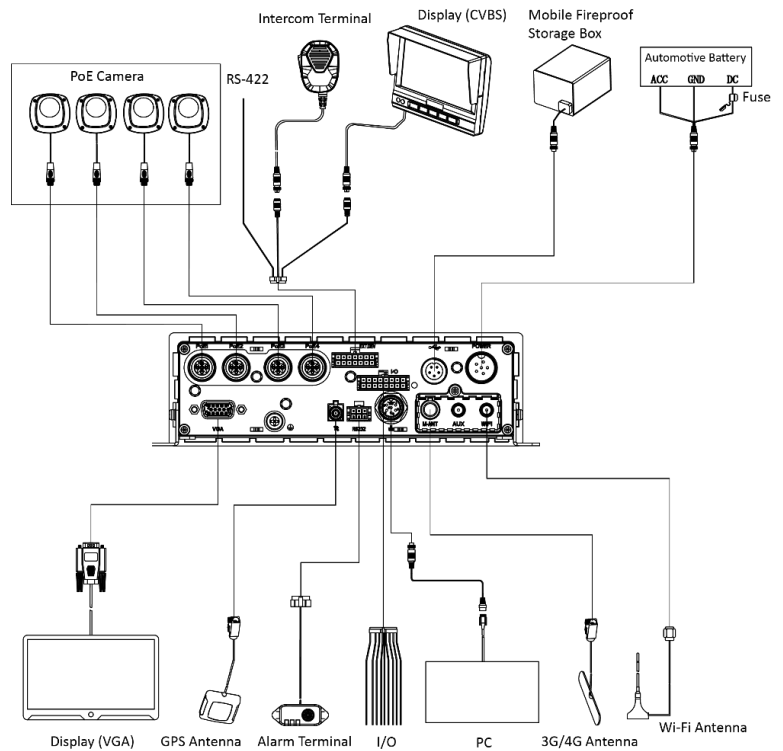


| No. | Name | No. | Name |
|-----|-----------------------|-----|---|
| 1 | Network camera inputs | 7 | Satellite positioning antenna interface |

| | | | |
|---|--|----|---|
| 2 | RS-422 communication interface, two-way audio interface, and CVBS video output | 8 | RS-232 (for debugging) |
| 3 | Alarm in, alarm out, and sensor-in | 9 | 10M/100M M12 6-pin aviation network connector |
| 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 |

Peripheral Connection

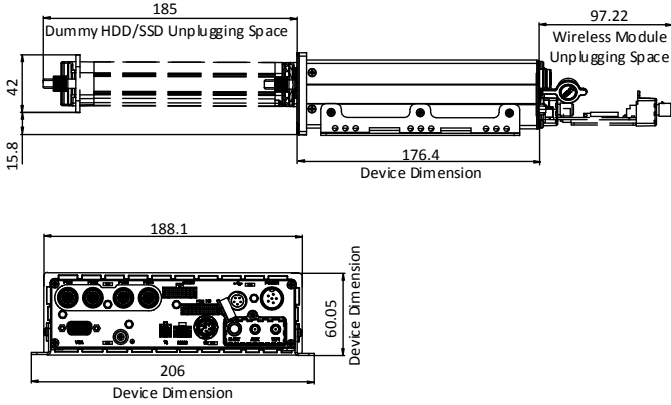
* Here we take example of M12 series.





Dimension

* Here we take example of M12 series.



Unit: mm

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