

# 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

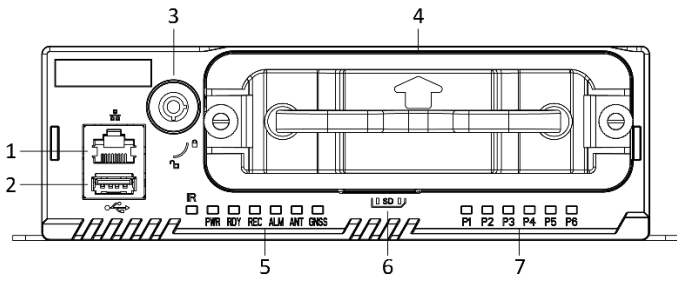
## Specification

<b>System</b>	
Operating System	Embedded Linux
<b>Video/Audio Input</b>	
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
<b>Video/Audio Output</b>	
Video Output	Main output: 1, integrated in EXT.DEV interface VGA: 1
Audio Output	1, integrated in AVOUT of EXT.DEV interface
<b>Encoding/Decoding Parameter</b>	
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
<b>Storage</b>	
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
<b>Wireless Network</b>	
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
<b>Positioning</b>	
GNSS (Global Navigation Satellite System)	GPS (Global Positioning System) & GLONASS (Global Navigation Satellite System), 1 × Rosenberger antenna
<b>PoE</b>	
PoE Interface	4 × RJ45 PoE interface
Max. Consumption	45 W
<b>External Interface</b>	
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
<b>General</b>	
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

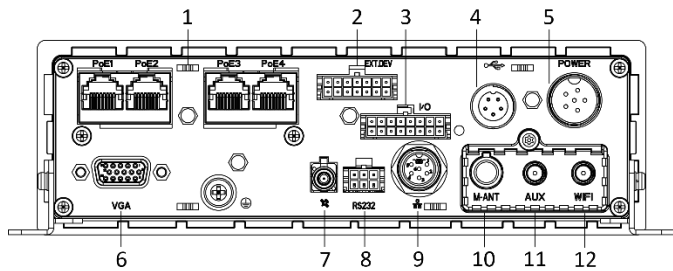
## Physical Interface

### Front Panel

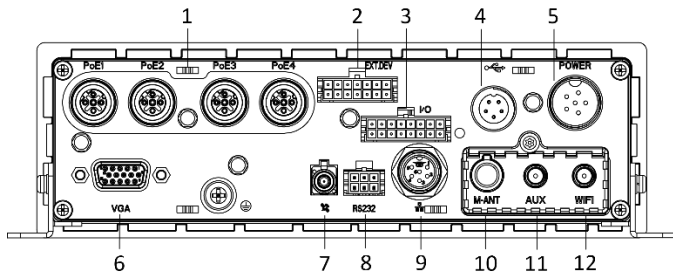


No.	Name	No.	Name
1	10M/100M RJ45 Ethernet interface	5	PWR: Power indicator RDY: Ready indicator REC: Record indicator ALM: Alarm indicator ANT: Dialing indicator GNSS: Positioning indicator
2	USB 2.0 interface	6	SD card slot
3	Dummy HDD/SSD lock	7	P1 to P4: Video input connector indicator P5: Video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

### Rear Panel (RJ45)



### Rear Panel (M12)

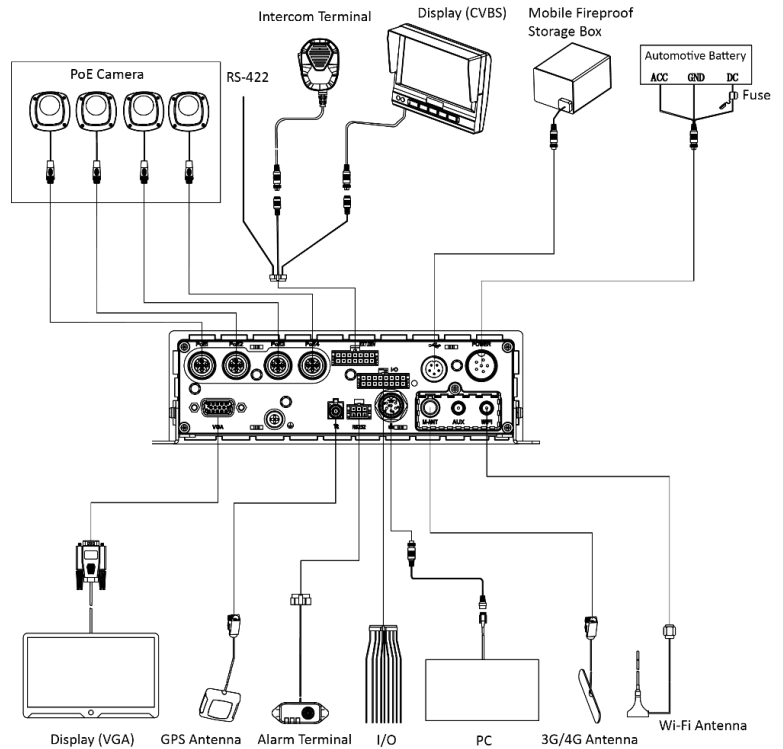


No.	Name	No.	Name
1	Network camera inputs	7	Satellite positioning antenna interface

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

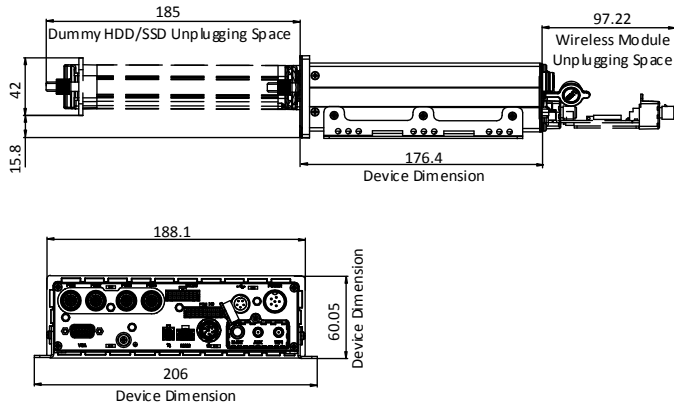
## Peripheral Connection

\* Here we take example of M12 series.



## Dimension

\* Here we take example of M12 series.



Unit: mm

Distributed by



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