

DS-MP5604N(1T)(xxx) Mobile Video Recorder Series



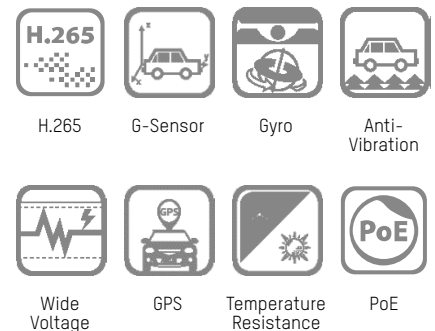
Hikvision's DS-MP5604N(1T)(xxx) Mobile Video Recorder Series supports 4 IP cameras via PoE interfaces plus four IP cameras via a PoE switch. The DS-MP5604N(1T)(xxx) features up to 4 MP resolution, a user-friendly GUI, an optional pluggable Wi-Fi module, and a built-in GPS module.

Available Models

DS-MP5604N(1T): RJ-45 PoE Connectors

DS-MP5604N(1T)(M12): M12 PoE Aviation Connectors

- Supports 4 IP Cameras via PoE Interfaces + 4 IP Cameras via PoE Switch
- Up to 4 MP Resolution w/H.264/H.265
- Supports 2 Pluggable 2.5-inch HDDs/SSDs, with Hard Disk Vibration Damping
- Stores Videos that Have Dropped Frame in SD Card when HDD/SSD Damaged
- User-Friendly GUI
- Pluggable Wi-Fi Module
- Built-in GPS Module
- Pluggable Dummy HDD for HDD w/up to 2 TB Capacity
- Driving Information Collection Interface
- Aviation Connectors Ensure Signal Stability
- Shutdown Delay (0 h to 6 h) and 24-Hour Scheduled Startup/Shutdown
- Vehicle Battery Protection
- Wide-Range Power Input (+9 VDC to +32 VDC)
- Power-Off Protection Prevents Key Data Loss
- Software-Based Firewall
- PTZ Control
- Access via Web Browser

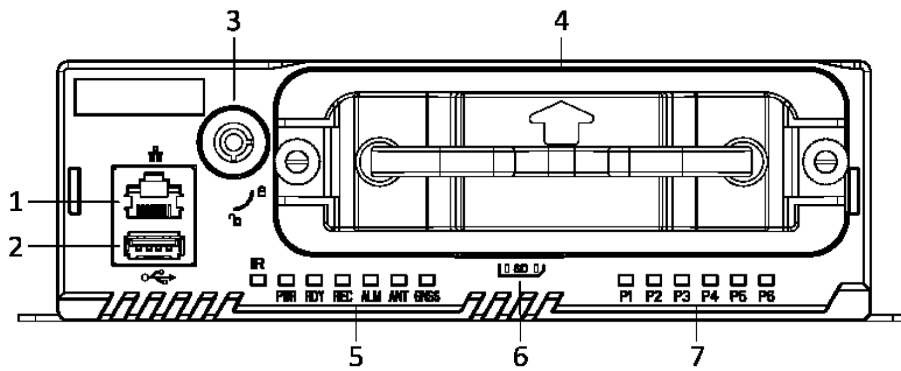


Specifications

DS-MP5604N(1T)		DS-MP5604N(1T)(M12)	
System			
Operating System	Embedded Linux		
Video/Audio Input			
IP Camera	8 IP camera inputs (4-ch connected via PoE interfaces and 4 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	1 × 2.5 inch HDD/SSD slot, up to 2 TB capacity for each HDD/SSD 1 x pre-installed 1 TB HDD 1 x dummy HDD with USB 3.0 interface		
SD Card	1 x SD card slot, up to 256 GB		
Wireless Network			
Wi-Fi	Optional. 802.11B/G/N and 802.11AC are selectable. 1 antenna needed for 802.11B/G/N module. 2 antennas needed for 802.11AC module NOTE: Wi-Fi function supported only when equipped with DS-MP1460/WI58 Mobile Wireless Component		
Positioning			
GNSS (Global Navigation Satellite System)	GPS (Global Positioning System) and GLONASS (Global Navigation Satellite System), 1 x Rosenberger antenna		
PoE			
PoE Interface	4 x RJ-45 PoE interface	4 x M12 PoE interface	
Maximum Consumption	45 W		
External Interface			
Network Interface	1 x 10M/100M RJ-45 Ethernet interface	1 x 10M/100M M12 6-pin aviation connector (non-PoE)	
Serial Port	1 x RS-232, 1 x RS-422 (integrated in EXT.DEV interface)		
USB Interface	Front panel: 1 x USB 2.0 Rear panel: 1 x 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 and 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° to +60° C (-22° to +140° F) Other devices: -10° to +60° C (+14° to +140° F)		
Working Humidity	10% to 95% (non-condensing)		
Dimensions (W × D × H)	206 mm × 219 mm × 60 mm (8.1" × 8.62" × 2.36")		
Weight (w/o 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		

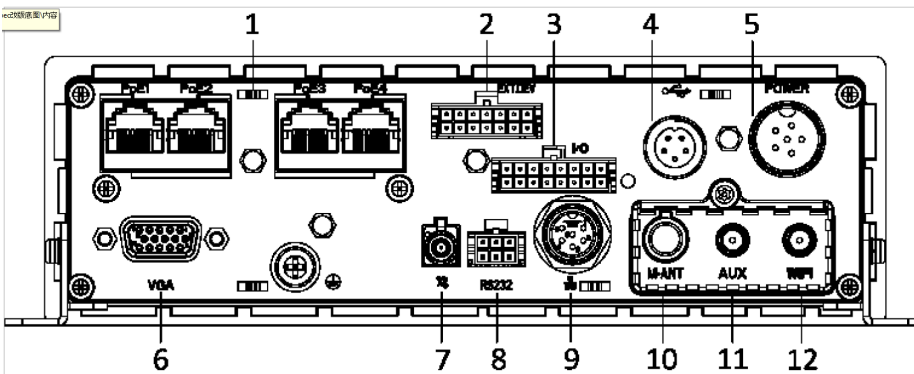
Interface

Front Panel



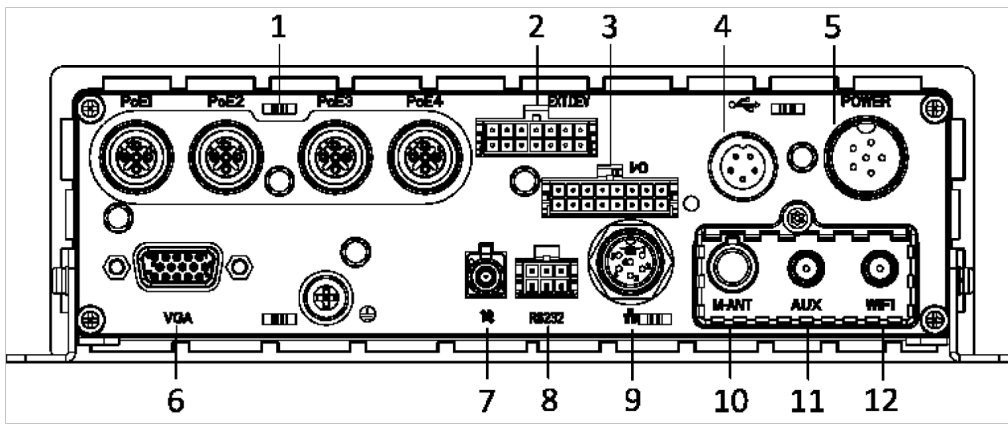
No.	Name	No.	Name
1	10M/100M RJ-45 Ethernet interface	5	PWR: Power indicator RDY: Ready indicator REC: Record indicator ALM: Alarm indicator ANT: Dialing indicator GNSS: Positioning indicator
2	USB 2.0 interface	6	SD card slot
3	Dummy HDD/SSD lock	7	P1 to P4: Video input connector indicator P5: Video input of 6-pin aviation connector indicator P6: Front panel network interface status indicator
4	Dummy HDD/SSD		

Rear Panel DS-MP5604N(1T)



Qty		Qty	
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 or 5-pin aviation connector	10	Reserved
5	Power supply	11	Auxiliary Wi-Fi antenna interface
6	VGA video output interface	12	Wi-Fi antenna interface

Rear Panel DS-5604N(1T)(M12)

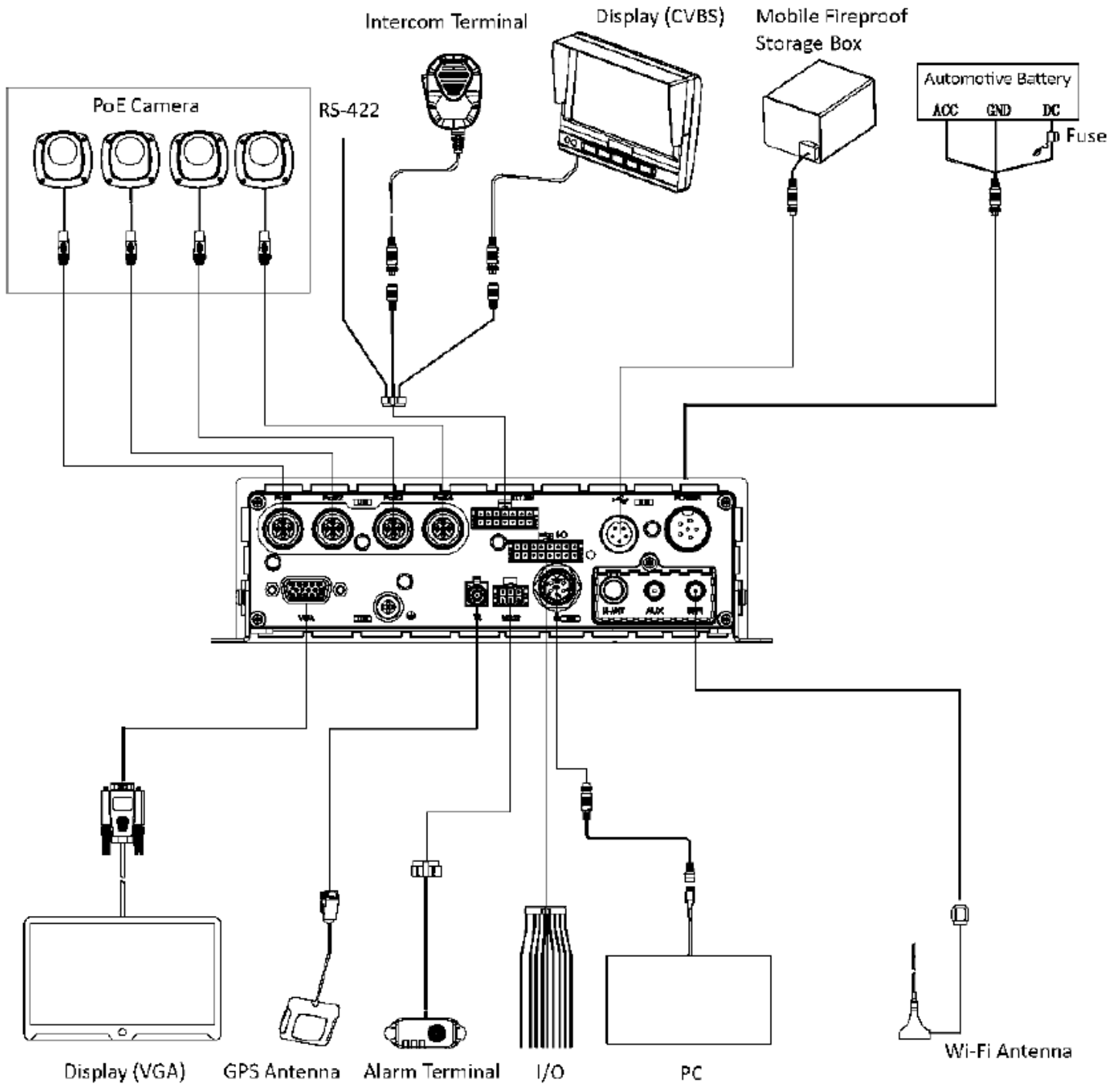


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4	USB 2.0 of 5-pin aviation connector	10	Reserved
5	Power supply	11	Auxiliary Wi-Fi antenna interface
6	VGA video output interface	12	Wi-Fi antenna interface

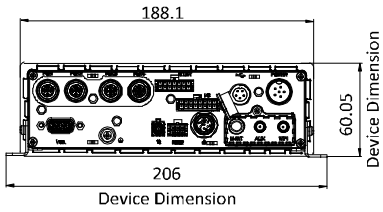
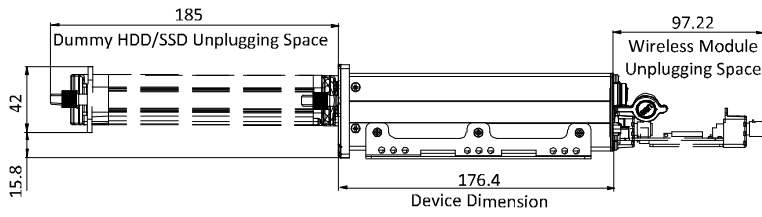
Contents

Description	Qty	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 RJ-45 interface	1		400 mm
Extension Cable	1		300 mm
Screwdriver	1		
GPS Antenna	1		5 m

Peripheral Connections (DS-MP5604N(1T))(M12) Shown as Example)



Dimensions



Unit: mm