

## DS-M5504HNI Series Mobile NVR



### Features and Functions

- User-friendly GUI providing easy and flexible operations;
- Pluggable 4G (FDD-LTE), 3G (WCDMA) and Wi-Fi 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;
- 4 independent network interfaces connectable to 4 IP cameras; each channel supports up to 1080P resolution with H.264 encoding technology;
- Two 2.5-inch HDDs/SSDs and one SD card pluggable, adopting hard disk vibration damping technology;
- Backup recording on SD card when the HDDs/SSDs are broken;
- Information collection interfaces collect driving information such as left/right turn, braking, rolling back, etc.;
- Left/right mirror type of the image configurable;
- Software-based firewall supported;
- Support accessing via WEB browser;
- Wide-range power input (9 to 32 VDC);
- Ignition startup and delay (0 h to 6 h) shutdown;
- Power-off protection prevents key data from loss;
- Standard 1DIN dimensions;
- Aluminum die-cast chassis of good heat dissipation performance with no fan design which well adapts to working environment;
- Hard disk box with USB interface supports intelligent temperature control and data export;
- Specialized aviation plugs ensure signal stability.

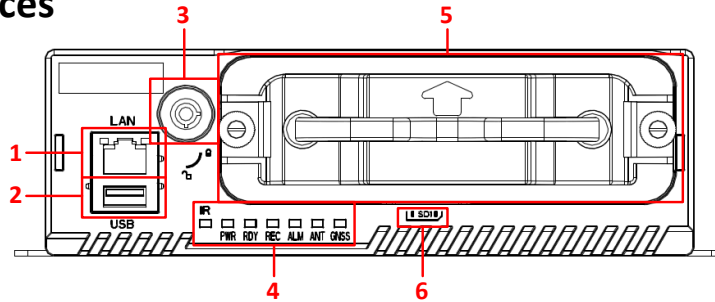


## Specifications

Model		DS-M5504HNI Series
Video/Audio input	IP video input	4-ch
	Audio input	4-ch
Video/Audio output	VGA output	1-ch. Resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	CVBS output	2-ch. Resolution: PAL: 704 × 576, NTSC: 704 × 480
	Audio output	2-ch
Decoding parameters	Video compression	H.264
	Frame rate	25 fps (PAL)/30 (NTSC)
	Audio compression	G.711
	Playback	Local playback: single channel playback; 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	3-generation hard disk box
	Backup	USB interfaces on hard disk box and device front panel supporting data backup
Wireless Network	4G	FDD-LTE (for DS-M5504HNI/GLF/WI)
	3G	WCDMA (for DS-M5504HNI/GW and DS-M5504HNI/GW/WI)
	Wi-Fi	802.11 b/g/n supported, 2.4GHz (for DS-M5504HNI/GW/WI and DS-M5504HNI/GLF/WI)
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. 1 RS-422 interface, including reserved auto announcer interface.
	USB interface	1 USB2.0 interface on the front panel; 1 USB 5-pin aviation plug on the rear panel.
	PoE interface	4 RJ45 10M/100M self-adaptive PoE interfaces.
	SIM card	1, standard SIM card slot
	SD card	1, standard SD 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)
	Working humidity	10% to 90%
	Dimensions (W×D×H)	178 mm × 170 mm × 50 mm (7.0" × 6.7" × 2.0")
	Weight	≤ 1.6 kg (3.53 lb) (without hard disk or SD card)

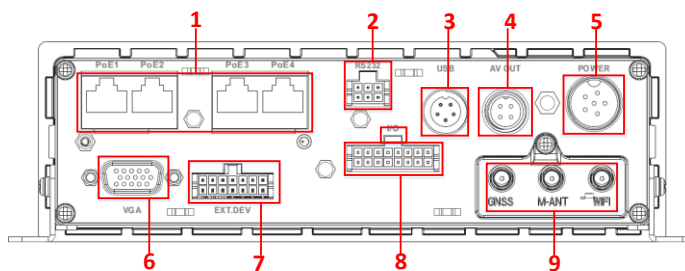
## Physical Interfaces

### Front Panel



Index	Description	Index	Description
1	LAN Network Interface	4	Indicators
2	USB Interface	5	Hard Disk Box
3	Hard Disk Lock	6	SD Card Slot

### Rear Panel



Index	Description	Index	Description
1	PoE1 to PoE4 Interfaces	6	VGA Interface
2	RS-232 Interface	7	EXT. DEV (including audio output, two-way audio and RS-422)
3	USB Interface	8	I/O (including alarm in, alarm out and sensor in)
4	AV OUT	9	Pluggable Module (including 3G/4G, Wi-Fi and GPS)
5	Power Supply		

Distributed by

## Available Models

DS-M5504HNI,  
DS-M5504HNI/GW,  
DS-M5504HNI/GW/WI,  
DS-M5504HNI/GLF/WI

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