DS-M5504HNI/GW/WI (M12) Series Mobile NVR

Features and Functions

- User-friendly GUI providing easy and flexible operations;
- 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 M12 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;
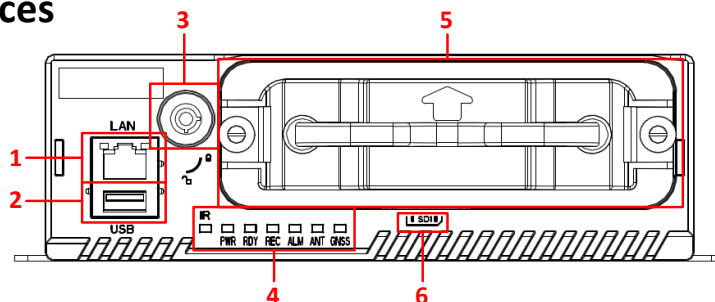- Special designed for train;
- EN50155 certification

Specifications

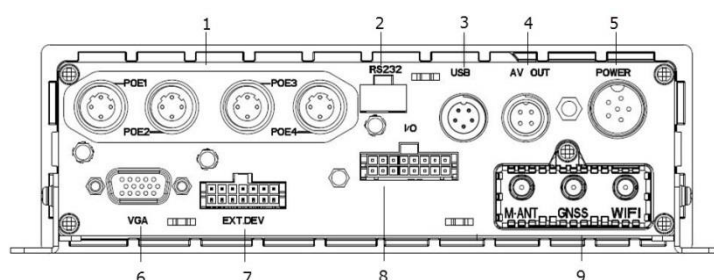| Model		DS-M5504HNI/GW/WI (M12)
Video/Audio input	IP video input	4-ch
	Audio input	4-ch
Video/Audio output	VGA output	1-ch. Resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	CVBS output	2-ch. Resolution: PAL: 704 × 576, NTSC: 704 × 480
	Audio output	2-ch
Decoding parameters	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.
Storage	Type	Two 2.5-inch SATA HDDs/SSDs; one SD card
	Capacity	Up to 1TB capacity for each disk supported, 128G for SD card
	HDD Installation	Pluggable
	HDD Protection	Patented 3-generation hard disk box
	HDD Backup	USB interfaces on hard disk box and device front panel supporting data backup
Wireless Network	3G	WCDMA
	Wi-Fi	802.11 b/g/n supported, 2.4GHz
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 M12 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 M12 10M/100M self-adaptive PoE interfaces. 802.3af, Total consumption: 40W
	SIM card	1, standard SIM 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 ºC to +55 ºC (+14 ºF to +131 ºF)
	Working humidity	10% to 90%
	Dimensions (W×D×H)	178 mm × 170 mm × 50 mm (7.0" × 6.7" × 2.0")
	Weight	≤ 1.5 kg (3.31 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 (M12 Connector)	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 Wi-Fi and GPS)
5	Power Supply		

Distributed by

Available Models

DS-M5504HNI/GW/WI (M12)