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DP-M2508HNI Series Mobile NVR

Introduction:

Adopting embedded Linux operating system, Dunlop DP-M2508HNI series dedicated Mobile NVR (Digital Video Recorder) provides powerful monitoring functionalities, including audio and video encoding & decoding, 3G & Wi-Fi (optional) wireless network transmission, satellite positioning service, secure data storage, hard disk vibration damping. It can both work alone as a recorder and cooperate with other devices to build a comprehensive surveillance system.

Thanks to the features of high stability, easy-to-carry and low power consumption, the DP-M2508HNI series Mobile NVR is widely applied to the surveillance projects of public transportations, school buses, etc.

Available Models:

DP-M2508HNI series



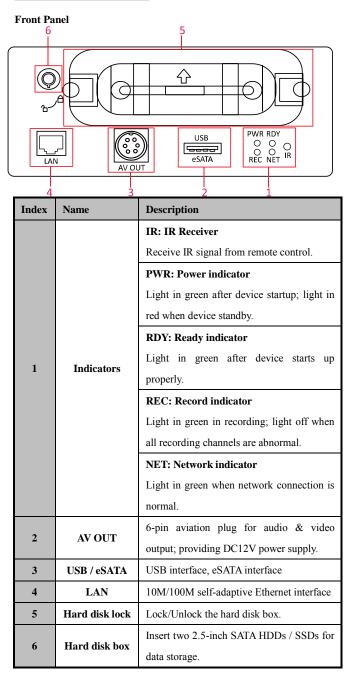
The 3G dialing function is only supported by the "/GW" devices.

Main Features:

- User-friendly GUI providing easy and flexible operations
- Pluggable 3G (WCDMA) 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
- Hikvision private protocol (4000 protocol) and ONVIF supported
- CE, EN-50155, E-Mark
- 8 independent network interfaces connectable to 8 IP cameras; each channel supporting up to 1080P resolution with H.264 encoding technology
- 3-ch CVBS video outputs and 3-ch audio outputs
- 1-ch VGA video output at up to 1920×1080 resolution
- Two pluggable 2.5-inch HDDs / SSDs, adopting hard disk vibration damping technology
- Information collection interfaces collecting driving information such as left/right turn, braking, backing up, etc.
- Hard disk box with USB interface supporting intelligent temperature control and data export
- Specialized aviation connectors ensuring signal stability
- Built-in G-sensor detecting and recording acceleration speed information in 3-axial (X, Y, Z) directions
- Delay (0~6h) shutdown and 24-hour scheduled startup/shutdown
- Wide-range power input (+8VDC ~+36 VDC)
- Power-off protection avoiding key data from loss
- Aluminum die-cast chassis with no fan design well adaptable to working environment

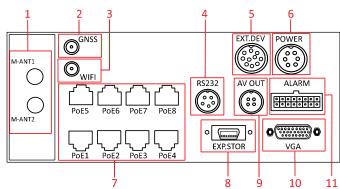


Physical Interfaces:



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Rear Panel



Index	Name	Description
1	M-ANT1;	3G antenna interfaces
	M-ANT2	(M-ANT2, reserved)
2	GNSS	GNSS antenna interface
3	Wi-Fi	Wi-Fi antenna interface
	(optional)	
4	RS232	RS-232 interface, 5-pin aviation plug
5		RS-422 communication interface, 10-pin
	EXT.DEV	aviation plug, two-way audio, video output
		signal, RS-485 and power supply
6	POWER	6-pin aviation plug for power supply and
		start control
7	PoE1~POE8	PoE interfaces connectable to IP cameras,
		providing the power supply
8	EXP.STOR	Connectable to external storage device
	(reserved)	
9	AV OUT	4-pin aviation plug for audio & video
		output; providing DC12V power supply.
10	VGA	VGA interface
11	ALARM	Alarm input / output interfaces

NOTE

- Part function is optional. For details, see the actual device model.
- Pin definition of aviation plugs is for reference only. For details, see the tag on the corresponding component.

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Specifications

Model		DP-M2508HNI series
	Analog video input	None
	IP video input	8-ch
Video/Audio input		8 PoE supported
	Two-way audio	1-ch, G.722
	Incoming bandwidth	160Mbps
Video/Audio	Recording resolution	1080p/720p/4CIF/2CIF/CIF
	VGA output	1-ch
		Resolution: 1920×1080 / 60Hz, 1280×1024 / 60Hz, 1280×720 / 60Hz, 1024×768 / 60Hz
	CVBS output	3-ch
output		Aviation plug (1.0 Vp-p, 75 Ω); resolution: PAL: 704 × 576, NTSC: 704 × 480
	Audio output	3-ch
		Aviation plug (linear level,600 Ω)
	Live view	8-ch
Decoding	Synchronous playback	1-ch
	Туре	Two 2.5-inch SATA HDDs / SSDs, external storage expansion supported (reserved)
	Capacity	Up to 2*1TB capacity supported
Hard disk	Installation	Pluggable
	Protection	3-generation hard disk box
	Backup	Hard disk box, USB interface and eSATA interface supporting data backup
	Dialing	3G (WCDMA), dual SIM card mode reserved
Wireless Network	Wi-Fi (optional)	802.11 b/g/n supported, 2.4GHz
Positioning	GNSS	GPS
	Alarm in	7-ch high/low level signal input; 1-ch pulse signal input; 3mm connector
	Alarm out	2-ch; 3mm connector
	Network interface	1; RJ45; 10M/100M self-adaptive Ethernet interface
	РоЕ	8; RJ45
External interface	Antenna interface	SMA interfaces: two for 3G (one for reserved), one for Wi-Fi (optional) and one for GPS
External Interface	Serial interface	RS-232, RS-485, 3mm connector
	eSATA interface	1
	USB interface	1 × USB2.0
	EXP.STOR	Connectable to external HDD for storage expansion (reserved)
	SIM card	2, standard SIM card slots (one for reserved)
	Operating system	Linux
	Operating method	IR remote control
	Power supply	Input: +8~ +36VDC; Output: 12VDC/2A, 5VDC/1A
General	Consumption	Standby: Max. 0.5W; Full load: Max.20W (without IP camera or hard disk)
	Working temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)
	Working humidity	10%~95%
	Dimensions (W×D×H)	245.8mm×202mm×86.87mm Aprox.3.3kg (without hard disk)
	Warranty	3 Years