

NR51P24-32

Embedded Plug&Play NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

- Up to 32-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 12MP resolution

HD Video Output

- HDMI Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 4 SATA interfaces connectable for HDD connection
- Smart search for efficient playback
- 16-ch synchronous playback at up to 1080p resolution
- Files management
- HDD health monitoring

Smart &POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

- Guarding Vision for easy network management
- Gigabit Ethernet network interface
- 24 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE

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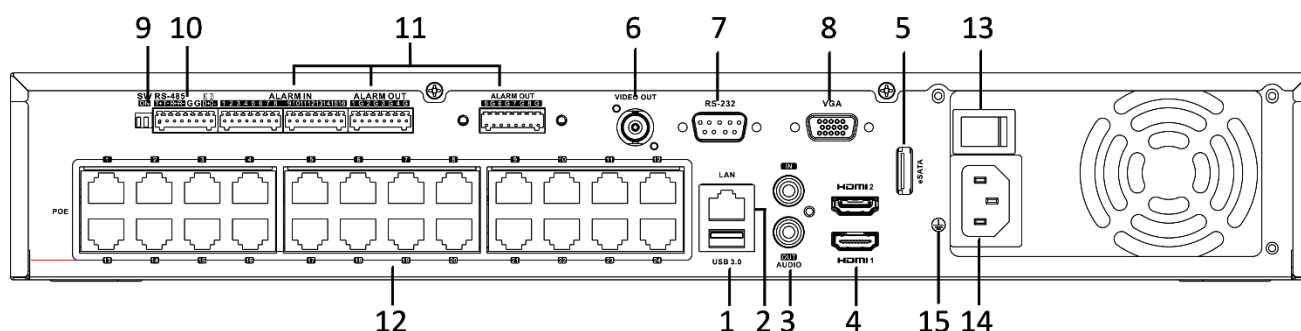
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Model		NR51P24-32
Video/Audio input	IP video input	32-ch Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network	Incoming bandwidth	320Mbps
	Outgoing bandwidth	256 Mbps
	Remote connection	128
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 \times 576, NTSC: 704 \times 480
	HDMI1/VGA1 output resolution	HDMI1: 4K (3840 \times 2160)/60Hz, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080p/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz VGA1: 2K (2560 \times 1440)/60Hz, 1920 \times 1080p/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz
	HDMI2 output resolution	1920 \times 1080p/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz
	Audio output	1-ch, RCA (Linear, 1 K Ω)
Decoding	Decoding format	H.265+/H.265/H.264+/H.264/MPEG4
	Live view/ Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF/QCIF
	Synchronous playback	16-ch
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (30fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
Network management	Network protocols	TCP/IP, DHCP, Guarding Vision, DNS, DDNS, NTP, SADP, SNMP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	4 SATA interfaces for 4HDDs
	Capacity	Up to 8TB capacity for each HDD
	eSATA	1 eSATA interface
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	Serial interface	1 RS-485 (half-duplex), 1 RS-232
	USB interface	Front panel: 2 \times USB 2.0; Rear panel: 1 \times USB 3.0
	Alarm in/out	16/8
POE Interface	Interface	24 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	Power	\leq 210W
	Supported standard	IEEE 802.3 af/at
General	Power supply	100 to 240 VAC
	Power	\leq 300 W
	Consumption (without hard disk and PoE)	\leq 20 W
	Working temperature	-10 to +55 $^{\circ}$ C (+14 to +131 $^{\circ}$ F)
	Working humidity	10 to 90 %
	Chassis	19-inch rack-mounted 1.5U chassis
	Dimensions (W \times D \times H)	445 \times 400 \times 71 mm (17.5" \times 15.7" \times 2.8")
	Weight (without hard disk)	\leq 5 kg (11 lb)

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Physical Interfaces



Index	Description	Index	Description
1	USB 3.0 Interface	9	SW Terminal Switch
2	LAN Interfaces	10	RS-485, Keyboard Controller
3	Audio In/Audio Out	11	Alarm In/Alarm Out
4	HDMI1 and HDMI2 Interfaces	12	Network Interfaces with PoE function
5	eSATA Interface (Optional)	13	Power Switch
6	CVBS Video Output	14	100 to 240 VAC Power Supply
7	RS-232 Serial Interface	15	GND
8	VGA Output		