DS-7P00NI-E4 SERIES NVR

Features and Functions

Video Input and Transmission

- Up to 32-ch ONVIF conformant IP cameras input (max. incoming bandwidth: 160 Mbps)
- Live view of the connected camera at up to 6 MP resolution

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 6 MP resolution

Video Output

- HDMI output and VGA output at up to 1920×1080p resolution

Storage and Playback

- Four SATA interfaces (up to 6TB of capacity per HDD)
- Up to 16-ch synchronous playback at 4CIF resolution
- Smart search for efficient playback
- USB 3.0 provides high-speed file transfer and backup

Smart Function

- Supports multiple VCA(Video Content Analytics) events for IP cameras
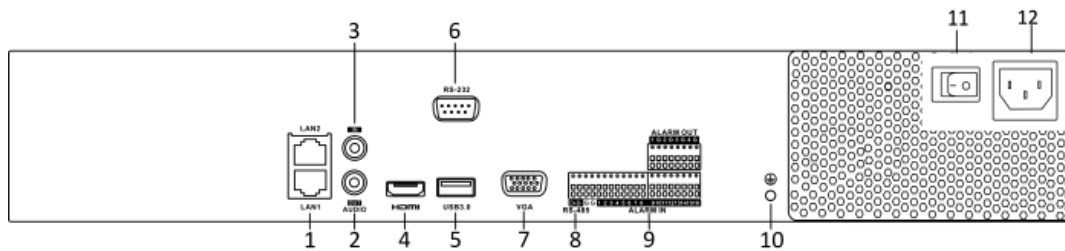
Network & Ethernet Access

- Hik-Connect for easy network management
- 2 Gigabit Ethernet network interfaces

Specifications

Model		DS-7P08NI-E4	DS-7P16NI-E4	DS-7P32NI-E4
Video/Audio input	IP video input	8-ch	16-ch	32-ch
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)		
Network	Incoming bandwidth	80 Mbps	160 Mbps	160 Mbps
	Outgoing bandwidth	80 Mbps		
	Remote connection	32	128	
Video/Audio output	Recording resolution	6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
	Frame rate	Main stream: 50 fps (P)/60 fps (N)		
		Sub-stream: 50 fps (P)/60 fps (N)		
	HDMI/VGA output	1-ch, resolution: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Audio output	1-ch, RCA (Linear, 1kΩ)		
Decoding	Live view/Playback resolution	6MP/5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
	Capability	8-ch@720p, 5-ch@1080p	16-ch@4CIF, 12-ch@720p, 6-ch@1080p	
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	4 SATA interfaces for 2 HDDs + 1 DVD-R/W (default), or 4 HDDs		
	eSATA (Optional)	1 eSATA interface		
	Capacity	Up to 6TB capacity for each HDD		
External interface	Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces		
	Serial interface	RS-232 and RS-485		
	USB interface	2 × USB 2.0 and 1 × USB 3.0		
	Alarm in/out	16/4 (optionally can be expanded to 16/8)		
General	Power supply	100 to 240 VAC		
	Consumption (without hard disk or DVD-R/W)	≤ 20 W	≤ 20 W	≤ 20 W
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)		
	Working humidity	10 % to 90 %		
	Chassis	19-inch rack-mounted 1.5U chassis		
	Dimensions (W × D × H)	445 × 400 × 71 mm (17.5" × 15.7" × 2.8")		
	Weight (without hard disk or DVD-R/W)	≤ 4 kg (8.82 lb)		

Physical Interfaces

Index	Description	Index	Description
1	LAN1 and LAN2 Network Interfaces	**7**	VGA Interface
2	AUDIO OUT	**8**	RS-485 Serial Interface
3	AUDIO IN	**9**	ALARM IN and ALARM OUT
4	HDMI Interface	**10**	GND
5	USB 3.0 Interface	**11**	100 to 240VAC Power Input
6	RS-232 Serial Interface	**12**	Power Switch

Available Models

DS-7P08NI-E4, DS-7P16NI-E4 and DS-7P32NI-E4

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