

DS-7R04NI-E1/4P and DS-7R00NI-E2/8P (16P) SERIES POE NVR



Features and Functions

Video Input and Transmission

- Up to 4/8/16/32-ch ONVIF conformant IP cameras input
- Live view of the connected camera at up to 6MP 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 6MP resolution

Video Output

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

Storage and Playback

- Up to two SATA interfaces (up to 4TB 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
- Gigabit Ethernet network interface
- 4/8/16 independent PoE network interfaces provided





Specifications

Model		DS-7R04NI-E1/4P	DS-7R08NI-E2/8P			
Video/Audio	IP video input	4-ch	8-ch			
input	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)				
Network	Incoming bandwidth	40 Mbps	80 Mbps			
	Outgoing bandwidth	80 Mbps				
	Remote connection	32				
	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)				
Video/Audio		Sub-stream: 50 fps (P)/60 fps (N)				
output	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				
Decouning	Capability	4-ch@1080p	8-ch@720p, 5-ch@1080p			
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS				
Hard disk	SATA	1 SATA interface for 1 HDD	2 SATA interfaces for 2 HDDs			
	Capacity	Up to 4TB for each disk				
	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface				
External	USB interface	1 × USB 2.0 and 1 × USB 3.0				
interface	Alarm in/out (Optional)	4/1				
	Interface	4 independent 100 Mbps PoE network interfaces	8 independent 100 Mbps PoE network interfaces			
PoE	Max. Power	50 W	120 W			
	Supported standard	AF and AT				
	Power supply	48 VDC	100 to 240 VAC			
General	Consumption (without hard disk and PoE)	≤ 10 W				
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)				
	Working humidity	10 % to 90 %				
	Chassis	Standalone 1U chassis 385 mm chassis				
	Dimensions (W × D × H)	315 × 240 × 48 mm (12.4" × 9.4" × 1.9") 385 × 315× 52 mm (15.2" × 12.4" × 2.0")				
	Weight (without hard disk)	≤ 1 kg (2.2 lb)				



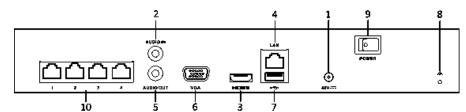
Specifications

Model		DS-7R16NI-E2/8P	DS-7R32NI-E2/8P	DS-7R16NI-E2/16P	DS-7R32NI-E2/16P			
Video/Audio	IP video input	16-ch	32-ch	16-ch	32-ch			
input	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)						
Network	Incoming bandwidth	160 Mbps						
	Outgoing bandwidth	80 Mbps						
	Remote connection	128						
	Recording resolution	6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF						
Video/Audio output	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)						
Live view/Playback Decoding resolution		6MP/5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF						
	Capability	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	2 SATA interfaces for 2 HDDs						
	Capacity	Up to 4TB for each disk						
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface						
	USB interface	1 × USB 2.0 and 1 × USB 3.0						
	Alarm in/out (Optional)	4/1						
	Interface	8 independent 100 Mbps PoE network interfaces		16 independent 100 Mbps PoE network interfaces				
PoE	Max. Power	120 W		200 W				
	Supported standard	AF and AT						
General	Power supply	100 to 240 VAC						
	Consumption (without hard disk and PoE)	≤ 10 W		≤ 15 W				
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)						
	Working humidity	10 % to 90 %						
	Chassis	385 mm chassis						
	Dimensions (W × D × H)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")						
	Weight (without hard disk)	≤ 1 kg (2.2 lb)						

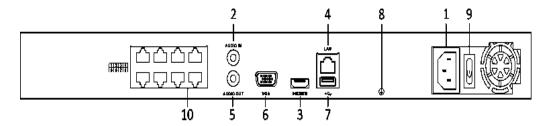


Physical Interfaces

DS-7R00NI-E1/4P



DS-7R00NI-E2/8P





The rear panel of DS-7R16NI-E2/16P and DS-7R32NI-E2/16P provides 16 independent 100 Mbps PoE network interfaces.

Index	Description	Index	Description
1	Power Supply	5	VGA Interface
2	Audio In	6	USB Interface
3	HDMI Interface	8	Ground
4	LAN Network Interface	9	Power Switch
Dist 5 buted by	Audio Out	10	Network Interfaces with PoE Function

Available Models

DS-7R04NI-E1/4P;

DS-7R08NI-E2/8P, DS-7R16NI-E2/8P, DS-7R32NI-E2/8P;

DS-7R16NI-E2/16P, DS-7R32NI-E2/16P.

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