DS-7604NI-E1/4P and DS-7600NI-E2/8P (16P) series NVR

Introduction:

DS-7600NI-E1/4P and DS-7600NI-E2/8P (16P) series NVR (Network Video Recorder) is a new generation recorder developed by Hikvision independently. Combined with multiple advanced technologies, such as audio and video decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other device to form a comprehensive surveillance system.

The DS-7600NI-E1/4P and DS-7600NI-E2/8P (16P) series NVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.

Available Models:

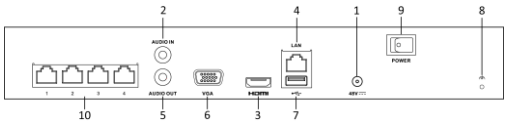
DS-7604NI-E1/4P;
DS-7608NI-E2/8P, DS-7616NI-E2/8P, DS-7632NI-E2/8P;
DS-7616NI-E2/16P, DS-7632NI-E2/16P.

Main Features:

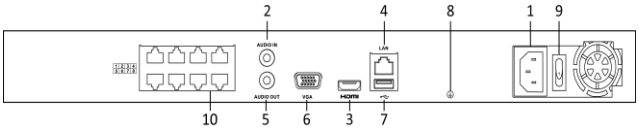
- Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- 4/8/16/32 network cameras can be connected for different models.
- Support live view, storage, and playback of the connected camera with up to the resolution of 6 megapixels.
- Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution.
- New GUI and support starting record with one key.
- Multiple recording types: manual, continuous, alarm, motion, motion | alarm, motion & alarm.
- Realize instant playback for assigned channel during multi-channel display mode.
- Customization of tags, searching, and playing back by tags.
- Playback by sub-periods.
- Locking and unlocking record files.
- Support HDD quota mode; different capacity can be assigned to different channel.
- Up to 2 SATA hard disks can be connected with up to 4TB capacity for each.
- 1 self-adaptive 10M/100M/1000M network interface is provided.
- Up to 4/8/16 independent PoE network interfaces for different models.
- Support Hikvision DDNS (Dynamic Domain Name System).
- Support network detection, including network delay, packet loss, etc.
- Support enabling H.264+ to ensure high video quality with lowered bitrate.



Physical Interfaces:



DS-7600NI-E1/4P

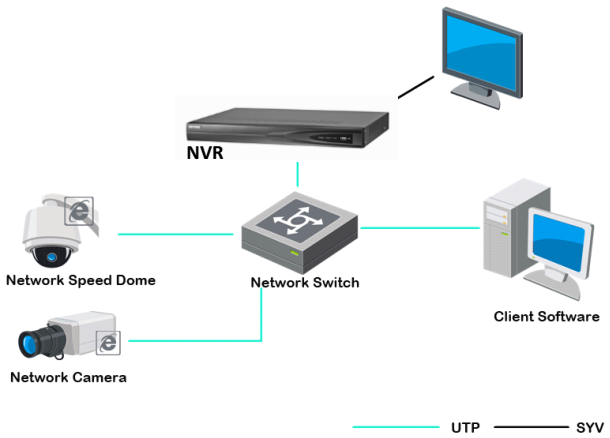


DS-7600NI-E2/8P

NOTE The rear panel of DS-7616NI-E2/16P and DS-7632NI-E2/16P provides 16 independent 100 Mbps PoE network interfaces.

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

Typical Connections:



Specifications:

Model		DS-7604NI-E1/4P	DS-7608NI-E2/8P
Video/Audio input	IP video input	4-ch	8-ch
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)	
Network	Incoming bandwidth	40Mbps	80Mbps
	Outgoing bandwidth	80Mbps	
	Remote connection	32	128
Video/Audio output	Recording resolution	6MP/5MP/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	4-ch@1080P	8-ch@720P, 6-ch@1080P
Hard disk	SATA	1 SATA interface for 1 HDD	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	
PoE	Interface	4 independent 100 Mbps PoE network interfaces	8 independent 100 Mbps PoE network interfaces
	Max. Power	50W	120W
	Supported standard	AF and AT	
General	Power supply	48V DC	100~240V AC
	Consumption (without hard disk and PoE)	≤10W	
	Working temperature	-10 ℃ ~ +55 ℃ (+14 ℉~ + 131 ℉)	
	Working humidity	10 % ~ 90 %	
	Chassis	1U chassis	19-inch rack-mounted 1U chassis
	Dimensions (W × D × H)	315 × 230 × 45mm (12.4" × 9.1" × 1.8")	445 × 290 × 45mm (17.5" × 11.4" × 1.8")
	Weight (without hard disk)	≤ 1 kg (2.2 lb)	

Model		DS-7616NI-E2/8P	DS-7632NI-E2/8P	DS-7616NI-E2/16P	DS-7632NI-E2/16P
Video/Audio input	IP video input	16-ch	32-ch	16-ch	32-ch
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)			
Network	Incoming bandwidth	160Mbps			
	Outgoing bandwidth	80Mbps			
	Remote connection	128			
Video/Audio output	Recording resolution	6MP/5MP/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	16-ch@4CIF, 12-ch@720P, 6-ch@1080P			
Hard disk	SATA	2 SATA interfaces for 2 HDDs			
	Capacity	Up to 6TB 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			
PoE	Interface	8 independent 100 Mbps PoE network interfaces		16 independent 100 Mbps PoE network interfaces	
	Max. Power	120W		200W	
	Supported standard	AF and AT			
General	Power supply	100~240V AC			
	Consumption (without hard disk and PoE)	≤10W		≤15W	
	Working temperature	-10 ℃ ~ +55 ℃ (+14 ℉~ + 131 ℉)			
	Working humidity	10 % ~ 90 %			
	Chassis	380 chassis			
	Dimensions (W × D × H)	380 × 290 × 48mm (15.0" × 11.4" × 1.9")			
	Weight (without hard disk)	≤ 1 kg (2.2 lb)			