

## DS-7604NI-E1/4P and DS-7608NI-E2/8P (16P)

### Introduction

DS-7600NI-E1/4P and DS-7600NI-E2/8P (16P) series NVR (Network Video Recorder) is a new generation recorder independently developed by Hikvision. It combines multiple advanced technologies such as audio and video decoding, embedded system, storage, network, and intelligence. It can work both as a stand-alone recorder and as an integrated component that cooperates with other devices to form a comprehensive surveillance system.

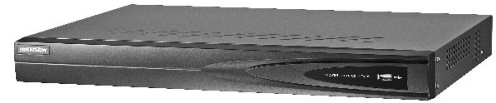
The DS-7600NI-E1/4P and DS-7600NI-E2/8P (16P) series NVRs are widely used in the areas of finance, public security, military, communication, transportation, education, etc.

### Available Models

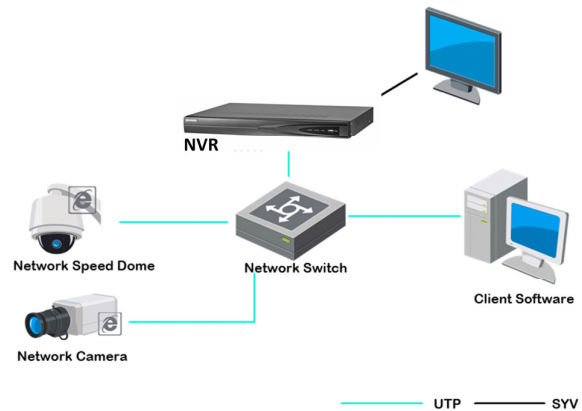
DS-7604NI-E1/4P  
DS-7608NI-E2/8P, DS-7616NI-E2/8P, DS-7632NI-E2/8P  
DS-7616NI-E2/16P, DS-7632NI-E2/16P

### Main Features

- Ability to connect to third-party network cameras, including 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
- Supports live view, storage, and playback of the connected camera(s) with up to 6 MP resolution
- Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution
- New GUI, and supports starting recording with one key
- Multiple recording types: manual, continuous, alarm, motion, motion alarm, motion and alarm
- 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
- Supports HDD quota mode; different capacities can be assigned to different channels
- Up to two SATA hard disks up to 6 TB capacity each can be connected
- 1 self-adaptive 10M/100M/1000M network interface is provided
- Up to 4/8/16 independent PoE network interfaces for different models
- Supports Hikvision DDNS (Dynamic Domain Name System)
- Supports network detection, including network delay, packet loss, etc.
- Supports H.264+ to ensure high video quality with lowered bitrate



### Typical Connections

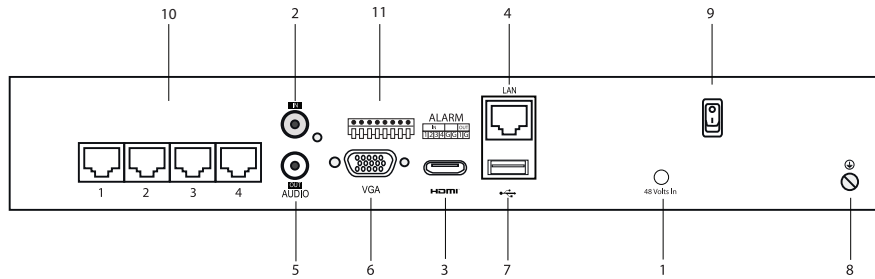


## Specifications

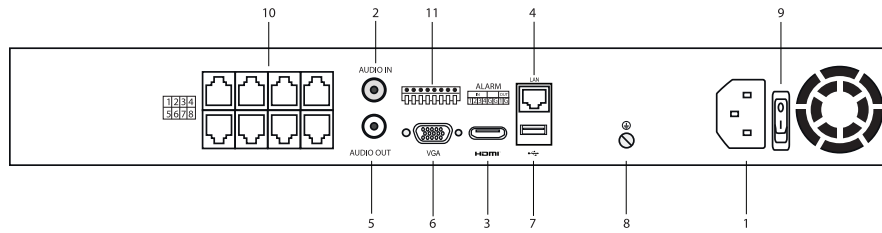
Model		DS-7604NI-E1/4P	DS-7608NI-E2/8P
Video/Audio Input	IP Video Input	4-ch	8-ch
	Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1k Ω)	
Network	Incoming Bandwidth	40 Mbps	80 Mbps
	Outgoing Bandwidth	80 Mbps	
	Remote Connection	32	128
Video/Audio Output	Recording Resolution	6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	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 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
Audio Output	1-ch, RCA (linear, 1k Ω)		
Decoding	Live View/Playback Resolution	6 MP/5 MP/3 MP/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 6 TB for each disk	
External Interface	Network Interface	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface	1 RJ-45 10/1000 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	50 W	120 W
	Supported Standard	AF and AT	
General	Power Supply	48 VDC	100 to 240 VAC
	Consumption (without hard disk or PoE)	≤10 W	
	Working Temperature	-10° C to +55° C (+14° F to +131° F)	
	Working Humidity	10 % to 90 %	
	Chassis	1U chassis	19-inch rack-mounted 1U chassis
	Dimensions (W × D × H)	315 mm × 230 mm × 45 mm (12.4" × 9.1" × 1.8")	445 mm × 290 mm × 45 mm (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, 1k Ω)			
Network	Incoming Bandwidth	160 Mbps			
	Outgoing Bandwidth	80 Mbps			
	Remote Connection	128			
Video/Audio Output	Recording Resolution	6 MP/5 MP/3 MP/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 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz			
Audio Output	1-ch, RCA (linear, 1k Ω)				
Decoding	Live View/Playback Resolution	6 MP/5 MP/3 MP/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 6 TB 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	
	Maximum Power	120 W		200 W	
	Supported Standard	AF and AT			
General	Power Supply	100 to 240 VAC			
	Consumption (without hard disk or PoE)	≤10 W		≤15 W	
	Working Temperature	-10° C to +55° C (+14° F to +131° F)			
	Working Humidity	10% to 90%			
	Chassis	380 chassis			
	Dimensions (W × D × H)	380 mm × 290 mm × 48 mm (15.0" × 11.4" × 1.9")			
	Weight (without hard disk)	≤1 kg (2.2 lb)			

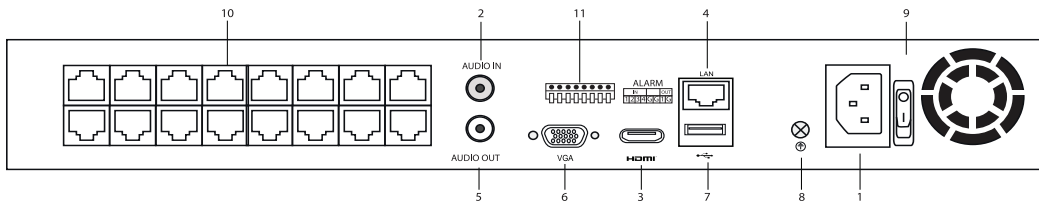
## Physical Interfaces



DS-7604NI-E1/4P



DS-7608NI-E2/8P



DS-7616NI-E2/16P



The rear panel of the 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
11	Alarm I/O (4 in/1 out)