



DS-9664NI-I8-16TB: Network Video Recorder

General Information/Key Features

- UNSPSC: 46171621
- Harmonization Code: 8521900000
- Country of Origin: US
- Product Series: DS-9600NI-I8

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DS-9664NI-I8-16TB

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DS-96xxNI-I8 Series Network Video Recorder (NVR)



- H.265+, H.265, H.264+, H.264, MPEG4
- Up to 12 MP Resolution Recording
- Synchronous 2-ch HDMI, 2-ch VGA, and HDMI1 4K (3840 x 2160) Resolution
- Connect Up to 32/64 IP Cameras with 320 Mbps Incoming Bandwidth
- Up to 8 SATA HDD and 1 eSATA Interface
- HDD Hot-Swap with Configurable RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
- VCA Detection Alarm and VCA Search
- RS-485 Control Hikvision-C and Pelco D/P Protocol
- Instant Camera Playback During Multi-Channel Live View
- 16-ch Synchronous Playback
- Reverse Playback for Multi-Channels
- Smart Search and Playback
- Custom Tags, Search, and Playback by Tags
- Alarm I/O, 16/4
- HDD Quota and Group Management
- HikConnect DDNS
- Third-Party Network Cameras Supported

Specifications

	DS-9616NI-I8	DS-9632NI-I8	DS-9664NI-I8
Video/Audio Input			
IP Video Input	16-ch Up to 12 MP resolution	32-ch	64-ch
Two-Way Audio	1-ch, RCA [2.0 Vp-p, 1 K Ω]		
Network			
Video Compression	H.265+, H.265, H.264+, H.264, MPEG4		
Incoming Bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)	320 Mbps, or 200 Mbps (when RAID is enabled)	
Outgoing Bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)		
Remote Connections	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		
VGA1/HDMI1 Output Resolution	HDMI1: 4K (3840 × 2160), 2K (2560 × 1440), 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768		
VGA2/HDMI2 Output Resolution	VGA1: 2K (2560 × 1440), 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768		
Audio Output	1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768		
	2-ch, RCA [2.0 Vp-p, 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 (20 fps)/4-ch @ 8 MP (25 fps)/8-ch @ 4 MP (30 fps)/16-ch @ 1080p (30 fps)		
Network Management			
Network Protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard Disk			
SATA	8 SATA interfaces		
eSATA	1 eSATA interface		
Capacity	Up to 12 TB capacity for each HDD		
Disk Array			
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10		
Number of Arrays	4		
External Interface			
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
Serial Interface	RS-232; RS-485; keyboard		
USB Interface	Front panel: 2 × USB 2.0; rear panel: 1 × USB 3.0		
Alarm In/Out	16/4		
General			
Power Supply	100 to 240 VAC, 50 to 60 Hz		
Maximum Power	200 W		
Consumption (w/o hard disk)	≤30 W (without HDD)		
Working Temperature and Humidity	14 to 131° F (-10° to +55° C), 10% to 90% humidity (non-condensing)		
Dimensions (W × D × H)	17.5" × 18.5" × 3.5" (445 mm × 470 mm × 90 mm)		
Weight (w/o hard disk)	≤10 Kg (22 lb)		

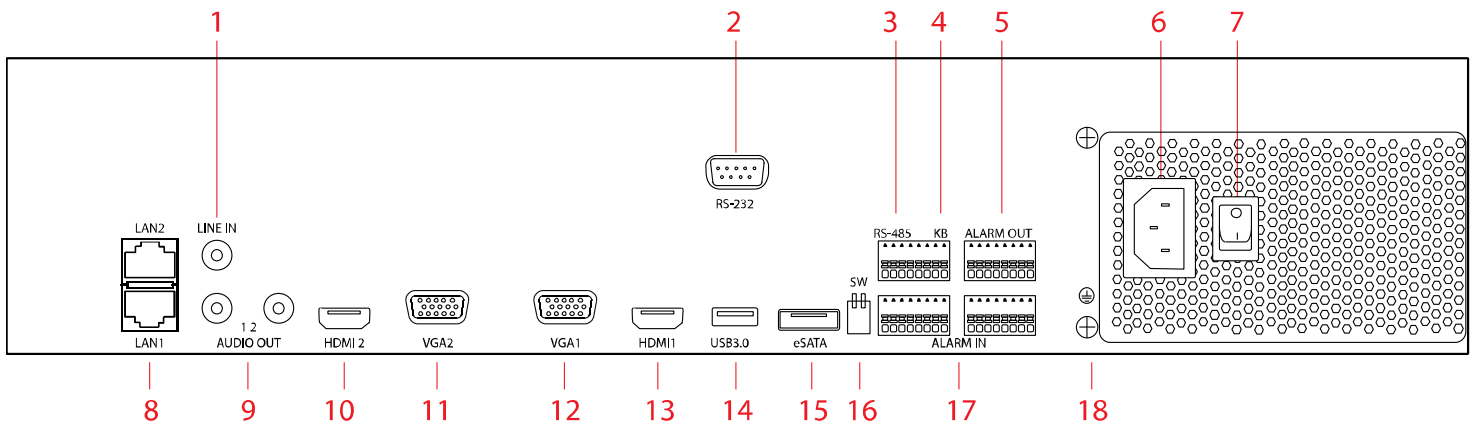
Order Models

DS-9616NI-I8: 16 channels

DS-9632NI-I8: 32 channels

DS-9664NI-I8: 64 channels

Physical Interfaces



1.	LINE IN	RCA connector for audio input
2.	RS-232	RS-232 interface
3.	RS-485	RS-485 interface
4.	KB	Keyboard input
5.	ALARM OUT	Alarm Out
6.	---	100 to 240 VAC power supply
7.	O/I	Power switch
8.	LAN 1/LAN2	LAN Interfaces, 2x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
9.	AUDIO OUT	RCA connectors for audio output
10.	HDMI 2	HDMI video output connector
11.	VGA2	DB-9 connector for VGA output; display local video output and menu
12.	VGA1	DB-9 connector for VGA output; display local video output and menu
13.	HDMI1	HDMI video output connector
14.	USB3.0	USB 3.0 interface
15.	eSATA	eSATA interface
16.	SW	RS-485 end-of-line termination switch
17.	ALARM IN	Alarm In
18.	---	Ground

Box Contents (Subject to Change without Notice)

Mouse
 Remote
 AC Cord
 HDD Screws (Installed)
 HDD (Installed)
 HDD Cables (Installed)
 Ear Mounts
 Hard Drive Rails (Installed)
 Quick Start Guide