

DS-8600NI-I8 SERIES NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

Video Input and Transmission

- Up to 64-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 12MP resolution

HD Video Output

- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 8 SATA interfaces and 1 eSATA interface for HDD connection
- 10TB capacity for each HDD
- Smart search for efficient playback
- 16-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- Important files management
- HDD health monitoring

Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

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



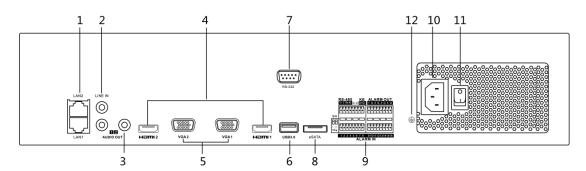


Specifications

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Model		DS-8608NI-I8	DS-8616NI-I8	DS-8632NI-I8	DS-8664NI-I8			
Video/Audio input	IP video input	8-ch	16-ch	32-ch	64-ch			
	ir video iliput	Up to 12 MP resolution						
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)						
Network	Incoming bandwidth	128 Mbps	256 Mbps	320 Mbps	320 Mbps			
		120 1/10/03	or 200 Mbps (when RAID is enabled)					
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)						
	Remote connection	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						
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480						
	VGA1 /HDMI1 output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	resolution	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	VGA2 /HDMI2 output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	Audio output	2-ch, RCA (2.0Vp-	p, 1 KΩ)					
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/QCIF						
	Synchronous playback	8-ch 16-ch						
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)						
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS						
Hard disk	SATA	8 SATA interfaces for 8HDDs						
	eSATA	1 eSATA interface	1 eSATA interface					
	Capacity	Up to 10TB capacity for each HDD						
Diele emmen	Array type	RAID0, RAID1, RAID5, RAID6, RAID10						
Disk array	Number of arrays	4						
	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface						
External interface	Serial interface	RS-232; RS-485; Keyboard						
	USB interface	Front panel: 2 × U	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						
	Max. Power	200 W						
	Consumption (without HDD)	≤ 30 W						
	Working temperature	-10 to +55 °C (+14 to +131° F)						
	Working humidity	10% to 90%						
	Chassis	19-inch rack-mou	19-inch rack-mounted 2U chassis					
	Dimensions(W × D × H)	445 × 470 ×90 mm (17.5"× 18.5" × 3.5")						
	Weight (without HDD)	≤ 8 kg (17.6 lb)						



Physical Interfaces



Index	Description	Index	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In/Alarm Out
4	HDMI1/HDMI2 Interface	10	100 to 240 VAC Power Supply
5	VGA1/VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND

Available Models

DS-8608NI-18, DS-8616NI-18, DS-8632NI-18, DS-8664NI-18

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