DS-9600NI-I8 SERIES NVR

Features and Functions

Professional and Reliable

- Dual-OS design to ensure high reliability of system running. The system has Linux embedded with the Pentaplex function

- The system has language: Portuguese and English

- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable

- Support different levels of the user with the possibility of the lock cameras for the user. Support 10 user connection in the same time

Video Input and Transmission

- Up to 64-ch 12 MP IP cameras can be connected with control of the bit rate per channel.

- Real time live view and playback

Compression and Recording

- H.264+ compression reduces the storage space and costs by up to 50%. Format of the video, MPEG 4, AVI, ASF.

- Full channel recording at up to 12MP resolution.

Function of the System

- Support, remote configuration of the system, playback, download, log of the system, update of the device and cameras. Update of the firmware by local system and remote system. Backup of the configuration file.

Storage and Playback

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup

- Smart search for efficient playback. Backup by USB interface, by networking and FTP.

- 8/16-ch synchronous playback at up to 1080p resolution with the option to search by date, hour, seconds and motion detection. Support zoom digital in the camera.

Smart &POS Function

- The system possibility: live view, playback, record, backup and remote access in the same time.

- Functions: motion detection, loss video, masking of the camera, and offline camera.

- Support of the visualization of the: name of camera, hour, date, record status, motion detection, loss video, lock of the camera, status of the HD, statics of the transmission, log of the events, firmware version, online users and input 4 regions of the mask private

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management. IVMS 4200 free included.
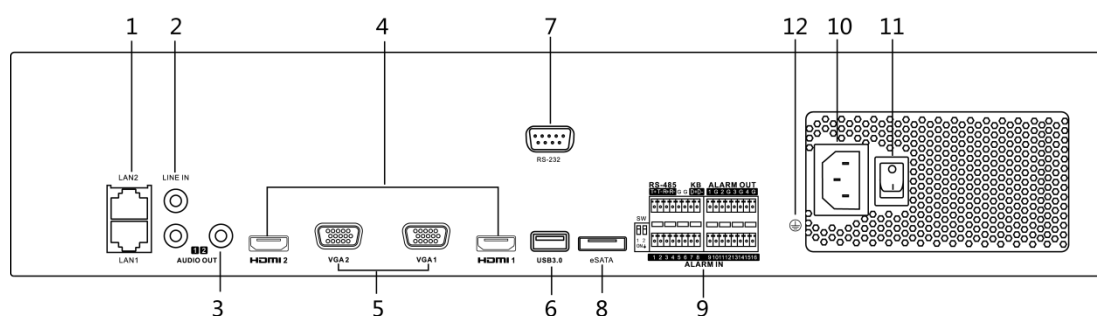
Specifications

Model		DS-9608NI-I8	DS-9616NI-I8	DS-9632NI-I8	DS-9664NI-I8
Video/Audio input	**IP video input**	8-ch	16-ch	32-ch	64-ch
		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
			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 resolution	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			
		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			
	Mode of the view	Mosaic with the mode 1, 4, 8, 9, 16, 25 e 36			
	Audio output	2-ch, RCA (2.0Vp-p, 1 KΩ)			
Decoding	**Decoding format**	H.265/H.265+/H.264/H.264+/MPEG4/MJPEG			
	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	8-ch	16-ch		
	Rate frames for record	8-ch 12 MP with 8 fps 8 MP with 15 fps 3 MP with 20 fps 1080Pwith 30 fps 720P with 30 fps	16-ch 12 MP with 8 fps 8 MP with 15 fps 3 MP with 20 fps 1080Pwith 30 fps 720P with 30 fps	32-ch 12 MP with 8 fps 8 MP with 15 fps 3 MP with 20 fps 1080Pwith 30 fps 720P with 30 fps	64-ch 12 MP with 8 fps 8 MP with 15 fps 3 MP with 20 fps 1080Pwith 30 fps 720P with 30 fps
Network management	**Network protocols**	IPV4 and IPV6, TCP/IP, DHCP, HIK Cloud P2P (DDNS of the Hikvision), DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, DYNDNS, NO-IP, FTP, IP filter, HTTP, RTSP, search IP, alarm server, UDP, PPPoE. Send email for 3 differents addres with alerts and photos. Alarm of the disconnect networking.			
Hard disk	**SATA**	8 SATA interfaces			
	eSATA	1 eSATA interface			
	Capacity	Up to 6TB capacity for each HDD			
Disk array	**Array type**	RAID0, RAID1, RAID5, RAID6, RAID10			
	Number of arrays	4			
	Functions	Manager HD, error of the record, limited of HD, erro HD. Search of the events: Motion detection, alarm, regular with the hour and date precision. Tags for the mark of the events, 5 speeds of the playback and selection of the file to playback.			
External interface	**Network interface**	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface, with the possibility to have redundancy networking.			
	Serial interface	RS-232; RS-485; Keyboard			
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0, backup of the image by HD external and drive DVD-RW			
	Alarm in/out	16/4			

General	Power supply	100 to 240 VAC, 50 to 60 Hz
	Max. Power	200 W
	Consumption (without hard disk)	≤ 30 W
	Working temperature	-10 to +55º C (+14 to +131º F)
	Warranty	The device has 36 months of the warranty.
	Working humidity	10 to 90 %
	Chassis	19-inch rack-mounted 2U chassis
	Dimensions(W × D × H)	445 × 470 ×90 mm (17.5"× 18.5" × 3.5")
	Weight (without hard disk)	≤ 10 kg (22 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-9608NI-I8, DS-9616NI-I8, DS-9632NI-I8, DS-9664NI-I8

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