DS-9600NI-I8/R SERIES NVR

Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- Redundant power supply is provided to improve the system stability
- 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 IP cameras can be connected (up to 12 MP)
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol)
- 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
- 10 TB capacity for each HDD
- 8/16-ch synchronous playback at up to 1080p resolution
- 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/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
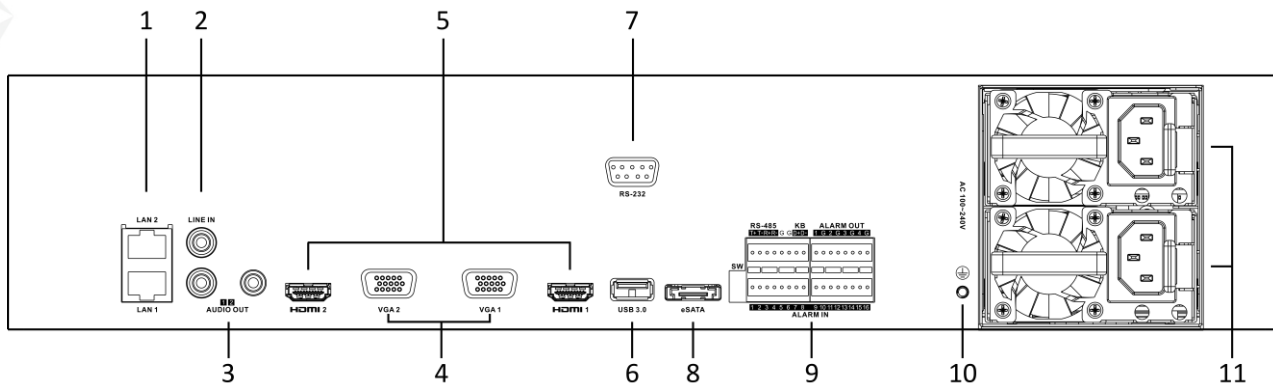- POS triggered recording and alarm

Network & Ethernet Access

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

Specifications

Model		DS-9632NI-I8/R	DS-9664NI-I8/R
Video/Audio input	**IP video input**	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**	320 Mbps, or 200 Mbps (when RAID is enabled)	
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)	
	TLS outgoing bandwidth	Max. 128 Mbps (max. 64 Mbps in RAID mode)	
	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	
	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/CIF/QCIF	
	Synchronous playback	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	
	eSATA	1 eSATA interface	
	Capacity	Up to 10TB capacity for each HDD	
Disk array	**Array type**	RAID0, RAID1, RAID5, RAID6, RAID10	
	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 (16/8 optional)	
General	**Power supply**	100 to 240 VAC, 50 to 60 Hz, redundant power supply module meets the Intel CRPS (Common Redundant Power Supply) standard	
	Max. Power	550 W	
	Consumption (without hard disk)	≤ 30 W	
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	
	Working humidity	10 to 90 %	
	Dimensions(W × D × H)	445 × 547 × 89 mm (17.5"× 21.5" × 3.5")	
	Weight (without hard disk)	≤ 13 kg (28.7 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**	Controller Port, Alarm In/Alarm Out
4	VGA1/VGA2 Interface	**10**	GND
5	HDMI1/HDMI2 Interface	**11**	100 to 240 VAC Power Supply
6	USB 3.0 Interface		

Available Models

DS-9632NI-I8/R, DS-9664NI-I8/R

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