DS-8600NI-K8 SERIES NVR

Features and Functions

Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

HD Input

- H.265/ H.265+/H.264//H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

HD Output

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

HD Storage

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

- 2 self-adaptive 10 M/100 M/1000 Mbps network interfaces, and two working modes are configurable: multi-address and network fault tolerance
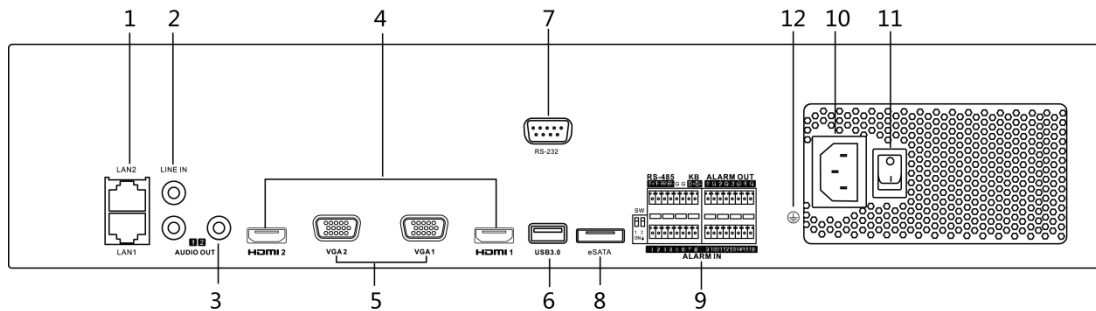
Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

Specifications

Model		DS-8616NI-K8	DS-8632NI-K8
Video/ Audio input	**IP video input**	16-ch	32-ch
	Incoming bandwidth	160 Mbps	256 Mbps
	Outgoing bandwidth	160 Mbps	
Video/ Audio output	**VGA1/HDMI1 output resolution**	HDMI1: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA2/HDMI2 output resolution	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	2-ch, RCA (Linear, 1 K Ω)	
Decoding	**Decoding format**	H.265/ H.265+/H.264/H.264+/MPEG4	
	Recording resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF /CIF/QCIF	
	Synchronous playback	16-ch	16-ch
	Capability	2-ch @ 4K or 8-ch @ 1080p	
Network management	**Network protocols**	TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	**SATA**	8 SATA interfaces	
	eSATA	1 eSATA interface	
	Capacity	Up to 6TB capacity for each HDD	
External interface	**Two-way audio**	1-ch, RCA (2.0 Vp-p, 1 kΩ)	
	Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	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	
	Max. Power	200 W	
	Consumption (without hard disk)	≤ 30 W	
	Working temperature	-10 to +55° C (14 to 131° F)	
	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)	≤ 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-8616NI-K8, DS-8632NI-K8

Distributed by