DS-7700NI-K4 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.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

HDMI and VGA independent outputs provided

HDMI Video output at up to 4K (3840 × 2160) resolution

HD Storage

Up to 4 SATA interfaces 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 10M/100M/1000M network interfaces

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
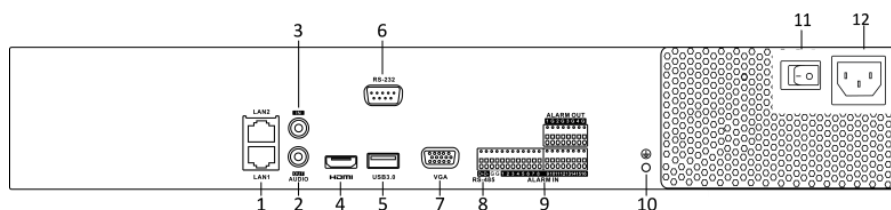
Supports HDD quota and group modes; different capacity can be assigned to different channels.

Specifications

Model		DS-7716NI-K4	DS-7732NI-K4
Video/ Audio input	IP video input	16-ch	32-ch
	Incoming bandwidth	160 Mbps	256 Mbps
	Outgoing bandwidth	160 Mbps	
Video/ Audio output	HDMI output resolution	4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA output resolution	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	1-ch, RCA (Linear, 1 KΩ)	
Decoding	Decoding format	H.265/H.264/MPEG4	
	Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF /QCIF	
	Synchronous playback	16-ch	16-ch
	Capability	2-ch @ 4K, or 8-ch @ 1080p	
Hard disk	SATA	4 SATA interfaces for 4HDDs	
	Capacity	500GB/1TB/2TB/3TB/4TB/5TB/6TB	
External interface	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)	
	Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	Serial interface	1 RS-485 (half-duplex), 1 RS-232, 1 keyboard (optional)	
	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	
	Power	≤ 80 W	
	Consumption (without hard disk)	≤ 20 W	
	Working temperature	-10 to +55°C (14 to 131°F)	
	Working humidity	10 to 90 %	
	Chassis	19-inch rack-mounted 1.5U chassis	
	Dimensions (W × D × H)	445 × 390 ×70 mm (17.5"× 15.3" × 2.8")	
	Weight (without hard disk)	≤ 5 kg (11 lb)	

Physical Interfaces

Index	Description	Index	Description
1	LAN1 and LAN2 Network Interfaces	**7**	VGA Interface
2	AUDIO OUT	**8**	RS-485 Serial Interface
3	AUDIO IN	**9**	ALARM IN and ALARM OUT
4	HDMI Interface	**10**	GND
5	USB 3.0 Interface	**11**	100 to 240 VAC Power Input
6	RS-232 Serial Interface	**12**	Power Switch

Available Models

DS-7716NI-K4, DS-7732NI-K4.

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