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/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 16 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 2 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

- 1 self-adaptive 10M/100M/1000 Mbps network interface
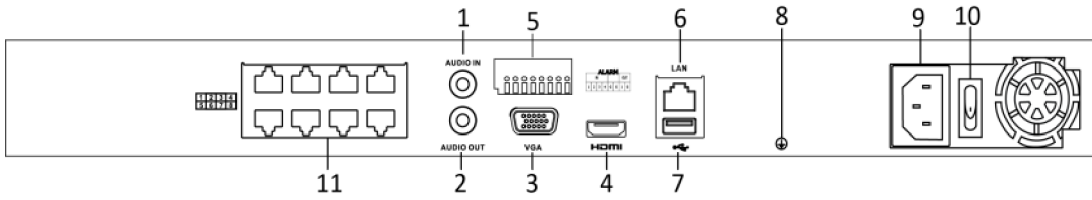- 8/16 independent PoE network interfaces are provided

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			
Video/ Audio input	**IP video input**	8-ch	16-ch
	Incoming bandwidth	80 Mbps	160 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/H.264+/MPEG4	
	Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Synchronous playback	8-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**	2 SATA interfaces for 2HDDs	
	Capacity	Up to 6TB capacity for each disk	
External interface	**Two-way audio**	1-ch, RCA (2.0 Vp-p, 1kΩ)	
	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	4/1	
POE Interface	**Interface**	8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	Power	≤ 120 W	≤ 200 W
	Supported standard	IEEE 802.3 af/at	
General	**Power supply**	100 to 240 VAC	
	Power	≤ 180 W	≤ 280 W
	Consumption (without hard disk)	≤ 15 W	
	Working temperature	-10 to +55°C (14 to 131°F)	
	Working humidity	10 to 90 %	
	Chassis	385 mm chassis	
	Dimensions (W × D × H)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")	
	Weight (without hard disk)	≤ 3 kg (6.6 lb)	

Physical Interfaces

![NOTE]

The 16ch provide 16 network Interfaces with PoE function.

Index	Description	Index	Description
1	AUDIO IN	7	USB 3.0 Interface.
2	AUDIO OUT	8	GND
3	VGA Interface	9	100 to 240 VAC power supply
4	HDMI Interface	10	Power Switch
5	Controller Port, Alarm In/Alarm Out	11	Network Interfaces with PoE function
6	LAN Network Interface		