DS-7600NI-Q1 SERIES NVR

Features and Functions

HD Input

- H.265+/H.265/H.264/H.264+ 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/VGA simultaneous output (DS-7604NI-Q1)
- HDMI and VGA independent outputs (DS-7608NI-Q1 and DS-7616NI-Q1)
- HDMI Video output at up to 4K (3840 × 2160) resolution

HD Storage

- 1 SATA interface connectable for recording and backup
- H.265+ compression effectively reduces the storage space and costs by up to 75%

HD Transmission

- 1 self-adaptive 10/100/1000 Mbps network interface

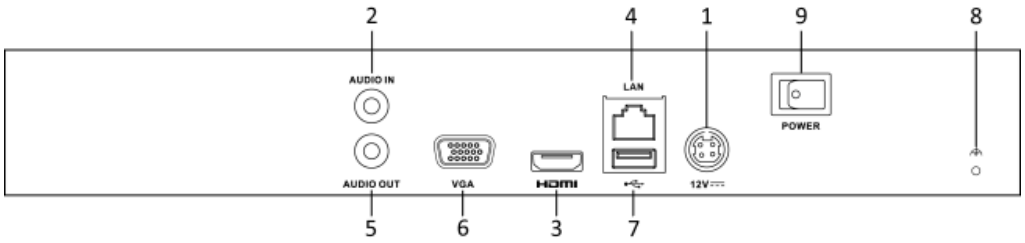
Various Applications

- 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
- Hik-Connect for easy network management

Specifications

Model		DS-7604NI-Q1	DS-7608NI-Q1	DS-7616NI-Q1
Video/Audio input	IP video input	4-ch	8-ch	16-ch
		Up to 8 MP resolution		
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)		
Network	Incoming bandwidth	40 Mbps	80 Mbps	160 Mbps
	Outgoing bandwidth	80 Mbps		
Video/Audio output	Recording resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF		
	HDMI output resolution	1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA output resolution	1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; HDMI/VGA simultaneous output	1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Audio output	1-ch, RCA (Linear, 1 KΩ)		
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4		
	Live view / Playback resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF		
	Synchronous playback	4-ch	8-ch	16-ch
	Capability	1-ch @ 8 MP / 4-ch @ 1080p		
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface		
	Capacity	Up to 6TB capacity for each disk		
External interface	Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
	USB interface	2 × USB 2.0		
General	Power supply	12 VDC		
	Power	≤ 18W		
	Consumption (without hard disk)	≤ 10 W		
	Working temperature	-10 to +55º C (+14 to +131º F)		
	Working humidity	10 to 90 %		
	Chassis	1U chassis		
	Dimensions (W × D × H)	315 × 240 × 48 mm (12.4" × 9.4" × 1.9")		
	Weight(without hard disk)	≤ 1 kg (2.2 lb)		

Physical Interfaces



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1	Power Supply	6	VGA Interface
2	Audio In	7	USB Interface
3	HDMI Interface	8	Ground
4	LAN Network Interface	9	Power Switch
5	Audio Out		

Available Models

DS-7604NI-Q1, DS-7608NI-Q1, DS-7616NI-Q1

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