DS-7600NI-I2/P SERIES NVR

Features and Functions

Professional and Reliable
- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Up to 32-ch cameras can be connected (up to 12 MP)
- Connectable to the third-party network cameras

Compression and Recording
- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12MP resolution

HD Video Output
- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

Storage and Playback
- Up to 2 SATA interfaces for HDD connection
- 8/16-ch synchronous playback at up to 1080p resolution
- Important files management
- 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/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm
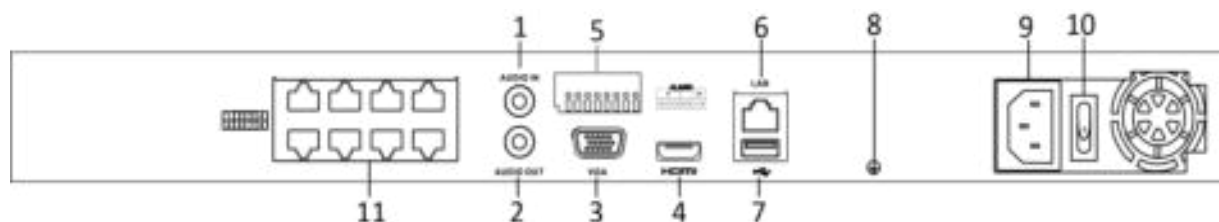
Network & Ethernet Access
- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 8/16 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE

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Specifications

Model		DS-7608NI-I2/8P	DS-7616NI-I2/16P	DS-7632NI-I2/16P
Video/Audio input	**IP video input**	8-ch	16-ch	32-ch
		Up to 12 MP resolution		
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)		
Network	**Incoming bandwidth**	80 Mbps	160 Mbps	256Mbps
	Outgoing bandwidth	256 Mbps		
	Remote connection	32	128	
	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/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		
	HDMI output resolution	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		
	VGA output resolution	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	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF		
	Synchronous playback	8-ch	16-ch	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**	2 SATA interfaces		
	Capacity	Up to 8TB capacity for each HDD		
External interface	**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, 50 to 60 Hz		
	Power	≤ 180 W	≤ 280 W	
	Consumption (without hard disk)	≤15 W (without enabling PoE)		
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)		
	Working humidity	10 to 90 %		
	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

Index	Description	Index	Description
1	AUDIO IN	7	USB 3.0 Interface
2	AUDIO OUT	8	GND
3	VGA Output (DB9 Connector)	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 (8 interfaces for DS-7608NI-I2/8P and 16 interfaces for DS-7616NI-I2/16P and DS-7632NI-I2/16P.)
6	LAN Interface		

Available Models

DS-7608NI-I2/8P, DS-7616NI-I2/16P, DS-7632NI-I2/16P

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