

DS-7700NI-I4/P(B) 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 IP 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 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 4 SATA interfaces connectable for HDD connection
- 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

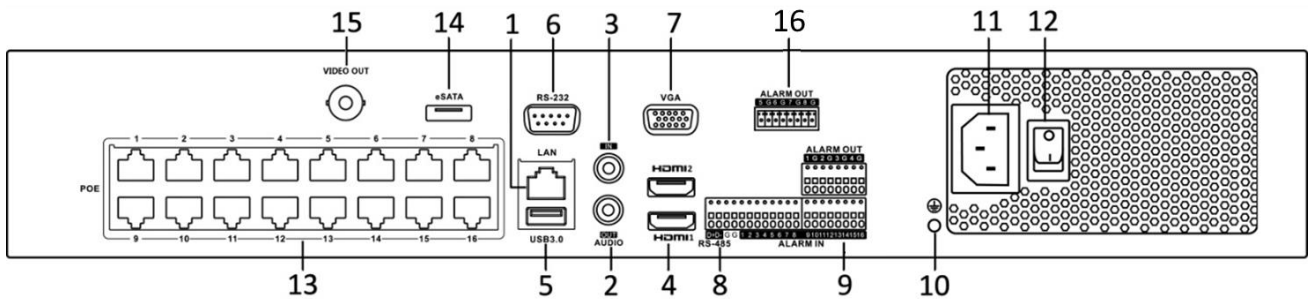
- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 16 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE



Specifications

Model		DS-7716NI-I4/16P(B)	DS-7732NI-I4/16P(B)
Video/Audio input	IP video input	16-ch Up to 12 MP resolution	32-ch
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)	
Network	Incoming bandwidth	160 Mbps	256 Mbps
	Outgoing bandwidth	256 Mbps	
	Remote connection	128	
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF	
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
	HDMI1 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	2K (2560 × 1440) /60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output	
	HDMI2 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.265+/H.264/H.264+/MPEG4	
	Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF /DCIF/ 2CIF/CIF/QCIF	
	Synchronous playback	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	4 SATA interfaces for 4HDDs	
	Capacity	Up to 8 TB capacity for each HDD	
	eSATA	1 eSATA interface	
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	Serial interface	1 RS-485 (half-duplex), 1 RS-232	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	16/4 (16/8 optional)	
POE Interface	Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	
	Power	≤200W	
	Supported standard	IEEE 802.3 af/at	
General	Power supply	100 to 240 VAC	
	Total Power	≤ 360 W	
	Consumption (without hard disk)	≤ 20 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)	445 × 400 × 71 mm (17.5"× 15.7" × 2.8")	
Weight (without hard disk)	≤ 5 kg (11 lb)		

Physical Interfaces



Index	Description	Index	Description
1	LAN Interfaces	2	AUDIO OUT
3	AUDIO IN	4	HDMI Interface
5	USB 3.0 Interface	6	RS-232 Serial Interface
7	VGA Output (DB9 Connector)	8	RS-485 Serial Interface
9	Controller Port, Alarm In/Alarm Out	10	GND
11	100 to 240 VAC power supply	12	Power Switch
13	Network Interfaces with PoE function	14	eSATA Interface
15	VIDEO OUT	16	Alarm Out (Optional)

Available Models

DS-7716NI-I4/16P(B), DS-7732NI-I4/16P(B)

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