

## iDS-7700NXI-I/P/S DeepinMind SERIES NVR



### Features and Functions

#### Human Body Detection

- Deep learning-based analysis: re-recognition of the human body target in behavior detection to filter false alarm

#### 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

- Full channel IP cameras connection
- 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 4 SATA interfaces for HDD connection
- 12-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- 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
- 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

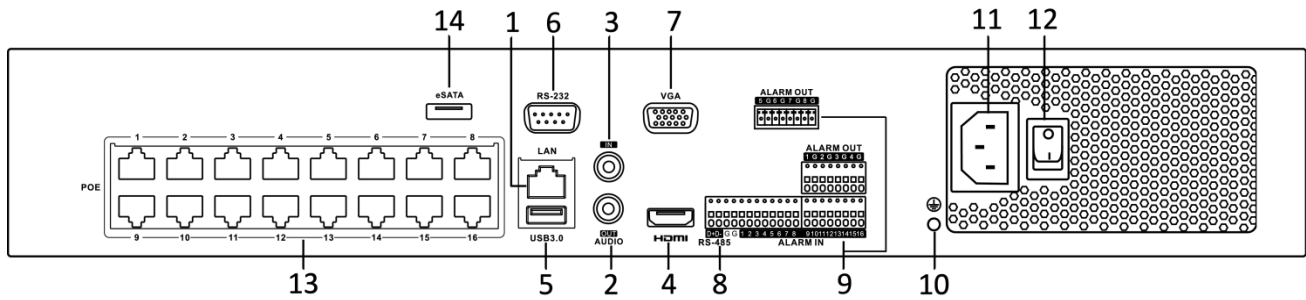


## Specifications

Model		iDS-7716NXI-I4/16P/8S	iDS-7732NXI-I4/16P/8S
Video/Audio input	IP video input	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	256 Mbps	
	Outgoing bandwidth	200 Mbps	
	Remote connection	128	
Video/Audio output	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)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (1920 × 1080p/60 Hz), 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz	
	VGA output resolution	1920 × 1080p/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
	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	16-ch	
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 12-ch @ 1080p (30fps)	
Human body detection and analysis	Behavior detection analysis	False alarm filtering and picture re-recognition for up to 8-ch behavior (line crossing and intrusion) detection	
	Human body detection	False alarm filtering and picture re-recognition for human body detection	
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 6TB 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	RS-485 (half-duplex), RS-232, Keyboard	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	16/8	
PoE interface	Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	
	Power	≤ 200W	

	<b>Supported standard</b>	IEEE 802.3 af/at
<b>General</b>	<b>Power supply</b>	100 to 240 VAC
	<b>Power</b>	≤ 300 W
	<b>Consumption (without hard disk)</b>	≤ 30 W
	<b>Working temperature</b>	-10 to +55° C (+14 to +131° F)
	<b>Working humidity</b>	10 to 90 %
	<b>Chassis</b>	19-inch rack-mounted 1.5U chassis
	<b>Dimensions (W × D × H)</b>	445 × 400 × 71 mm ( 17.5" × 15.7" × 2.8")
	<b>Weight (without hard disk)</b>	≤ 5 kg (11 lb)

## Physical Interfaces



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

## Available Models

iDS-7716NXI-I4/16P/8S, iDS-7732NXI-I4/16P/8S

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