

## iDS-7700NXI-I4/16P/X(B) DeepinMind SERIES NVR



### Features and Functions

#### Human and Vehicle Analysis

Deep learning-based human and vehicle target classification improves false alarm reduction effect

#### 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 12 MP resolution

#### HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K resolution

#### Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-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



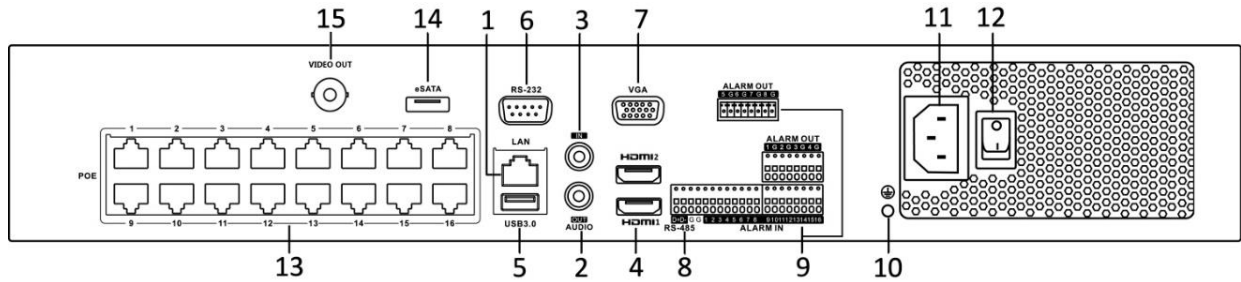
## Specifications

Model	iDS-7716NXI-I4/16P/X(B)		iDS-7732NXI-I4/16P/X(B)
Face detection and analytics <sup>1</sup>	Face picture library	32 libraries	
		100, 000 pictures	
	Face picture comparison alarm	16-ch face pictures comparison alarm, Alarm linkage actions: recording, audio warning, notify surveillance center, send email	
	Face picture search	Search by picture is supported	
	Performance of facial detection and analytics	8-ch human face capture (HD network camera, up to 4 MP, H.264/H.265)	
Human/Vehicle analysis <sup>1</sup>	False alarm reduction	Up to 16-ch 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm	
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	320 Mbps	
	Outgoing bandwidth	256 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	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 × 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, 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	16-ch @ 1080p	
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	SATA	4 SATA interfaces	
	Capacity	Up to 10 TB capacity for each HDD	
	eSATA	1 eSATA interface	
External	Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	

<b>interface</b>	<b>Serial interface</b>	RS-485 (half-duplex), RS-232, Keyboard
	<b>USB interface</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	<b>Alarm in/out</b>	16/8
<b>PoE interface</b>	<b>Interface</b>	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	<b>Power</b>	≤ 200 W
	<b>Supported standard</b>	IEEE 802.3 af/at
<b>General</b>	<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz
	<b>Total power</b>	≤ 350 W
	<b>Consumption (without hard disk and PoE off)</b>	≤ 30 W
	<b>Working temperature</b>	-10 °C to 55 °C (14 °F 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)	

1: Facial detection and analytics and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

## Physical Interfaces



Index	Description	Index	Description
1	LAN Interface	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		

## Available Models

iDS-7716NXI-I4/16P/X(B), iDS-7732NXI-I4/16P/X(B)

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