

## iDS-7700NXI-I4/16S(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 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
- 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

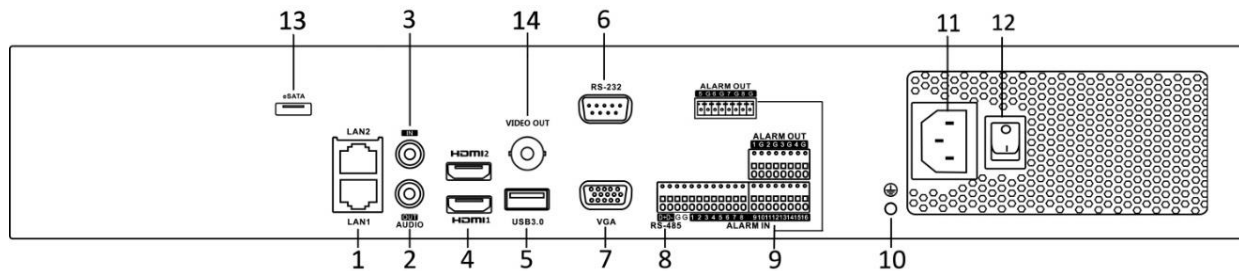
- Hik-Connect for easy network management
- Gigabit Ethernet network interface



## Specifications

Model		iDS-7716NXI-I4/16S(B)	iDS-7732NXI-I4/16S(B)
Human/Vehicle analysis	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 $\Omega$ )	
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/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ), resolution: PAL: 704 $\times$ 576, NTSC: 704 $\times$ 480	
	HDMI1 output resolution	4K (3840 $\times$ 2160)/60Hz, 4K (3840 $\times$ 2160)/30Hz, 2K (2560 $\times$ 1440)/60Hz, 1920 $\times$ 1080p/60Hz, 1600 $\times$ 1200/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz	
	VGA output resolution	1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz, HDMI1/VGA Simultaneous Output	
	HDMI2 output resolution	1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz	
	Audio output	1-ch, RCA (Linear, 1 K $\Omega$ )	
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 for 4HDDs	
	Capacity	Up to 8 TB capacity for each HDD	
	eSATA	1 eSATA interface	
External interface	Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	Serial interface	RS-485 (half-duplex), RS-232, Keyboard	
	USB interface	Front panel: 2 $\times$ USB 2.0; Rear panel: 1 $\times$ USB 3.0	
	Alarm in/out	16/8	
General	Power supply	100 to 240 VAC, 50 to 60 Hz	
	Total power	$\leq$ 80 W	
	Consumption (without hard disk)	$\leq$ 30 W	
	Working temperature	-10 $^{\circ}$ C to 55 $^{\circ}$ C (14 $^{\circ}$ F to 131 $^{\circ}$ F)	
	Working humidity	10 to 90 %	
	Chassis	19-inch rack-mounted 1.5U chassis	
	Dimensions (W $\times$ D $\times$ H)	445 $\times$ 400 $\times$ 71 mm ( 17.5" $\times$ 15.7" $\times$ 2.8")	
Weight (without hard disk)	$\leq$ 5 kg (11 lb)		

## Physical Interfaces



Index	Description	Index	Description
1	LAN1 and LAN2 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	eSATA Interface	14	VIDEO OUT

## Available Models

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

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