

iDS-7700NXI-I4/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 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



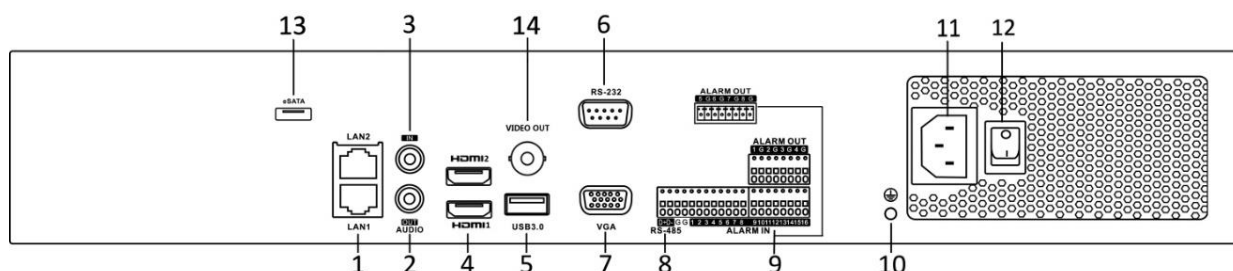
Specifications

Model	iDS-7716NXI-I4/X(B)	iDS-7732NXI-I4/X(B)
Facial detection and analytics ¹	Face picture library	16 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 ¹	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 Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)
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 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 for 4HDDs
	Capacity	Up to 10 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 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	16/8
General	Power supply	100 to 240 VAC, 50 to 60 Hz
	Total power	≤ 80 W
	Consumption (without hard disk)	≤ 30 W

Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10 to 90 %
Chassis	19-inch rack-mounted 1.5U chassis
Dimensions (W × D × H)	445 × 400 × 71 mm (17.5"× 15.7" × 2.8")
Weight (without hard disk)	≤ 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	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/X(B), iDS-7732NXI-I4/X(B)

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