

16-ch 1.5U 4K DeepinMind NVR



MODEL **iDS-7716NXI-I4/X(B)**

KEY FEATURES

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

iDS-7716NXI-I4/X(B)

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SPECIFICATIONS

Dimensions	iDS-7716NXI-I4/X(B)
Facial detection and analytics¹	RS-485
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 analysis¹	
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 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/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

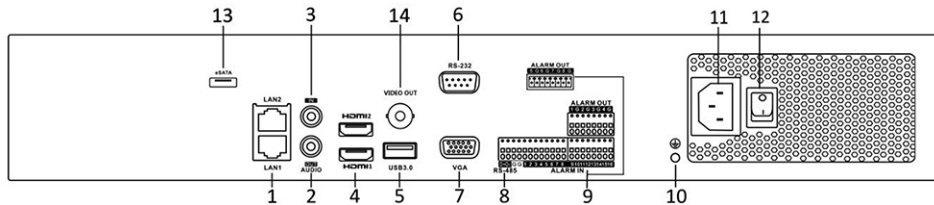
iDS-7716NXI-I4/X(B)

DeepinMind SERIES NVR

SPECIFICATIONS

Dimensions	iDS-7716NXI-I4/X(B)
Hard disk	
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	14 °F to 131 °F (-10 °C to 55 °C)
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)

DIMENSION



No.	DESCRIPTION	No.	DESCRIPTION
1	LAN1 and LAN2 Interfaces	8	RS-485 Serial Interface
2	AUDIO OUT	9	Controller Port, Alarm In/Alarm Out
3	AUDIO IN	10	GND
4	HDMI Interface	11	100 to 240 VAC power supply
5	USB 3.0 Interface	12	Power Switch
6	RS-232 Serial Interface	13	eSATA Interface
7	VGA Output (DB9 Connector)	14	VIDEO OUT