

iDS-7600NXI-I2/P/8F DeepinMind Series NVR

Key Feature

- Facial recognition based on deep learning algorithm
- Up to 80/160/256 Mbps incoming bandwidth, and 256 Mbps outgoing bandwidth
- Up to 8/16/32-ch network camera inputs
- H.265+/H.265/H.264+/H.264 video compression
- Up to 16-ch 1080p decoding capability



Profession and Reliability

- 8-ch face picture comparison alarm
- 16 face picture libraries, with up to 100,000 face pictures in total
- H.265+ compression effectively reduces the storage space by up to 75%
- ANR (Automatic Network Replenishment) technology enhances storage reliability when network exception occurs

Video and Storage

- Compatible with third-party network cameras, such as ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO
- 2 SATA interfaces (up to 6 TB capacity per HDD)

Network & Ethernet Access

- 8/16 independent PoE network interfaces
- Long PoE transmission distance (100 to 300 m)
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface

Live view and Playback

- Up to 16-ch@1080p decoding for live view
- Up to 8/16-ch synchronous playback at 1080p resolution



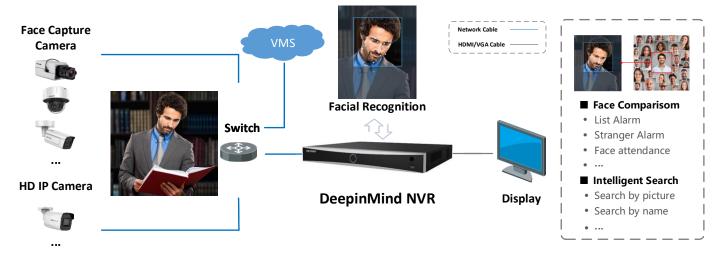
Application and Management

- Centralized management of network cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to Hikvision smart IP cameras, and capable of recording, playing back, and backing up VCA alarms

Typical Application

Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Comparing face pictures with the face picture library, and then trigger blacklist alarm and stranger alarm. Searching target person by picture and name features.



Specification

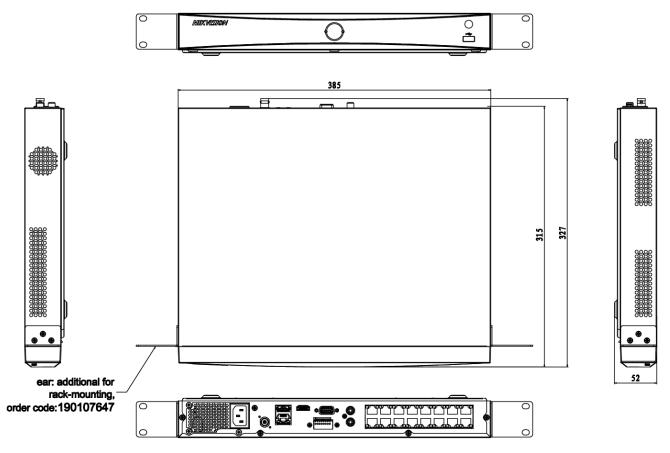
Model	iDS-7608NXI-I2/8P/8F	iDS-7616NXI-I2/16P/8F	iDS-7632NXI-I2/16P/8F	
Smart Analysis				
Facial detection and analytics	Face picture comparison, human face capture, face picture search			
Face picture library	Up to 16 face picture libraries, with up to 100,000 face pictures in total (total capacity \leq 4.7 GB)			
Face picture comparison	8-ch face picture comparison alarm			
Performance of facial detection and analytics	4-ch human face capture (HD network camera, up to 4 MP, H.264/H.265)			
Video and Audio				
ID widee innut	8-ch	16-ch	32-ch	
IP video input	Up to 12 MP resolution			
Incoming bandwidth	80 Mbps	160 Mbps	256 Mbps	
Outgoing bandwidth	256 Mbps			
HDMI output	1-ch, 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	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA independent output			
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480			
Audio output	1-ch, RCA (Linear, 1 KΩ)			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Decoding				
Decoding format	H.265+/H.265/H.264+/H.264/MPEG4			
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF			
Synchronous playback	8-ch	16-ch		
Capability	16-ch@1080p (30 fps), 4-ch@4K (30 fps), 2-ch@12 MP (30 fps)			
Dual stream recording	Support			
Stream type	Video, Video & Audio			
Audio compression	G.711ulaw/G.711alaw/G	.722/G.726/MP2L2		
Network				
Remote connection	128			
Network protocol	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS			
Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface			
Interoperability	Profile S client			
PoE				
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface	16, RJ-45 10/100 Mbps sel interface	f-adaptive Ethernet	
Power	≤ 120 W	≤ 200 W		
Supported standard	IEEE 802.3 af/at			

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Auxiliary interface					
Serial port	N/A				
SATA	2 SATA interfaces				
Capacity	Up to 6 TB capacity for each disk				
Alarm in/out	4/1				
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0				
General					
Power supply	100 to 240 VAC, 50 to				
	60 Hz, 2 A	100 to 240 VAC, 50 to 60Hz, 2.8A			
Consumption (without					
HDD and PoE off)	≤ 15 W				
Working temperature	-10 °C to 55 °C (14 °F to	-10 °C to 45 °C (14 °F to 113 °F)			
	131 °F)	-10 C (0 43 C (14 F (0 113 F)			
Working humidity	10% to 90%				
Dimension (W × D × H)	385 × 315 × 52 mm (15.2"× 12.4" × 2.0")				
Weight (without HDD)	≤ 3 kg (6.6 lb)				
Certification					
FCC	Part 15 Subpart B, ANSI C63.4-2014				
CE	EN50130-4, EN 61000-3-2, EN 61000-3-3, EN55032:2015				

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Dimension

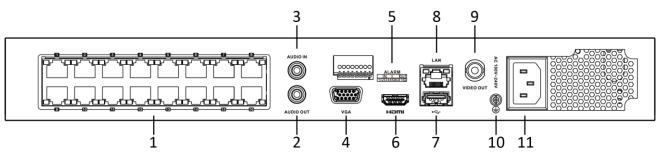


Unit: mm

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Physical Interface



*: The rear panel of iDS-7608NXI-I2/8P/8F provides 8 PoE interfaces.

No.	Description	No.	Description
1	Network Interfaces with PoE function	7	USB 3.0 interface
2	AUDIO OUT	8	Network Interface
3	AUDIO IN	9	VIDEO OUT
4	VGA output (DB9 connector)	10	GND
5	Alarm IN/OUT	11	100 to 240 VAC power supply
6	HDMI interface		

Available Model

iDS-7608NXI-I2/8P/8F, iDS-7616NXI-I2/16P/8F, iDS-7632NXI-I2/16P/8F

Distributed by

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