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
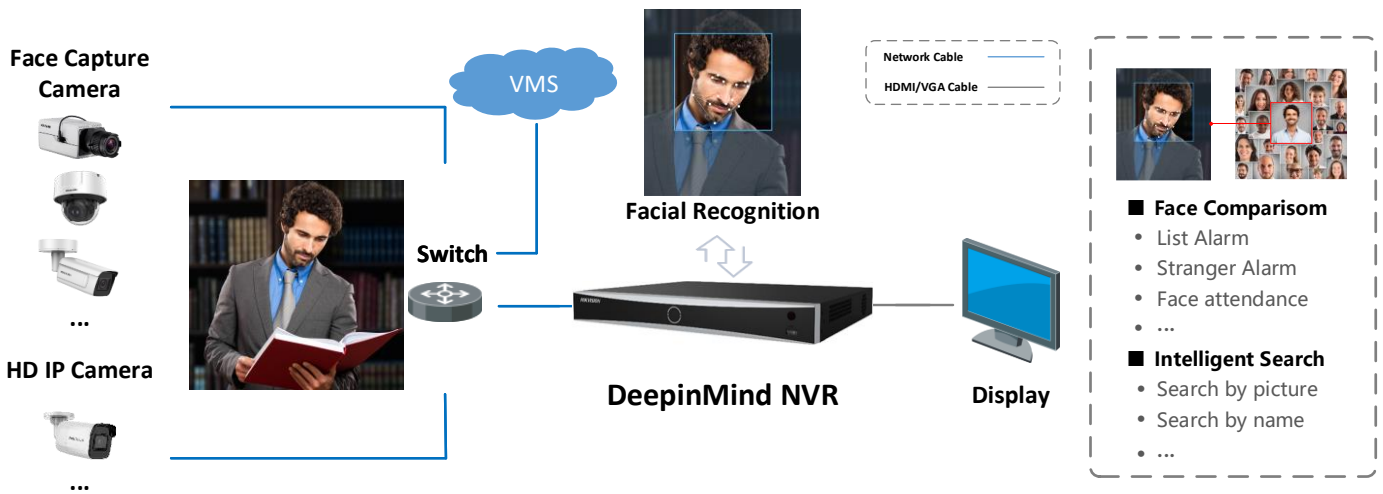
www.hikvision.com

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.


Face Capture Camera

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HD IP Camera

...

VMS

Switch

Facial Recognition

Network Cable

HDMI/VGA Cable

DeepinMind NVR

Display

■ **Face Comparisom**
- List Alarm
- Stranger Alarm
- Face attendance
- ...

■ **Intelligent Search**
- Search by picture
- Search by name
- ...

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 ≤ 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			
IP video input	8-ch	16-ch	32-ch
	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 self-adaptive Ethernet interface	
Power	≤ 120 W	≤ 200 W	
Supported standard	IEEE 802.3 af/at		

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 131 °F)	-10 °C to 45 °C (14 °F to 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	

Dimension

385

315

327

52

ear: additional for
rack-mounting,
order code:190107647
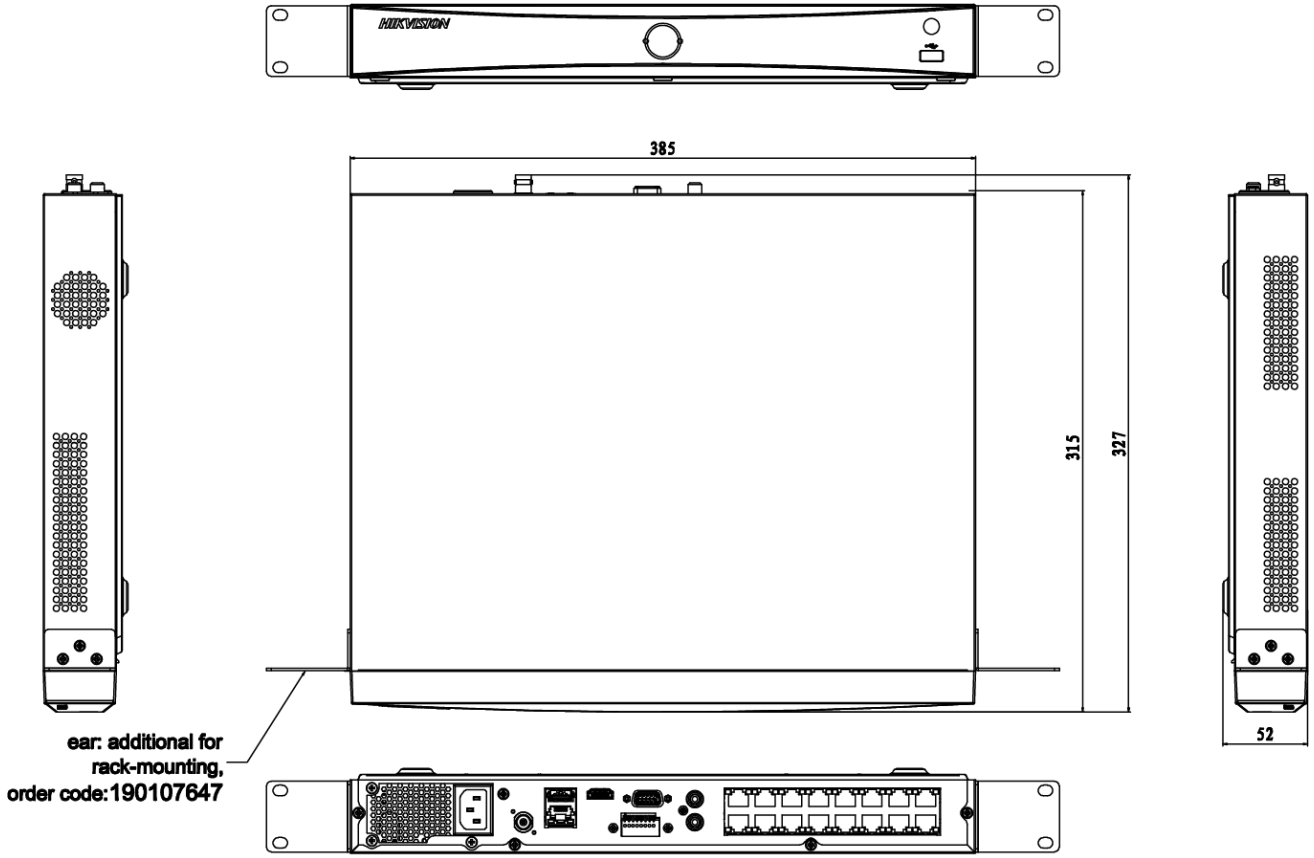
Unit: mm

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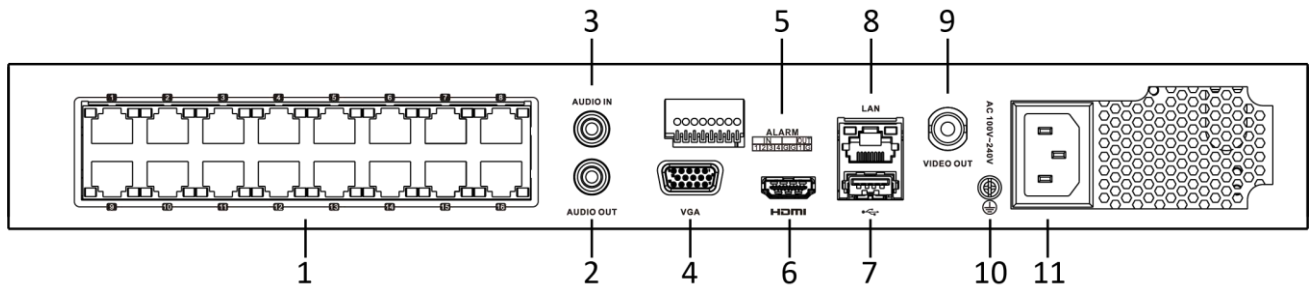
*: The rear panel of iDS-7608NXI-I2/8P/8F provides 8 PoE interfaces.

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

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