

## 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



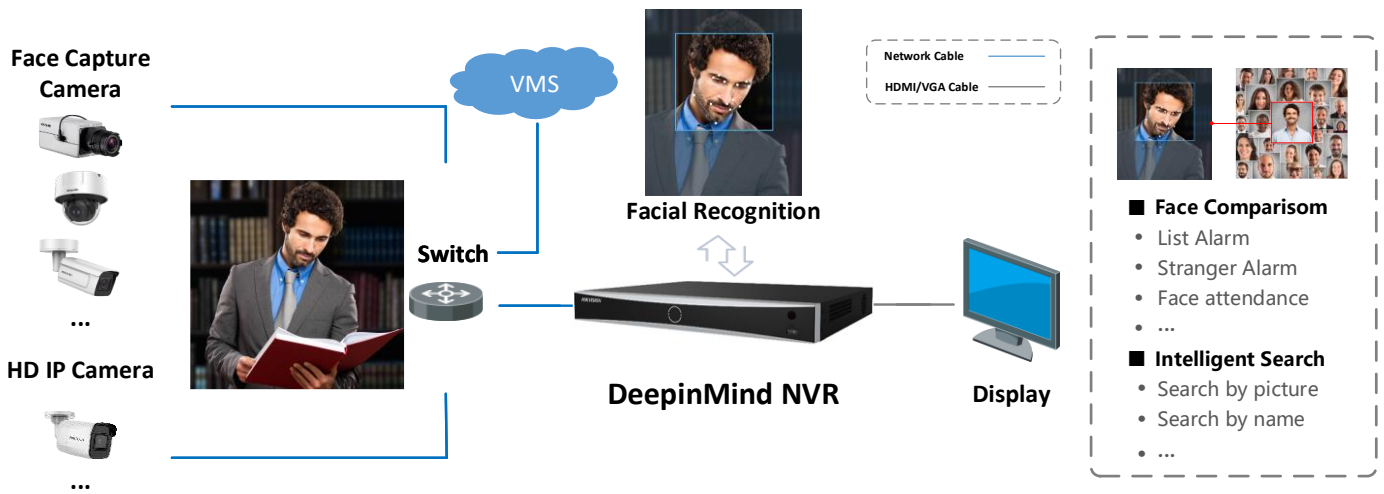
## Application and Management

- 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.

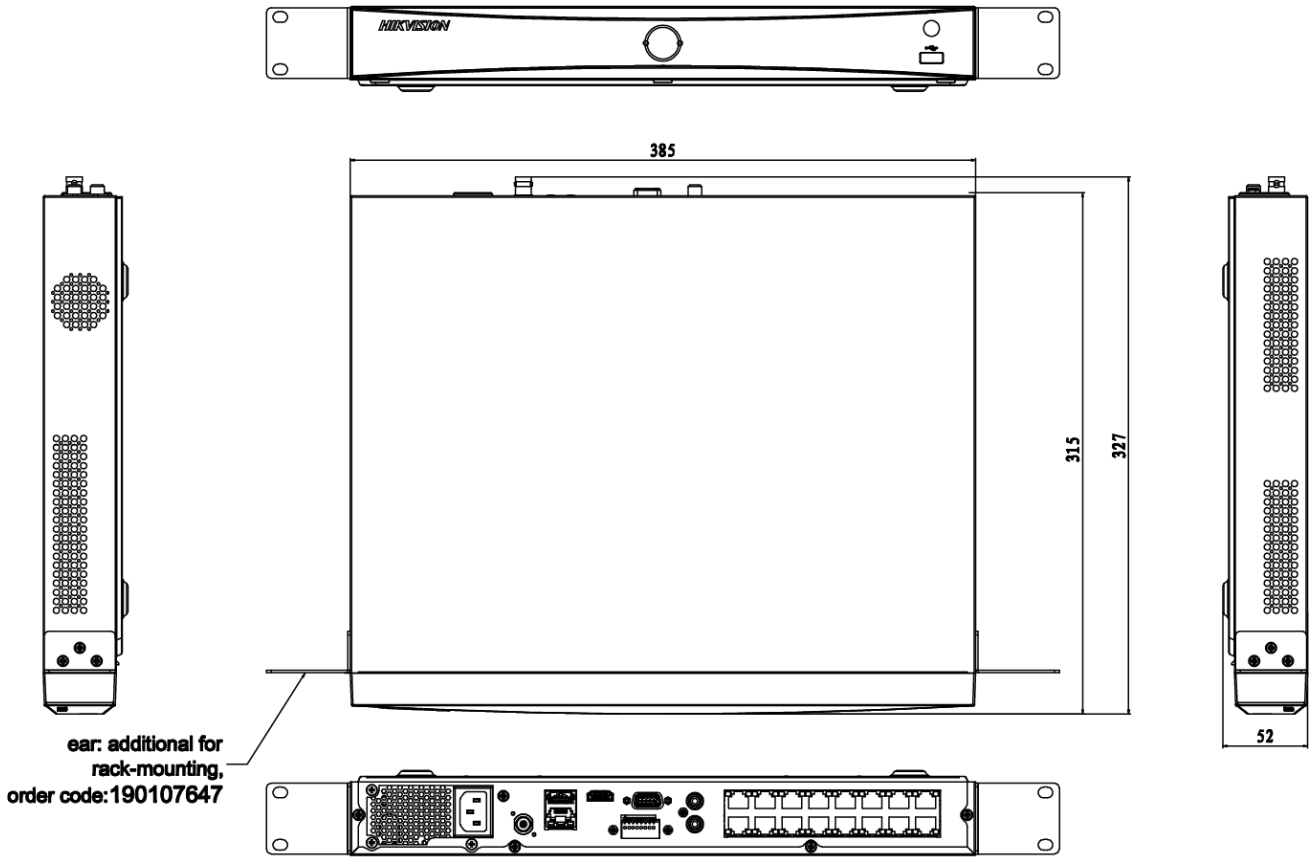


## Specification

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

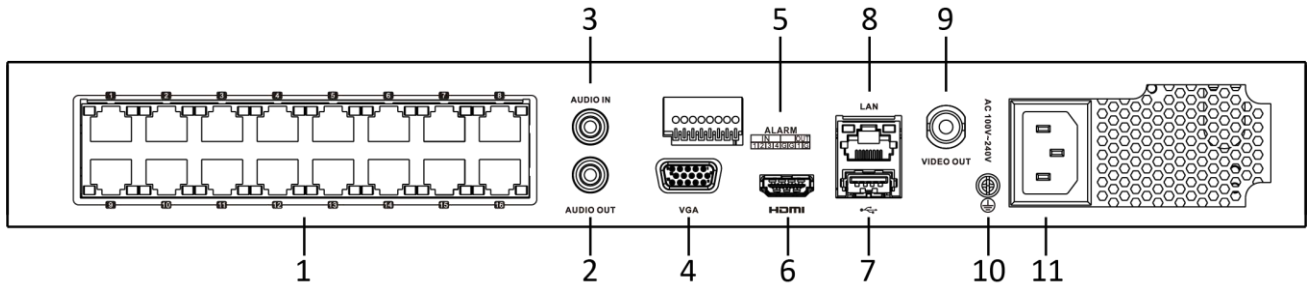
Auxiliary interface	
Serial port	N/A
SATA	2 SATA interfaces
Capacity	Up to 6 TB capacity for each disk
Alarm in/out	4/1
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz
Total power	≤ 180 W                      ≤ 280 W
Consumption (without 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



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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