iDS-7600NXI-I2/8F
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

- 1 self-adaptive 10/10M/1000 Mbps Ethernet interface

Live view and Playback

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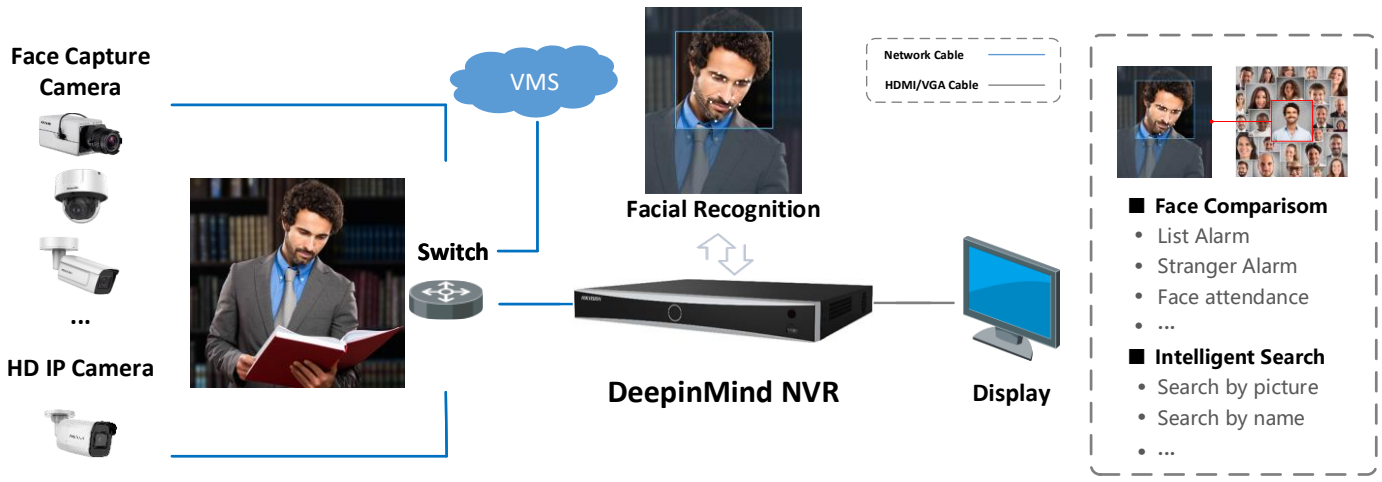- Up to 8/16-ch synchronous playback at 1080p resolution

![HIKVISION]

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-I2/8F	iDS-7616NXI-I2/8F	iDS-7632NXI-I2/8F
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), 3-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 connections	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		
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	12 VDC, 50 to 60 Hz
Total power	≤ 40 W
Consumption (without HDD)	≤ 15 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	385 × 315 × 52 mm (15.2"× 12.4" × 2.0")
Weight (without HDD)	≤ 1 kg (2.2 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
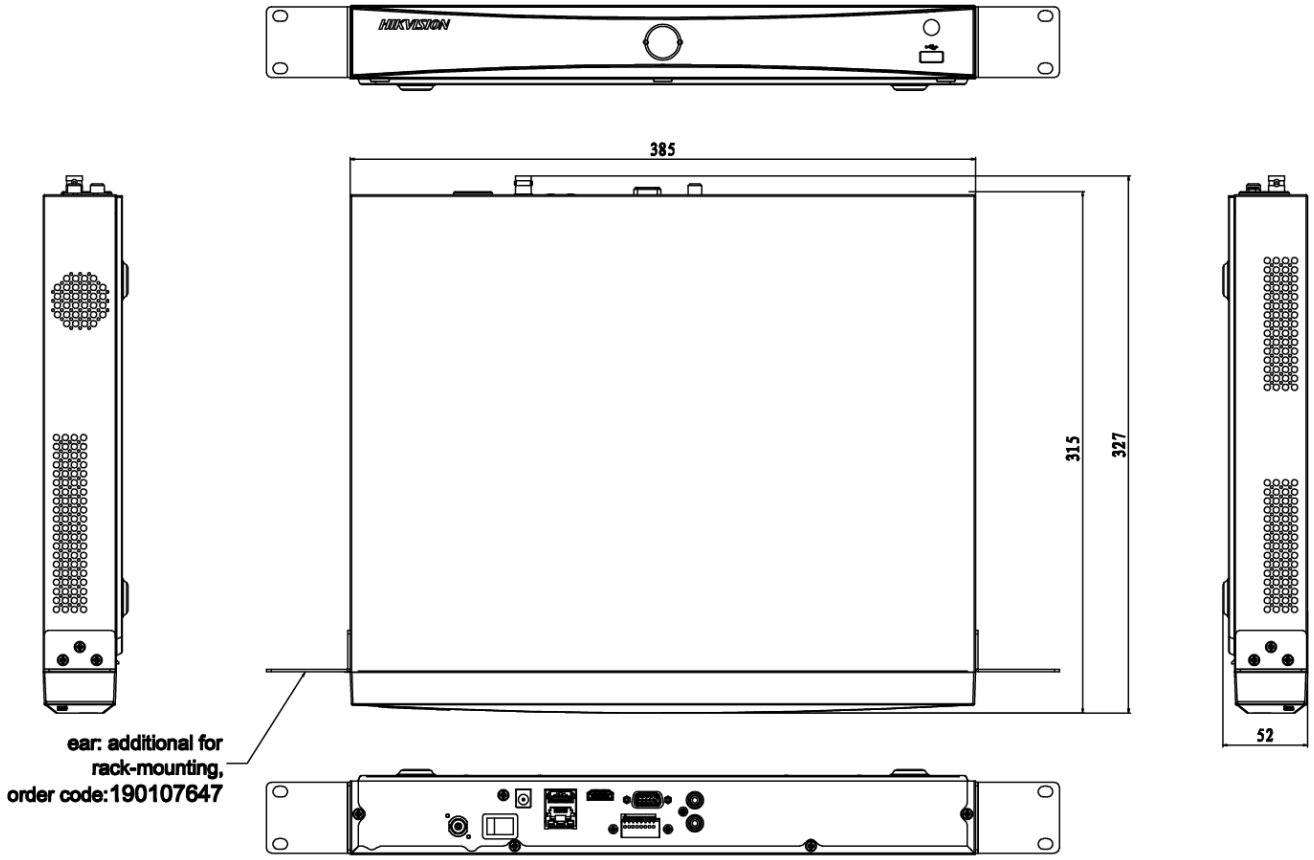
Unit: mm

Physical Interface
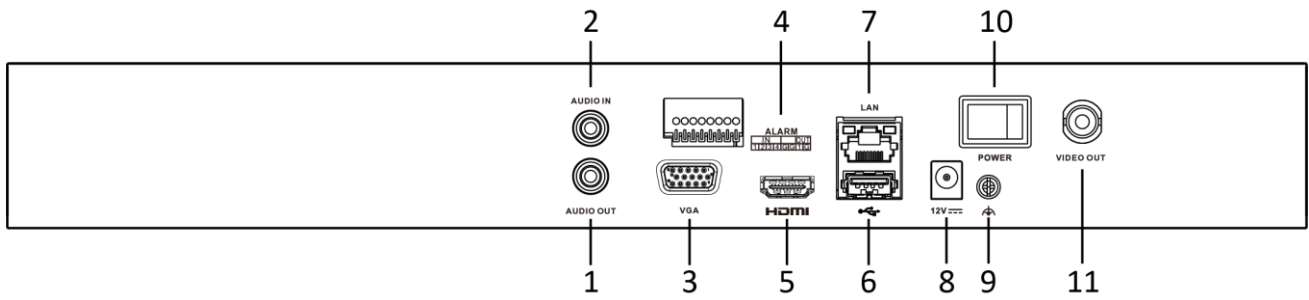
No.	Description	No.	Description
1	AUDIO OUT	7	Network Interface
2	AUDIO IN	8	12 VDC power supply
3	VGA output (DB9 connector)	9	GND
4	Alarm IN/OUT	10	Power switch
5	HDMI interface	11	VIDEO OUT
6	USB 3.0 interface		

Available Model

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

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