

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



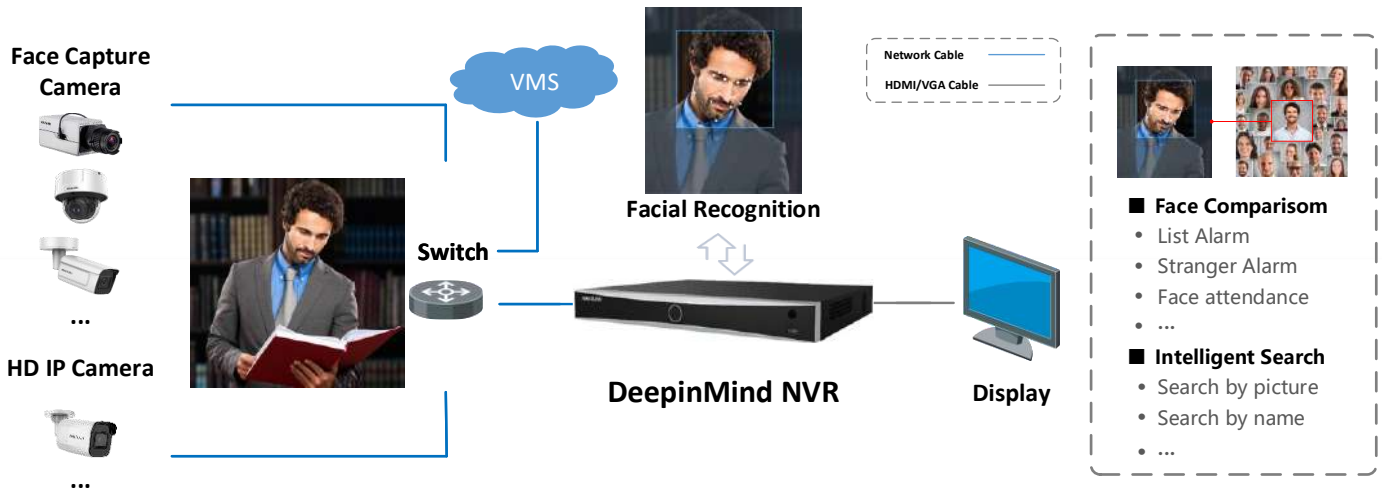
Application and Management

- 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.

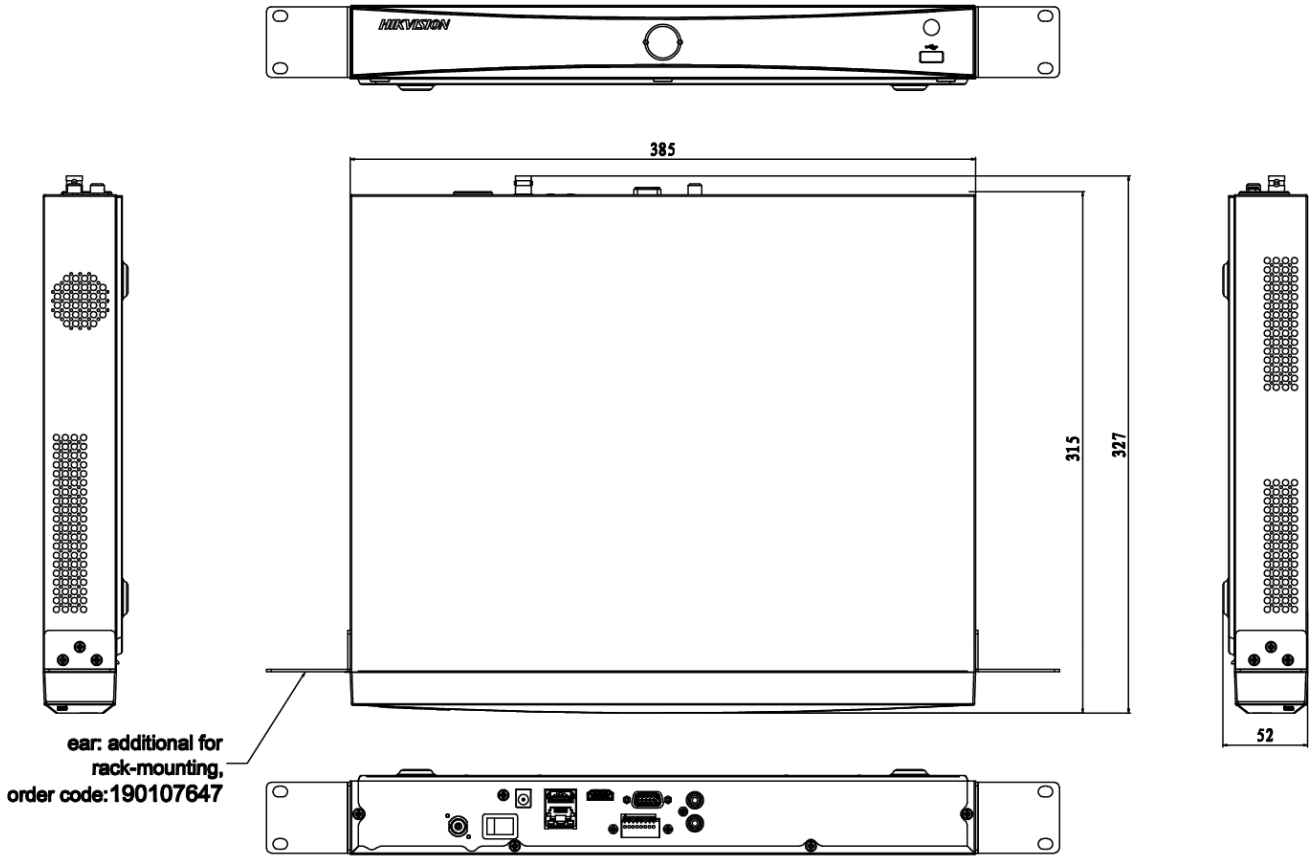


Specification

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		

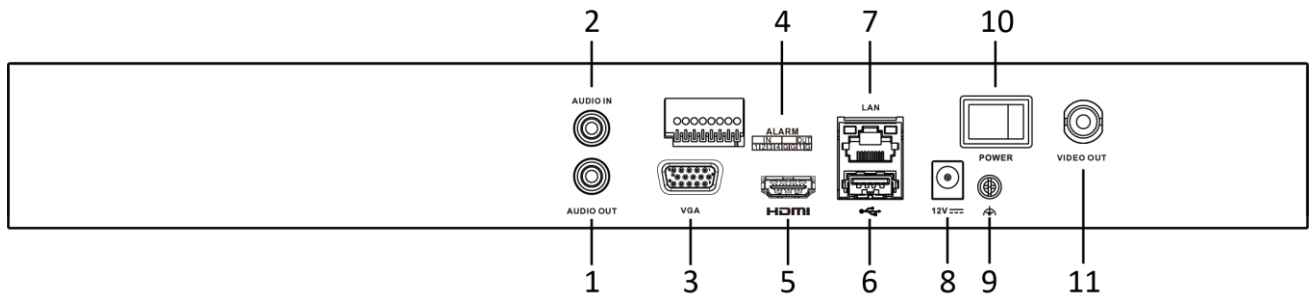
General	
Power supply	12 VDC, 50 to 60 Hz
Total power	≤ 40 W
Consumption (without HDD)	≤ 15 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	385 × 315 × 52 mm (15.2"× 12.4" × 2.0")
Weight (without HDD)	≤ 1 kg (2.2 lb)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN50130-4, EN 61000-3-2,EN 61000-3-3, EN55032:2015

Dimension



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

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28489900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sales.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com