

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





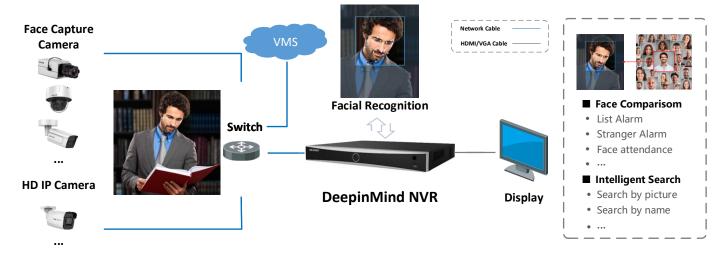
Application and Management

- 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.



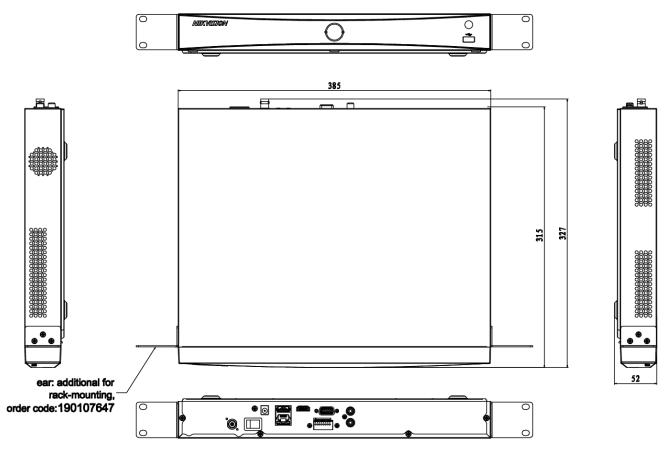
Specification

| Model | iDS-7608NXI-I2/8F | iDS-7616NXI-I2/8F | iDS-7632NXI-12/8F | |
|---|---|-------------------|-------------------|--|
| 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 side a invest | 8-ch | 16-ch | 32-ch | |
| IP video input | Up to 12 MP resolution | | 1 | |
| 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) | t ≤ 15 W | | |
| Working temperature | orking temperature -10 °C to 55 °C (14 °F to 131 °F) | | |
| Working humidity | 10% to 90% | | |
| Dimension (W × D × H) | mension (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 | | |

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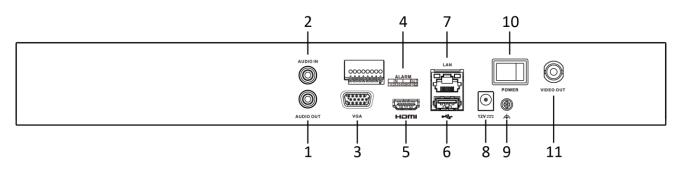
Dimension



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

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