

iDS-7700NXI-I4/16P/16S(B) DeepinMind SERIES NVR



Features and Functions

Human and Vehicle Analysis

Deep learning-based human and vehicle target classification improves false alarm filtering effect

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

- Full channel IP cameras connection
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12MP resolution

HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- Files management
- HDD health monitoring

Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 16 independent PoE network interfaces are provided

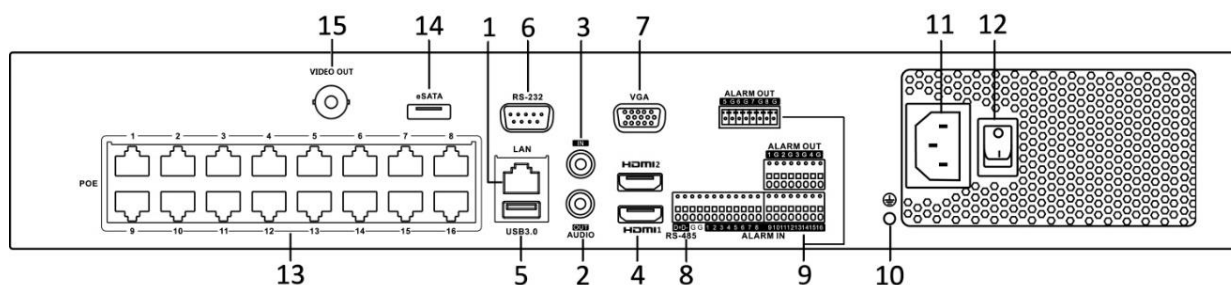


Specifications

| Model | | iDS-7716NXI-I4/16P/16S(B) | iDS-7732NXI-I4/16P/16S(B) |
|------------------------|---------------------------------|---|---------------------------|
| Human/Vehicle analysis | False alarm filtering | Up to 16-ch 2 MP video analysis for human and vehicle recognition to filter false alarm | |
| Video/Audio input | IP video input | 16-ch | 32-ch |
| | | Up to 12 MP resolution | |
| | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 k Ω) | |
| Network | Incoming bandwidth | 320 Mbps | |
| | Outgoing bandwidth | 256 Mbps | |
| | Remote connection | 128 | |
| Video/Audio output | Recording resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF | |
| | CVBS output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | |
| | HDMI1 output resolution | 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560×1440) /60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| | VGA output resolution | 2K (2560×1440) /60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA Simultaneous Output | |
| | HDMI2 output resolution | 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz | |
| | Audio output | 1-ch, RCA (Linear, 1 kΩ) | |
| Decoding | Decoding format | H.265/H.265+/H.264/H.264+/MPEG4 | |
| | Live view / Playback resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF | |
| | Synchronous playback | 16-ch | |
| | Capability | 16-ch @ 1080p | |
| Network management | Network protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | |
| Hard disk | SATA | 4 SATA interfaces | |
| | Capacity | Up to 8 TB capacity for each HDD | |
| | eSATA | 1 eSATA interface | |
| External interface | Network interface | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | |
| | Serial interface | RS-485 (half-duplex), RS-232, Keyboard | |
| | USB interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 | |
| | Alarm in/out | 8/4 | |
| PoE interface | Interface | 16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces | |
| | Power | ≤ 200W | |
| | Supported standard | IEEE 802.3 af/at | |
| General | Power supply | 100 to 240 VAC | |

| | |
|--|---|
| Total power | ≤ 350 W |
| Consumption (without hard disk) | ≤ 30 W |
| Working temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working humidity | 10 to 90 % |
| Chassis | 19-inch rack-mounted 1.5U chassis |
| Dimensions (W × D × H) | 445 × 400 × 71 mm (17.5" × 15.7" × 2.8") |
| Weight (without hard disk) | ≤ 5 kg (11 lb) |

Physical Interfaces



| Index | Description | Index | Description |
|-------|--------------------------------------|-------|-------------------------|
| 1 | LAN Interfaces | 2 | AUDIO OUT |
| 3 | AUDIO IN | 4 | HDMI Interface |
| 5 | USB 3.0 Interface | 6 | RS-232 Serial Interface |
| 7 | VGA Output (DB9 Connector) | 8 | RS-485 Serial Interface |
| 9 | Controller Port, Alarm In/Alarm Out | 10 | GND |
| 11 | 100 to 240 VAC power supply | 12 | Power Switch |
| 13 | Network Interfaces with PoE function | 14 | eSATA Interface |
| 15 | VIDEO OUT | | |

Available Models

iDS-7716NXI-I4/16P/16S(B), iDS-7732NXI-I4/16P/16S(B)

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