

DS-7700NI-I4/P SERIES NVR



Features and Functions

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

- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Up to 32-ch IP cameras can be connected (up to 12 MP)
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space 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 (3840 × 2160) resolution

Storage and Playback

- Up to 4 SATA interfaces connectable for HDD connection
- 8/16-ch synchronous playback at up to 1080p resolution
- Important 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
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

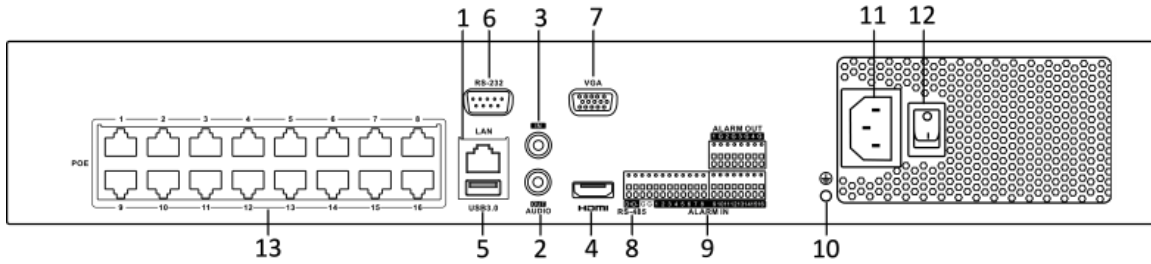
- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 8/16 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE



Specifications

| Model | | DS-7708NI-I4/8P | DS-7716NI-I4/16P | DS-7732NI-I4/16P |
|--------------------|---------------------------------|---|--|------------------|
| Video/Audio input | IP video input | 8-ch | 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 | 80 Mbps | 160 Mbps | 256 Mbps |
| | Outgoing bandwidth | 256 Mbps | | |
| | Remote connection | 32 | 128 | |
| Video/Audio output | Recording resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF | | |
| | CVBS output (Optional) | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | | |
| | HDMI output resolution | 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | |
| | VGA output resolution | 1920 × 1080p/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/3 MP/1080p/UXGA/720p/VGA/4CIF /DCIF/ 2CIF/CIF/QCIF | | |
| | Synchronous playback | 8-ch | 16-ch | 16-ch |
| | Capability | 2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps) | | |
| Network management | Network protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | |
| Hard disk | SATA | 4 SATA interfaces for 4HDDs | | |
| | Capacity | Up to 8TB capacity for each HDD | | |
| External interface | Network interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | | |
| | Serial interface | 1 RS-485 (half-duplex), 1 RS-232 | | |
| | USB interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 | | |
| | Alarm in/out | 16/4 | | |
| POE Interface | Interface | 8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces | 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 | | |
| | Power | ≤300 W | | |
| | Consumption (without hard disk) | ≤20 W (without enabling PoE) | | |
| | Working temperature | -10 °C to 55 °C (14 °F to 131 °F) | | |
| | Working humidity | 10 to 90 % | | |
| | 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 | LAN1 and LAN2 Interfaces | 7 | VGA Output (DB9 Connector) |
| 2 | AUDIO OUT | 8 | RS-485 Serial Interface |
| 3 | AUDIO IN | 9 | Controller Port, Alarm In/Alarm Out |
| 4 | HDMI Interface | 10 | GND |
| 5 | USB 3.0 Interface | 11 | 100 to 240 VAC power supply |
| 6 | RS-232 Serial Interface | 12 | Power Switch |
| 13 | Network Interfaces with PoE function (8 interfaces for DS-7708NI-I4/8P and 16 interfaces for DS-7716NI-I4/16P and DS-7732NI-I4/16P.) | | |

Available Models

DS-7708NI-I4/8P, DS-7716NI-I4/16P, DS-7732NI-I4/16P

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

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

Hikvision Africa
T +27 (0) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

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

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

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

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

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

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

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

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

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