

DS-7600NI-I2/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 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 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 (3840 × 2160) resolution

Storage and Playback

- Up to 2 SATA interfaces 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



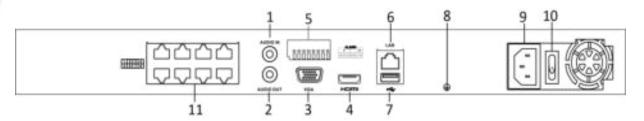


Specifications

| Model | | DS-7608NI-12/8P | DS-7616NI-I2/16P | DS-7632NI-I2/16P | |
|-----------------------|---------------------------------|--|--|------------------------|--|
| 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 | 256Mbps | |
| | Outgoing bandwidth | 256 Mbps | | | |
| | Remote connection | 32 | 128 | | |
| | Recording resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF | | | |
| | CVBS output (Optional) | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 \times 576, NTSC: 704 \times 480 | | | |
| | HDMI 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 | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | |
| | Audio output | Ω) | | | |
| 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 | 8-ch | 16-ch | 16-ch | |
| | Capability | 2-ch @ 12 MP (20fps) 16-ch @ 1080p (30fps | | / 8-ch @ 4MP (30fps) / | |
| Network management | Network protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | | |
| Hard disk | SATA | 2 SATA interfaces | | | |
| Tidi d disk | Capacity | Up to 8TB capacity for each HDD | | | |
| External interface | Network interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | | | |
| | USB interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0 | | | |
| | Alarm in/out | 4/1 | | | |
| POE Interface | Interface | 8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces | 16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces | | |
| | Power | ≤ 120 W | ≤ 200 W | | |
| | Supported standard | IEEE 802.3 af/at | | | |
| General | Power supply | 100 to 240 VAC, 50 to 60 Hz | | | |
| | Power | ≤ 180 W | ≤ 280 W | | |
| | Consumption (without hard disk) | ≤15 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) | 385 × 315× 52 mm (15.2" × 12.4" × 2.0") | | | |
| | Weight (without hard disk) | ≤ 3 kg (6.6 lb) | | | |



Physical Interfaces



| Description | Index | Description | |
|-------------------------------------|--|---|--|
| AUDIO IN | 7 | USB 3.0 Interface | |
| AUDIO OUT | 8 | GND | |
| VGA Output (DB9 Connector) | 9 | 100 to 240 VAC power supply | |
| HDMI Interface | 10 | Power Switch | |
| Controller Port, Alarm In/Alarm Out | | Network Interfaces with PoE function | |
| LAN Interface | 11 | (8 interfaces for DS-7608NI-I2/8P and 16 interfaces for DS-7616NI-I2/16P and DS-7632NI-I2/16P.) | |
| | AUDIO IN AUDIO OUT VGA Output (DB9 Connector) HDMI Interface Controller Port, Alarm In/Alarm Out | AUDIO IN 7 AUDIO OUT 8 VGA Output (DB9 Connector) 9 HDMI Interface 10 Controller Port, Alarm In/Alarm Out | |

Available Models

DS-7608NI-I2/8P, DS-7616NI-I2/16P, DS-7632NI-I2/16P

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