# DS-7600NI-I2 SERIES NVR



## Features and Functions

### Professional and Reliable

● 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

● Up to 32-ch 12 MP IP cameras can be connected

● Connectable to the third-party network cameras

### Compression and Recording

● H.264+ compression effectively reduces the storage space and costs by up to 50%

● 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 connectable for recording and backup

● Smart search for efficient playback

● 8/16-ch synchronous playback at up to 1080p resolution

### 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

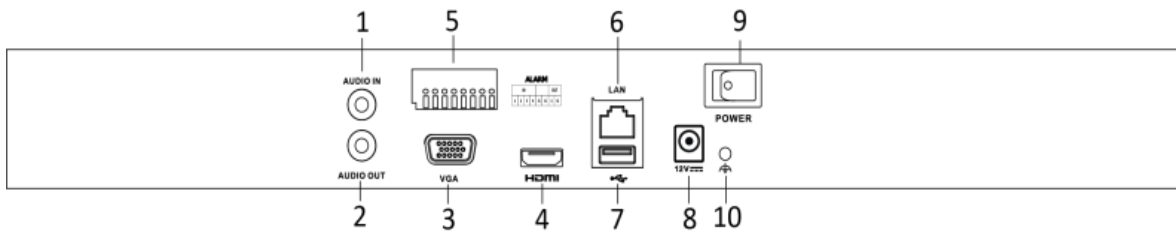● POS triggered recording and alarm

### Network & Ethernet Access

● Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management

● Gigabit Ethernet network interface

# Specifications

| Model | | DS-7608NI-I2 | DS-7616NI-I2 | DS-7632NI-I2 |
|---|---|---|---|---|
| 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 | |
| | 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 | 12-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 Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | |
| Hard disk | SATA | 2 SATA interfaces for 2HDDs | | |
| | Capacity | Up to 6TB 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 | | |
| General | Power supply | 12 VDC | | |
| | Power | ≤40 W | | |
| | Consumption (without hard disk) | ≤15 W | | |
| | Working temperature | -10 to +55º C (+14 to +131º F) | | |
| | Working humidity | 10 to 90 % | | |
| | Chassis | 385 mm chassis | | |
| | Dimensions(W × D × H) | 385 × 315× 52 mm (15.2" × 12.4" × 2.0") | | |
| | Weight(without hard disk) | ≤ 1 kg (2.2 lb) | | |

## Physical Interfaces



| Index | Description | Index | Description |
|-------|-------------|-------|-------------|
| **1** | AUDIO IN | **6** | LAN Interface |
| **2** | AUDIO OUT | **7** | USB 3.0 Interface |
| **3** | VGA Output (DB9 Connector) | **8** | GND |
| **4** | HDMI Interface | **9** | 100 to 240 VAC power supply |
| **5** | Controller Port, Alarm In/Alarm Out | **10** | Power Switch |

## Available Models

DS-7608NI-I2, DS-7616NI-I2, DS-7632NI-I2