

DS-8600NI-K8 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

HD Input

- H.265/ H.265+/H.264//H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

HD Output

- HDMI1/VGA1 and HDMI2/VGA2 independent outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

HD Storage

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

- 2 self-adaptive 10 M/100 M/1000 Mbps network interfaces, and two working modes are configurable: multi-address and network fault tolerance

Various Applications

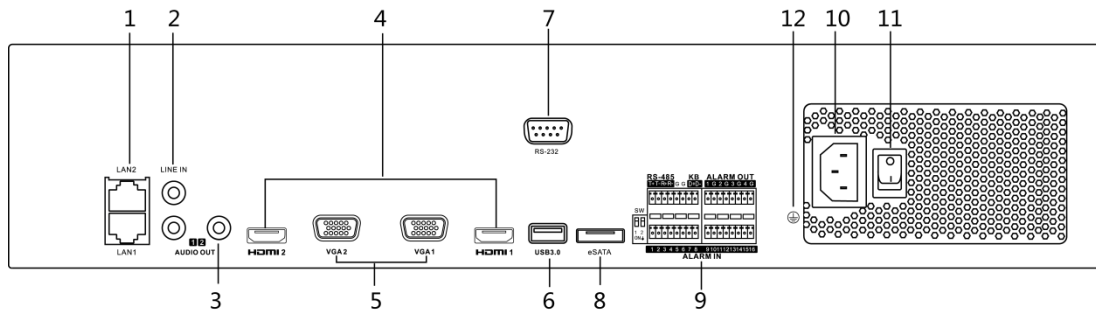
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels



Specifications

| Model | | DS-8608NI-K8 | DS-8616NI-K8 | DS-8632NI-K8 |
|------------------------|---------------------------------|--|--------------|--------------|
| Video/ Audio input | IP video input | 8-ch | 16-ch | 32-ch |
| | Incoming bandwidth | 80 Mbps | 160 Mbps | 256 Mbps |
| | Outgoing bandwidth | 160 Mbps | | |
| Video/ Audio output | VGA1/HDMI1 output resolution | HDMI1: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | |
| | VGA2/HDMI2 output resolution | VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | |
| | Audio output | 2-ch, RCA (Linear, 1 K Ω) | | |
| Decoding | Decoding format | H.265/ H.265+/H.264/H.264+/MPEG4 | | |
| | Recording resolution | 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 @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-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 | 8 SATA interfaces | | |
| | eSATA | 1 eSATA interface | | |
| | Capacity | Up to 6 TB capacity for each HDD | | |
| External interface | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 kΩ) | | |
| | Network interface | 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces | | |
| | Serial interface | RS-232; RS-485; Keyboard | | |
| | USB interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 | | |
| | Alarm in/out | 16/4 | | |
| General | Power supply | 100 to 240 VAC, 50 to 60 Hz | | |
| | Max. Power | 200 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 2U chassis | | |
| | Dimensions (W × D × H) | 445 × 470 × 90 mm (17.5" × 18.5" × 3.5") | | |
| | Weight (without hard disk) | ≤ 8 kg (17.6 lb) | | |

Physical Interfaces



| Index | Description | Index | Description |
|-------|-----------------------|-------|-----------------------------|
| 1 | LAN1/LAN2 Interface | 7 | RS-232 Interface |
| 2 | LINE IN | 8 | eSATA Interface |
| 3 | AUDIO OUT | 9 | Alarm In/Alarm Out |
| 4 | HDMI1/HDMI2 Interface | 10 | 100 to 240 VAC power supply |
| 5 | VGA1/VGA2 Interface | 11 | Power Switch |
| 6 | USB 3.0 Interface | 12 | GND |

Available Models

DS-8608NI-K8, DS-8616NI-K8, DS-8632NI-K8

Distributed by



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