# DS-7600NI-K2 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.264/H.264+/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 16 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**

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

**HD Storage**

- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

**HD Transmission**

- 1 self-adaptive 10M/100M/1000M network interface
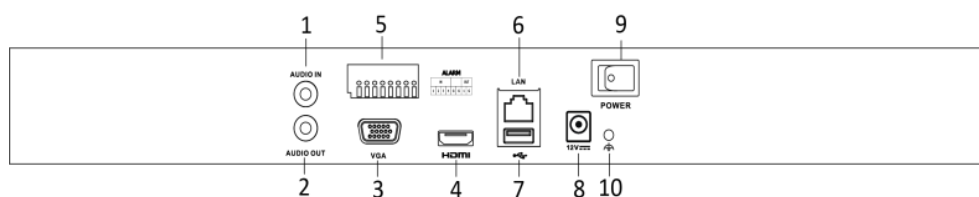
**Various Applications**

- 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-7608NI-K2 | DS-7616NI-K2 |
|---|---|---|---|
| **Video/ Audio input** | IP video input | 8-ch | 16-ch |
| | Incoming bandwidth | 80 Mbps | 160 Mbps |
| | Outgoing bandwidth | 160 Mbps | |
| **Video/ Audio output** | HDMI output resolution | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | |
| | VGA 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.264/H.264+/MPEG4 | |
| | Recording resolution | 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF | |
| | Synchronous playback | 8-ch | 16-ch |
| | Capability | 2-ch @ 4K, or 8-ch @ 1080p | |
| **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 disk | |
| **External interface** | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1kΩ) | |
| | 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 | |
| | Power supply | 12 VDC | |
| **General** | Power | ≤ 40 W | |
| | Consumption (without hard disk) | ≤15 W | |
| | Working temperature | -10 to +55ºC (14 to 131ºF ) | |
| | 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 Network Interface |
| **2** | AUDIO OUT | **7** | USB 3.0 Interface. |
| **3** | VGA Interface | **8** | GND |
| **4** | HDMI Interface | **9** | 12 VDC power supply |
| **5** | Controller Port, Alarm In/Alarm Out | **10** | Power Switch |

# Available Models

DS-7608NI-K2, DS-7616NI-K2

Distributed by