

## **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



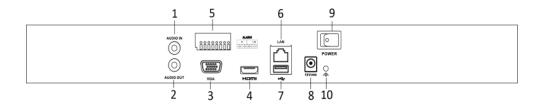


# Specifications

| Model                  |                                       | DS-7608NI-K2   | DS-7616NI-K2 |  |
|------------------------|---------------------------------------|--|--------------|--|
|                        | IP video input                        | 8-ch   | 16-ch        |  |
| Video/<br>Audio input  | Incoming<br>bandwidth                 | 80 Mbps  | 160 Mbps     |  |
|                        | Outgoing<br>bandwidth                 | 160 Mbps   |              |  |
| Video/<br>Audio output | HDMI output resolution                | 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz,<br>1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×<br>768/60Hz |              |  |
|                        | VGA output<br>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/2CI<br>F/CIF/QCIF  |              |  |
|                        | Synchronous<br>playback               | 8-ch   | 16-ch        |  |
|                        | Capability                            | 2-ch @ 4K, or 8-ch @ 1080p   |              |  |
| Network<br>management  | Network<br>protocols                  | TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS,<br>iSCSI, UPnP™, HTTPS   |              |  |
| Hard disk              | SATA                                  | 2 SATA interfaces for 2HDDs  |              |  |
|                        | Capacity                              | Up to 6TB capacity for each disk   |              |  |
|                        | Two-way audio                         | 1-ch, RCA (2.0 Vp-p, 1kΩ)  |              |  |
| External<br>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  |              |  |
|                        | Power supply                          | 12 VDC   |              |  |
|                        | Power                                 | ≤ 40 W   |              |  |
|                        | Consumption<br>(without hard<br>disk) | ≤15 W  |              |  |
|                        | Working<br>temperature                | -10 to +55ºC (14 to 131ºF )  |              |  |
| General                | Working humidity                      | 10 to 90 %   |              |  |
|                        | Chassis                               | 385 mm chassis   |              |  |
|                        | Dimensions<br>(W × D × H)             | 385 × 315× 52 mm (15.2" × 12.4" × 2.0")  |              |  |
|                        | Weight<br>(without hard<br>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

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