

## DS-7600NI-K2/P 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/1000 Mbps network interface
- 8/16 independent PoE network interfaces are provided

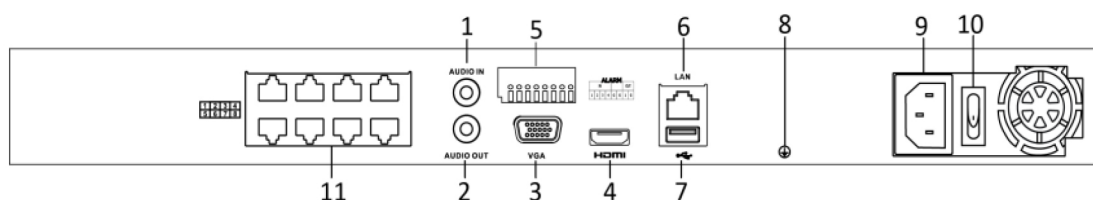
#### Various Applications

- 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-K2/8P                                                                                                                      | DS-7616NI-K2/16P                                       |
|------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Video/<br>Audio input  | IP video input                  | 8-ch                                                                                                                                 | 16-ch                                                  |
|                        | Incoming bandwidth              | 80 Mbps                                                                                                                              | 160 Mbps                                               |
|                        | Outgoing bandwidth              | 160 Mbps                                                                                                                             |                                                        |
| Video/<br>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/2 CIF/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                                                                                                                                  |                                                        |
| 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                                                                                                                       |                                                        |
|                        | Power                           | ≤ 180 W                                                                                                                              | ≤ 280 W                                                |
|                        | Consumption (without hard disk) | ≤ 15 W                                                                                                                               |                                                        |
|                        | Working temperature             | -10 to +55° C (14 to 131° 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)      | ≤ 3 kg (6.6 lb)                                                                                                                      |                                                        |

## Physical Interfaces



The DS-7616NI-K2/16P and DS-7632NI-K2/16P provide 16 network Interfaces with PoE function.

| Index | Description                         | Index | Description                          |
|-------|-------------------------------------|-------|--------------------------------------|
| 1     | AUDIO IN                            | 7     | USB 3.0 Interface.                   |
| 2     | AUDIO OUT                           | 8     | GND                                  |
| 3     | VGA Interface                       | 9     | 100 to 240 VAC power supply          |
| 4     | HDMI Interface                      | 10    | Power Switch                         |
| 5     | Controller Port, Alarm In/Alarm Out | 11    | Network Interfaces with PoE function |
| 6     | LAN Network Interface               |       |                                      |

## Available Models

DS-7608NI-K2/8P, DS-7616NI-K2/16P.