

## DS-7600NI-K1 (B) SERIES NVR



### Features and Functions

#### HD Input

- H.265+/H.265/H.264/H.264+ video formats
- Connectable to the third-party network cameras
- Up to 16 IP cameras can be connected
- Recording at up to 8 MP resolution
- Live view, storage, and playback of the connected camera at up to 8 MP resolution

#### HD Output

- HDMI/VGA simultaneous output (DS-7604NI- K1 (B))
- HDMI and VGA independent outputs (DS-7608NI-K1 (B) and DS-7616NI- K1 (B))
- HDMI Video output at up to 4K (3840 × 2160) resolution

#### HD Storage

- 1 SATA interface connectable for recording and backup
- H.265+ compression effectively reduces the storage space and costs by up to 75%

#### HD Transmission

- 1 self-adaptive 10/100/1000 Mbps network interface

#### Various Applications

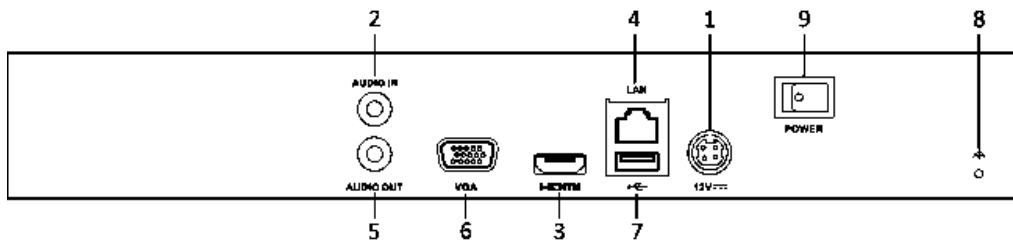
- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm 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
- Hik-Connect for easy network management



## Specifications

| Model                     |                                 | DS-7604NI-K1 (B)                                                                                                                                      | DS-7608NI-K1 (B)                                                                                                     | DS-7616NI-K1 (B) |
|---------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------|
| Video/Audio input         | IP video input                  | 4-ch                                                                                                                                                  | 8-ch                                                                                                                 | 16-ch            |
|                           |                                 | Up to 8 MP resolution                                                                                                                                 |                                                                                                                      |                  |
|                           | Two-way audio                   | 1-ch, RCA (2.0 Vp-p, 1 k Ω)                                                                                                                           |                                                                                                                      |                  |
| Network                   | Incoming bandwidth              | 40 Mbps                                                                                                                                               | 80 Mbps                                                                                                              | 160 Mbps         |
|                           | Outgoing bandwidth              | 80 Mbps                                                                                                                                               |                                                                                                                      |                  |
| Video/Audio output        | Recording resolution            | 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                 |                                                                                                                      |                  |
|                           | HDMI output resolution          | 1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;<br>HDMI/VGA simultaneous output | 1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |                  |
|                           | VGA output resolution           | 1-ch, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; HDMI/VGA simultaneous output                           | 1-ch, 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 | 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF                                                                                 |                                                                                                                      |                  |
|                           | Synchronous playback            | 4-ch                                                                                                                                                  | 8-ch                                                                                                                 | 16-ch            |
|                           | Capability                      | 1-ch @ 8 MP / 4-ch @ 1080p                                                                                                                            |                                                                                                                      |                  |
| Network management        | Network protocols               | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS                                                                       |                                                                                                                      |                  |
| Hard disk                 | SATA                            | 1 SATA interface                                                                                                                                      |                                                                                                                      |                  |
|                           | Capacity                        | Up to 6TB capacity for each disk                                                                                                                      |                                                                                                                      |                  |
| External interface        | Network interface               | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                            |                                                                                                                      |                  |
|                           | USB interface                   | 2 × USB 2.0                                                                                                                                           |                                                                                                                      |                  |
| General                   | Power supply                    | 12 VDC                                                                                                                                                |                                                                                                                      |                  |
|                           | Power                           | ≤ 18W                                                                                                                                                 |                                                                                                                      |                  |
|                           | Consumption (without hard disk) | ≤ 10 W                                                                                                                                                |                                                                                                                      |                  |
|                           | Working temperature             | -10 to +55° C (+14 to +131° F)                                                                                                                        |                                                                                                                      |                  |
|                           | Working humidity                | 10 to 90 %                                                                                                                                            |                                                                                                                      |                  |
|                           | Chassis                         | 1U chassis                                                                                                                                            |                                                                                                                      |                  |
|                           | Dimensions (W × D × H)          | 315 × 240 × 48 mm (12.4" × 9.4" × 1.9")                                                                                                               |                                                                                                                      |                  |
| Weight(without hard disk) | ≤ 1 kg (2.2 lb)                 |                                                                                                                                                       |                                                                                                                      |                  |

## Physical Interfaces



| Index | Description           | Index | Description   |
|-------|-----------------------|-------|---------------|
| 1     | Power Supply          | 6     | VGA Interface |
| 2     | Audio In              | 7     | USB Interface |
| 3     | HDMI Interface        | 8     | Ground        |
| 4     | LAN Network Interface | 9     | Power Switch  |
| 5     | Audio Out             |       |               |

## Available Models

DS-7604NI-K1 (B), DS-7608NI-K1 (B), DS-7616NI-K1 (B)

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