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

HD Storage
- 1 SATA interface 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/100Mbps 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

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<th>HDMI/VGA output resolution</th>
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<tr>
<td>DS-7604NI-K1</td>
<td>4-ch</td>
<td>40 Mbps</td>
<td>80 Mbps</td>
<td>HDMI: 4K (3840 x 2160)/30Hz, 1920 x 1080/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz</td>
<td>1-ch, RCA (Linear, 1 kΩ)</td>
</tr>
<tr>
<td>DS-7608NI-K1</td>
<td>8-ch</td>
<td>60 Mbps</td>
<td></td>
<td>1920 x 1080/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz</td>
<td></td>
</tr>
<tr>
<td>DS-7616NI-K1</td>
<td>16-ch</td>
<td>80 Mbps</td>
<td></td>
<td></td>
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</tr>
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### Decoding
- **Decoding format**: H.265/H.264/H.264+
- **Recording resolution**: 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/QCIF
- **Synchronous playback**: 4-ch, 8-ch, 16-ch
- **Capability**: 2-ch @ 4 MP (30fps)

### Network management
- **Network protocols**: TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS

### Hard disk
- **SATA**: 1 SATA interface for 1HDD
- **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 M/100 Mbps self-adaptive Ethernet interface
- **USB interface**: 2 x USB 2.0
- **Power supply**: 12 VDC

### General
- **Consumption (without hard disk)**: ≤ 10 W
- **Working temperature**: -10 to +55° C (14 to 131° F)
- **Working humidity**: 10 to 90 %
- **Chassis**: 260 mm chassis
- **Dimensions (W x D x H)**: 260 x 225 x 48 mm (10.2" x 8.9" x 1.9"")
- **Weight (without hard disk)**: ≤ 1 kg (2.2 lb)
## Physical Interfaces

**DS-7600NI-K1**

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<td>Ground</td>
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## Available Models

DS-7604NI-K1, DS-7608NI-K1, DS-7616NI-K1