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
- Connectable to the third-party network cameras
- Up to 32 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
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth)
- 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
- Hik-Connect for easy network management
# Specifications

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<td>DS-7608NI-K2/8P</td>
<td>IP video input: 8-ch</td>
<td>HDMI output resolution: 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz</td>
<td>Decoding format: H.265/H.265+/H.264/H.264+/MPEG4</td>
<td>Network protocols: TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS</td>
<td>2 SATA interfaces</td>
<td>Two-way audio: 1-ch, RCA (2.0 Vp-p, 1kΩ)</td>
<td>Interface: 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface</td>
<td>Power supply: 100 to 240 VAC</td>
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<td>DS-7616NI-K2/16P</td>
<td>Incoming bandwidth: 80 Mbps</td>
<td>VGA output resolution: 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz</td>
<td>Recording resolution: 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/QCIF</td>
<td>Capacity: Up to 6 TB capacity for each HDD</td>
<td></td>
<td></td>
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<td>Power: ≤ 180 W</td>
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<td>DS-7632NI-K2/16P</td>
<td>Outgoing bandwidth: 160 Mbps</td>
<td>Audio output: 1-ch, RCA (Linear, 1 kΩ)</td>
<td>Synchronous playback: 8-ch</td>
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<td></td>
<td></td>
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<td>Consumption (without hard disk): ≤ 15 W (without enabling PoE)</td>
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### Video/Audio input

- **IP video input:** 8-ch, 16-ch, 32-ch
- **Incoming bandwidth:** 80 Mbps, 160 Mbps, 256 Mbps
- **Outgoing bandwidth:** 160 Mbps

### Video/Audio output

- **HDMI output resolution:** 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1600 x 1200/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
- **VGA output resolution:** 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz
- **Audio output:** 1-ch, RCA (Linear, 1 kΩ)

### Decoding

- **Decoding format:** H.265/H.265+/H.264/H.264+/MPEG4
- **Recording resolution:** 8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/QCIF
- **Synchronous playback:** 8-ch, 16-ch, 16-ch
- **Capability:** 2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)

### Network management

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

### Hard disk

- **SATA:** 2 SATA interfaces
- **Capacity:** Up to 6 TB capacity for each HDD

### 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 interface, 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
- **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 (without enabling PoE)
- **Working temperature:** -10 °C to 55 °C (14 °F to 131 °F)
- **Working humidity:** 10 to 90 %
- **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.

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Available Models


Distributed by

Hikvision USA
T +1-908-865-9400
salesusa@hikvision.com

Hikvision Italy
T +39-0408-8902
info.it@hikvision.com

Hikvision Singapore
T +65-8084-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-885-0400
sales.ca@hikvision.com

Hikvision Russia
T +7-495-669-87-99
salesru@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Russia
T +7-495-669-87-99
salesru@hikvision.com

Hikvision Poland
T +48-22-490-01-50
poland@hikvision.com

Hikvision Indonesia
T +62-21-737-8841
sales.indonesia@hikvision.com

Hikvision India
T +91-22-28469000
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3316-0950
latam.support@hikvision.com