

DS-7716NI-K4/16P Series NVR

Key Feature

- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity
- Plug & play with 16 power-over-Ethernet (PoE) interfaces
- Up to 160 incoming bandwidth



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 16-ch synchronous playback

Smart Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.) and ANPR

Network & Ethernet Access

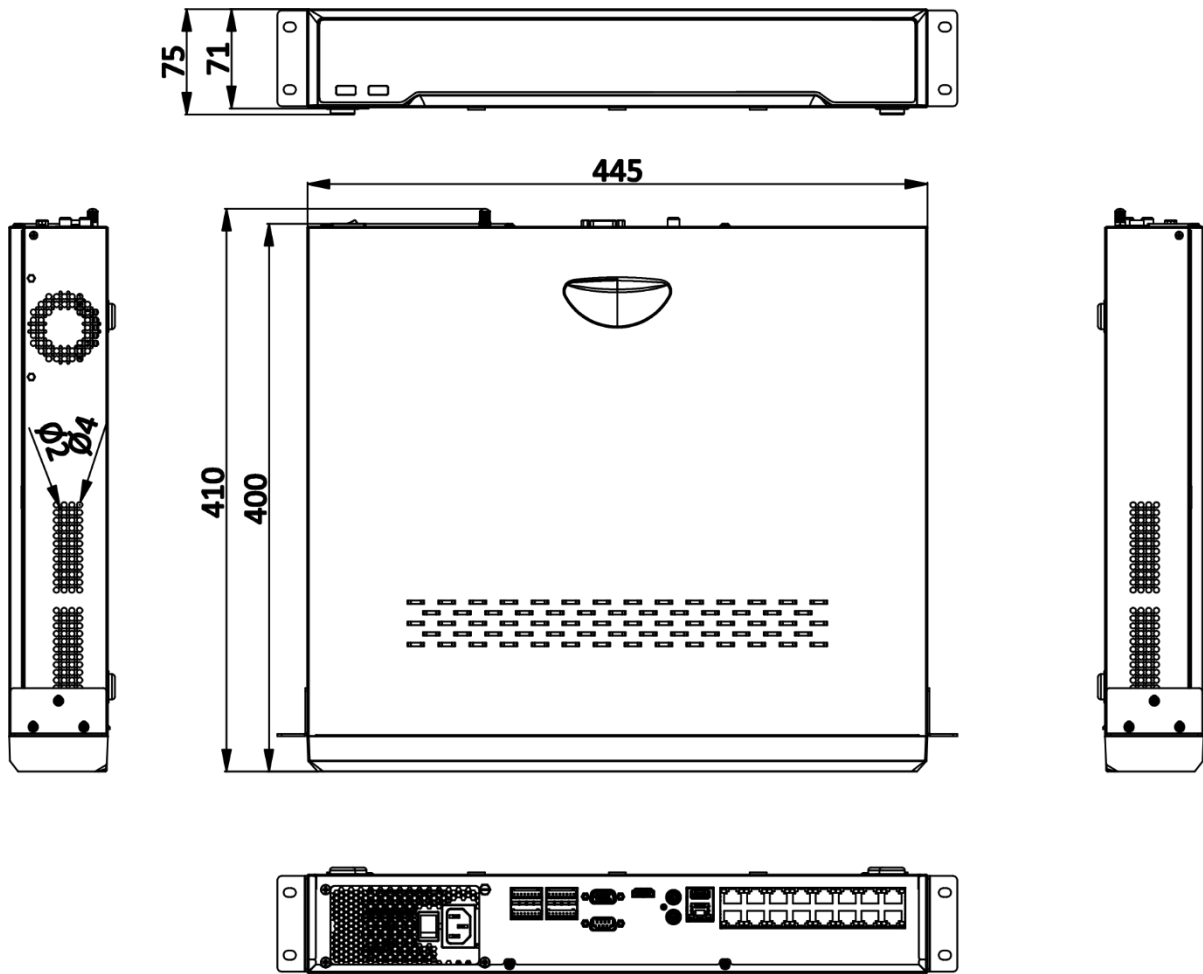
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- 16 independent PoE network interfaces
- Hik-Connect for easy network management

▪ Specification

| Video and Audio | |
|----------------------|--|
| IP Video Input | 16-ch Up to 8 MP resolution |
| Incoming Bandwidth | 160 Mbps |
| Outgoing Bandwidth | 160 Mbps |
| HDMI Output | 1-ch, 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 | 1-ch, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| Video Output Mode | HDMI/VGA independent output |
| Audio Output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 K Ω , using the audio input) |
| Decoding | |
| Decoding Format | H.265/ H.265+/H.264/H.264+ |
| Recording Resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/ 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Synchronous Playback | 16-ch |
| Decoding Capability | 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps) |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC |
| Network | |
| Remote Connection | 128 |
| Network Protocol | TCP/IP, DHCP, IPv4, Hik-Connect, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS |
| Network Interface | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| PoE | |
| Interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Power | ≤ 200 W |
| Standard | IEEE 802.3 af/at |
| Auxiliary Interface | |
| Serial Interface | 2 RS-485 (half-duplex), 1 RS-232 |
| SATA | 4 SATA interfaces |
| Capacity | Up to 10 TB capacity for each HDD |
| Alarm In/Out | 16/4 (16/9 is optional) |
| USB Interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 |
| Ctrl 12V | N/A (optional to support) |
| DC 12V | N/A (optional to support) |

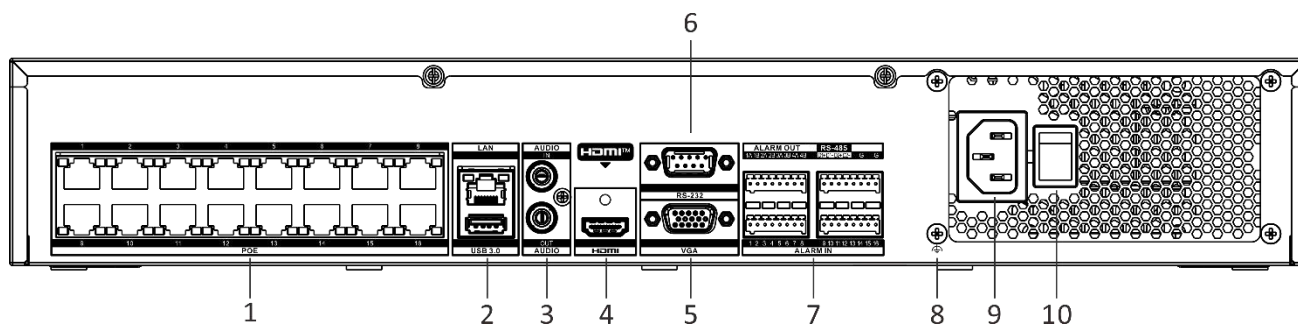
| General | |
|------------------------|--|
| Power Supply | 100 to 240 VAC, 50 to 60Hz |
| Consumption | ≤ 20 W (without HDD and PoE off) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Dimension (W × D × H) | 445 × 400 × 71 mm (17.5"× 15.7" × 2.8") |
| Weight | ≤ 5 kg (without HDD, 11 lb.) |
| Certification | |
| FCC | Part 15 Subpart B, ANSI C63.4-2014 |
| CE | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017 |
| Obtained Certification | CE, KC, WEEE, REACH, ROHS, CB, LOA |

Dimension



scale/1:1;Unit/mm

Physical Interface



| No. | Description | No. | Description |
|-----|--------------------------------------|-----|---------------------------------|
| 1 | Network interfaces with PoE function | 6 | RS-232 interface |
| 2 | LAN interface and USB 3.0 interface | 7 | Alarm in, alarm out, and RS-485 |
| 3 | Audio out and audio in | 8 | GND |
| 4 | HDMI interface | 9 | 100 to 240 VAC power supply |
| 5 | VGA interface | 10 | Power switch |

Available Model

DS-7716NI-K4/16P

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