

## DS-7716NXI-K4/16P

### 16-ch 1.5U 16 PoE K Series AcuSense 4K

#### Key Feature

- Up to 16-ch IP camera inputs, plug & play with 16 power-over-Ethernet (PoE) interfaces
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 3-ch@8 MP or 6-ch@4 MP or 12-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs



#### Smart Function

- All channels support Motion Detection 2.0
- 2-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

#### 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

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

#### Network & Ethernet Access

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

## ▪ Specification

| Intelligent Analytics                      |   |
|--|---|
| AI by Device                               | Facial recognition, perimeter protection, motion detection 2.0  |
| AI by Camera                               | Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA                                       |
| Facial Recognition                         |   |
| Facial Detection and Analytics             | Face picture comparison, human face capture, face picture search  |
| Face Picture Library                       | Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)                          |
| Facial Detection and Analytics Performance | 1-ch, 8 MP  |
| Face Picture Comparison                    | 4-ch  |
| Motion Detection 2.0                       |   |
| By Device                                  | All channels, up to 4 MP (when enhanced SVC mode is enabled, up to 8 MP) video analysis for human and vehicle recognition to reduce false alarm |
| By Camera                                  | All channels  |
| Perimeter Protection                       |   |
| By Device                                  | 2-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm                              |
| By Camera                                  | All channels  |
| Video and Audio                            |   |
| IP Video Input                             | 16-ch   |
| 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, 1280 × 1024/60Hz, 1280 × 720/60Hz   |
| Video Output Mode                          | HDMI/VGA independent output   |
| CVBS Output                                | N/A   |
| Audio Output                               | 1-ch, RCA (Linear, 1 KΩ)  |
| Two-Way Audio                              | 1-ch, RCA (2.0 Vp-p, 1 KΩ, 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   |

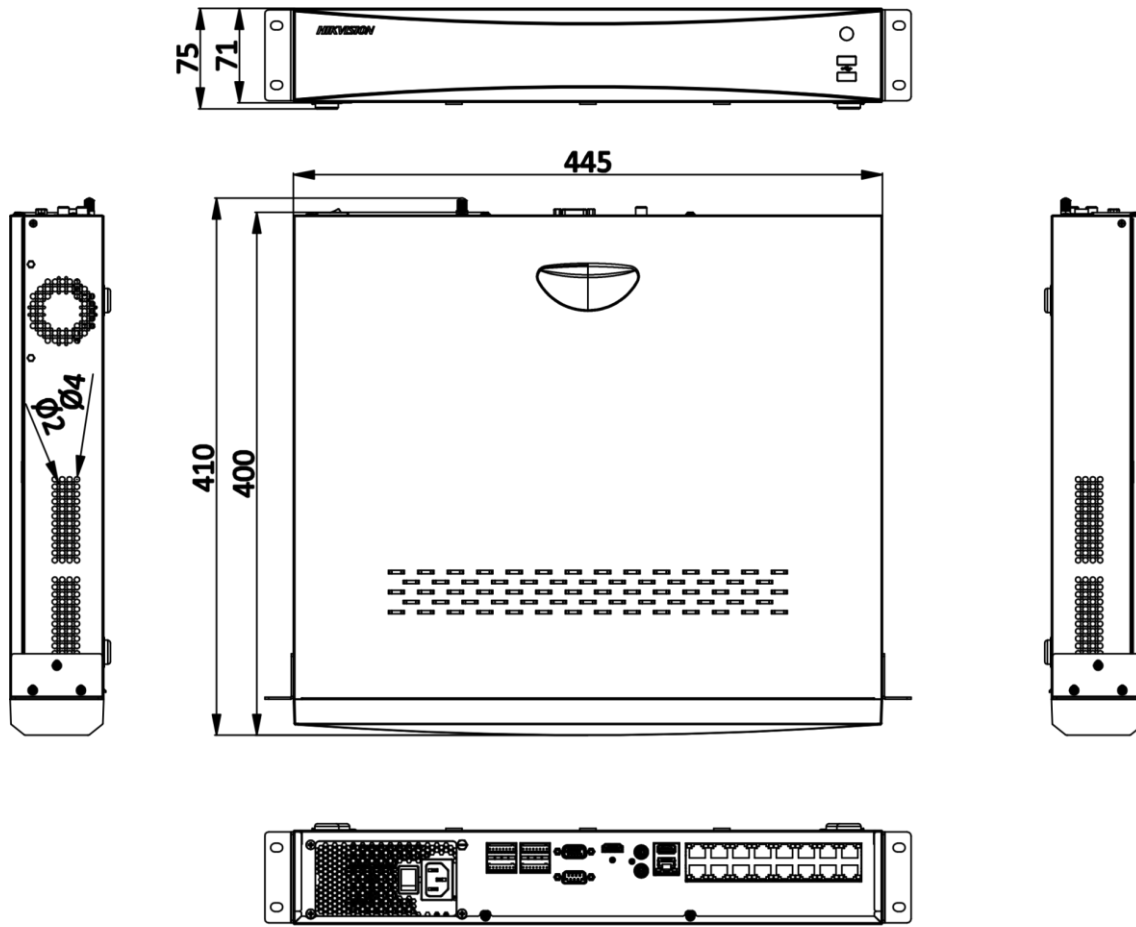
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| Decoding Capability        | AI on: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30 fps)<br>AI off: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)   |
| Stream Type                | Video, Video & Audio   |
| Audio Compression          | G.711ulaw/G.711alaw/G.722/G.726/AAC  |
| <b>Network</b>             |  |
| Remote Connection          | 128  |
| API                        | ONVIF (profile S/G); SDK; ISAPI  |
| Compatible Browser         | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version  |
| Network Protocol           | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, SNMP v2c/v3  |
| Network Interface          | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface  |
| <b>PoE</b>                 |  |
| Interface                  | 16   |
| Power                      | ≤ 200 W  |
| Standard                   | IEEE 802.3af/at  |
| <b>Auxiliary Interface</b> |  |
| SATA                       | 4 SATA interfaces  |
| Capacity                   | Up to 10 TB capacity for each HDD  |
| Serial Interface           | 2 RS-485 (half-duplex), 1 RS-232   |
| 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)  |
| <b>General</b>             |  |
| GUI Language               | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian |
| 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 × 75 mm ( 17.5"× 15.7" × 3.0")   |

|                        |  |
|------------------------|--|
| Weight                 | ≤ 5 kg (without HDD, 11 lb.)   |
| <b>Certification</b>   |  |
| 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, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS        |

**Note:**

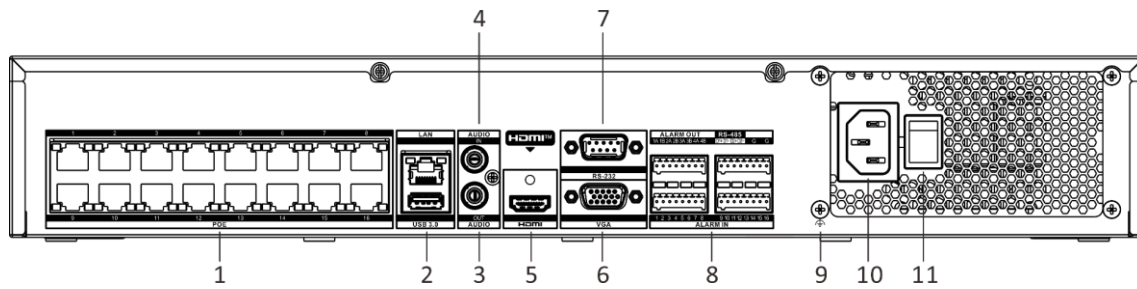
- Alarm in/out can be optional for certain models. If you select a device model with "/Alarm16+9", then the device will have 16 alarm inputs and 9 alarm outputs.
- Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.

# Dimension



scale/1:1;Unit/mm

## Physical Interface



| No. | Description                          | No. | Description                    |
|-----|--------------------------------------|-----|--------------------------------|
| 1   | Network interfaces with PoE function | 7   | RS-232 serial interface        |
| 2   | USB 3.0 interface and LAN interface  | 8   | Alarm in, alarm out and RS-485 |
| 3   | Audio out                            | 9   | GND                            |
| 4   | Audio in                             | 10  | Power supply                   |
| 5   | HDMI interface                       | 11  | Power switch                   |
| 6   | VGA interface                        |     |                                |

## Available Model

DS-7716NXI-K4/16P

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