

**DS-7732NXI-K4/16P/VPro**  
**32-ch 1.5U 16 POE AcuSense K VPro NVR**



- Up to 32-ch AcuSeek and AcuSearch function
- Adopt Hikvision AcuSense technology to minimize manual effort and security costs
- Accurate perimeter protection effectively reduces false alarms
- Automatic cameras connection and configuration
- Up to 3-ch@12 MP or 6-ch@8 MP or 12-ch@4 MP or 24-ch@1080p decoding capacity,
- Up to 32-ch IP camera inputs, plug & play with 16 Power-over-Ethernet (PoE) interfaces
- Up to 256 Mbps incoming bandwidth
- H.265/ H.265+/H.264/H.264+ video formats
- Up to 4-ch IP speakers can be connected

## ▪ Function

### Smart Function

- 1-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 2-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 16 TB)
- 16-ch synchronous playback

### Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect for easy network management

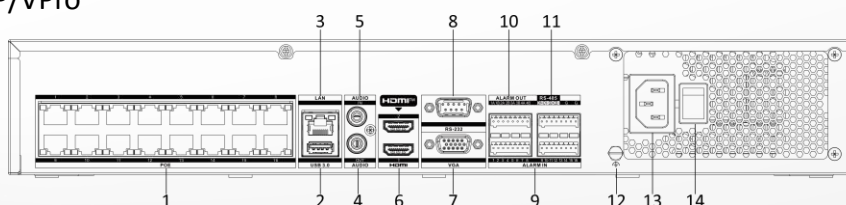
## ▪ Specification

|                                            |                                                                                                                                                     |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intelligent Analytics</b>               |                                                                                                                                                     |
| AI by NVR                                  | Facial recognition, perimeter protection, motion detection 2.0                                                                                      |
| AI by Camera                               | Facial recognition, perimeter protection, motion detection 2.0, ANPR, VCA                                                                           |
| <b>Facial Recognition</b>                  |                                                                                                                                                     |
| 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 50,000 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 1 GB)                              |
| Facial Detection and Analytics Performance | Up to 4 MP: 2-ch;<br>8 MP to 5 MP: 1-ch                                                                                                             |
| Face Picture Comparison                    | 8-ch                                                                                                                                                |
| <b>AcuSearch</b>                           |                                                                                                                                                     |
| By Camera                                  | All channels<br>*: The camera should enable AcuSearch function                                                                                      |
| By NVR                                     | Up to 32-ch                                                                                                                                         |
| <b>Motion Detection 2.0</b>                |                                                                                                                                                     |
| By NVR                                     | 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                                                                                                                                        |
| <b>Perimeter Protection</b>                |                                                                                                                                                     |
| By NVR                                     | Video analysis (HD network camera, H.264/H.265) for human and vehicle recognition to reduce false alarm.<br>Up to 4 MP: 2-ch;<br>8 MP to 5 MP: 1-ch |
| By Camera                                  | All channels                                                                                                                                        |
| <b>Video and Audio</b>                     |                                                                                                                                                     |
| IP Video Input                             | 32-ch                                                                                                                                               |
| IP Speaker Input                           | 4-ch                                                                                                                                                |
| Incoming Bandwidth                         | 256 Mbps                                                                                                                                            |
| Outgoing Bandwidth                         | 100 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)                                                                                                   |
| <b>Decoding</b>                            |                                                                                                                                                     |
| Decoding Format                            | H.265, H.265+, H.264, H264+                                                                                                                         |
| 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        | AI on: 2-ch@12MP (30fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p(30 fps)<br>AI off: 3-ch@12MP (30fps)/5-ch@8 MP (30 fps)/10-ch@4 MP (30 fps)/20-ch@1080p(30 fps)                                                                                                                                                                                                          |
| Stream Type                | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                |
| Audio Compression          | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2                                                                                                                                                                                                                                                                                                                                           |
| <b>Network</b>             |                                                                                                                                                                                                                                                                                                                                                                                     |
| Remote Connection          | 128                                                                                                                                                                                                                                                                                                                                                                                 |
| API                        | ONVIF (profileS/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, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                                                                                                                                                                                                                                              |
| Network Interface          | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces                                                                                                                                                                                                                                                                                                                          |
| <b>PoE</b>                 |                                                                                                                                                                                                                                                                                                                                                                                     |
| Interface                  | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                                                                              |
| Power                      | ≤ 200W                                                                                                                                                                                                                                                                                                                                                                              |
| Standard                   | IEEE 802.3af/at                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Auxiliary Interface</b> |                                                                                                                                                                                                                                                                                                                                                                                     |
| SATA                       | 4 SATA interfaces                                                                                                                                                                                                                                                                                                                                                                   |
| Capacity                   | Up to 16 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, 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                | ≤ 50 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                |
| Working Temperature        | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                                                                                                                                                                                                                                                   |
| Working Humidity           | 10 to 90 %                                                                                                                                                                                                                                                                                                                                                                          |
| Dimension (W × D × H)      | 440 × 391 × 72 mm (17.32 × 15.39 × 2.81 inch)                                                                                                                                                                                                                                                                                                                                       |
| Weight                     | ≤ 5 kg (without HDD, 11 lb.)                                                                                                                                                                                                                                                                                                                                                        |

## ▪ Physical Interface

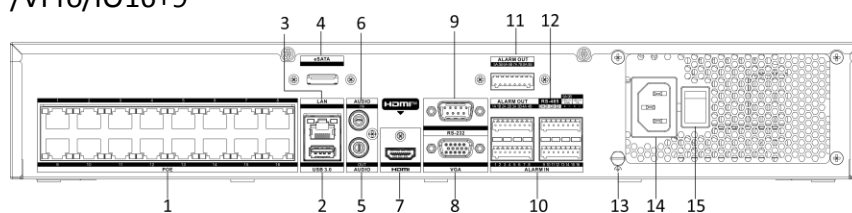
DS-7732NXI-K4/16P/VPro



| Number | Description | Number | Description |
|--------|-------------|--------|-------------|
|--------|-------------|--------|-------------|

|   |                       |    |                  |
|---|-----------------------|----|------------------|
| 1 | Poe interfaces        | 8  | RS-232 interface |
| 2 | USB 3.0 interface     | 9  | ALARM IN         |
| 3 | LAN network interface | 10 | ALARM OUT        |
| 4 | AUDIO OUT             | 11 | RS-484 interface |
| 5 | AUDIO IN              | 12 | GND              |
| 6 | HDMI interface        | 13 | Power supply     |
| 7 | VGA interface         | 14 | Power switch     |

#### DS-7732NXI-K4/16P/VPro/IO16+9



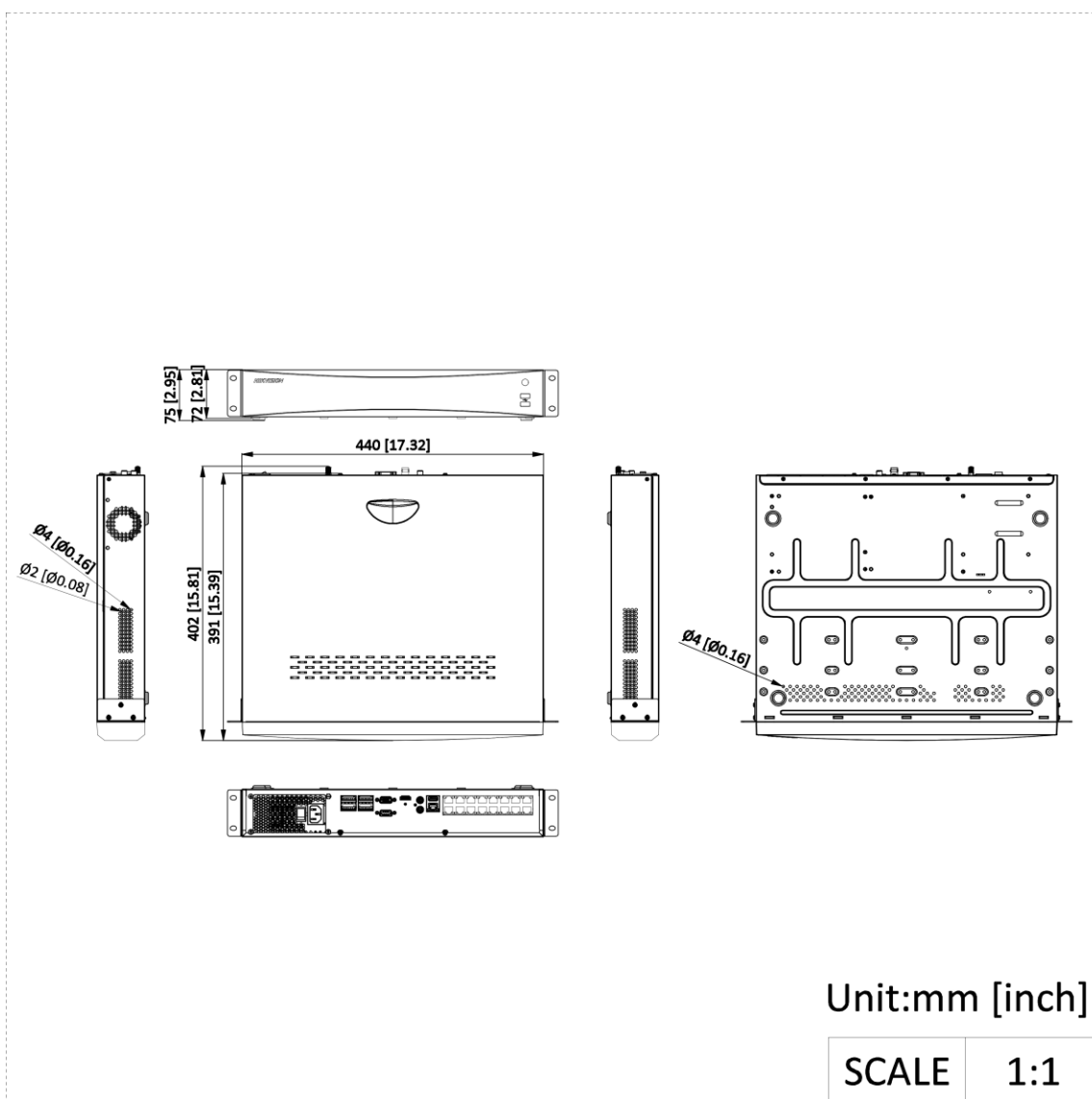
| No. | Description           | No. | Description             |
|-----|-----------------------|-----|-------------------------|
| 1   | PoE interface         | 9   | RS-232 serial interface |
| 2   | USB 3.0 interface     | 10  | ALARM IN                |
| 3   | LAN network interface | 11  | ALARM OUT               |
| 4   | eSATA interface       | 12  | RS-485 interface        |
| 5   | AUDIO OUT             | 13  | GND                     |
| 6   | AUDIO IN              | 14  | Power supply            |
| 7   | HDMI interface        | 15  | Power switch            |
| 8   | VGA interface         |     |                         |

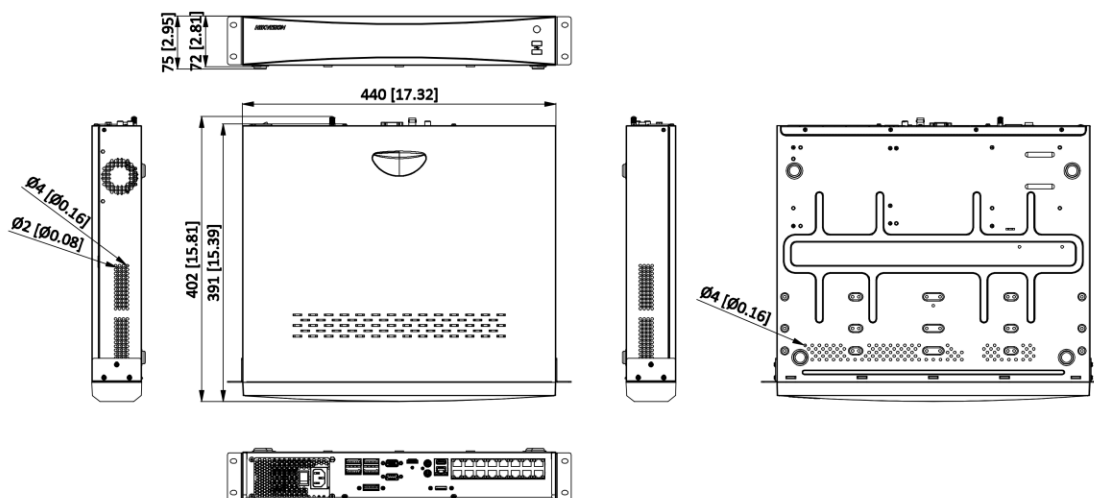
#### ▪ Available Model

DS-7732NXI-K4/16P/VPro(STD)

DS-7732NXI-K4/16P/VPro(NEU)

#### ▪ Dimension





Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

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