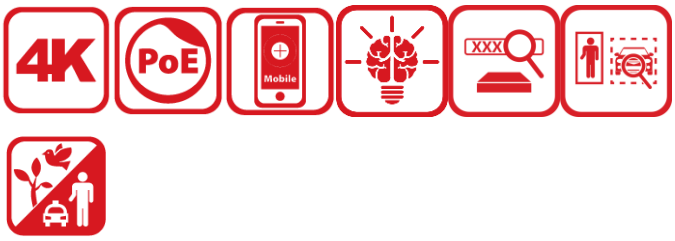
# DS-7616NXI-K2/16P/VPro
# 16-ch 1U 16 PoE AcuSeek K VPro NVR




- Up to 16-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 16-ch IP camera inputs, plug & play with 16 Power-over-Ethernet (PoE) interfaces
- Up to 3-ch@12 MP or 6-ch@8 MP or 12-ch@4 MP or 24-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Up to 160 Mbps incoming bandwidth

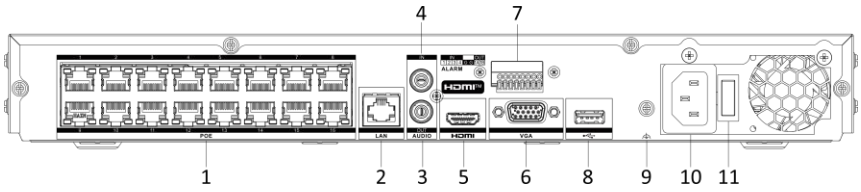
## ▪ Specification

| | |
|---|---|
| **Intelligent Analytics** | |
| AI by NVR | Facial recognition, perimeter protection, motion detection 2.0, AcuSearch, AcuSeek |
| AI by NVR and Camera | Facial recognition, perimeter protection, motion detection2.0, 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 50,000 face pictures in total (each picture ≤ 1 MB, total capacity ≤ 800 MB) |
| Face Picture Comparison | 8-ch |
| Facial Detection and Analytics Performance | Up to 4 MP: 2-ch;<br>5 MP to 8 MP: 1-ch |
| **AcuSearch** | |
| By Camera | All channels<br>*: The camera should enable AcuSearch function |
| **AcuSeek** | |
| Performance | If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 50,000 targets/day. |
| Search Language | English |
| **Motion Detection 2.0** | |
| 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 |
| **Perimeter Protection** | |
| 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>5 MP to 8 MP: 1-ch |
| By Camera | All channels |
| **Video and Audio** | |
| IP Video Input | 16-ch |
| Incoming Bandwidth | 160 Mbps |
| Outgoing Bandwidth | 160 Mbps |
| IP Speaker Input | 4-ch |
| Video Output Mode | HDMI/VGA independent output |
| HDMI 1 Output | 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1080P (1920 × 1080)/60 Hz, UXGA (1600 × 1200)/60 Hz, SXGA (1280 × 1024)/60 Hz, 720P (1280 × 720)/60 Hz |
| VGA 1 Output | 1080P (1920 × 1080)/60 Hz, UXGA (1600 × 1200)/60 Hz, SXGA (1280 × 1024)/60 Hz, 720P (1280 × 720)/60 Hz |
| Audio Input | Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input) |
| Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| **Decoding** | |
| 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 |
| Playback Mode | Normal/Smart, Event, Tag, External File |

| | |
|---|---|
| Synchronous playback | 16-ch |
| Live View Window Division | 1/2/4/6/8/9/16 |
| Decoding Capability | AI on: 12-ch@1080p (30 fps)<br>AI off: 24-ch@1080p (30 fps) |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2 |
| **Network** | |
| Network Interface | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Network Protocol | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS |
| Remote Connection | 128 |
| **PoE** | |
| Interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interfaces |
| Power | ≤ 200W |
| Standard | IEEE 802.3af/at |
| **Auxiliary Interface** | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 16 TB capacity for each HDD |
| Alarm In/Out | 4/1 |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0 |
| **General** | |
| GUI Language | English,Russian,Bulgarian,Hungarian,Greek,German,Italian,Czech,Slovakia,French,Polish,Dutch,Portuguese,Spanish,Romanian,Turkish,Japanese,Danish,Swedish,Norwegian,Finnish,Korean,TraChinese,Thai,Estonia,Vietnamese,Croatian,Slovenian,Serbian,Latvian,Lithuanian,Uzbek,Kazak,Arabic,Hebrew,Ukrainian,Indonesian |
| Power Supply | 200 to 240 VAC, 50 to 60 Hz |
| Consumption | ≤ 15 W (without HDD) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10 to 90 % |
| Dimension (W × D × H) | 384 mm × 317 mm × 52 mm (15.1 × 12.5 × 2.0 inch) |
| Weight | ≤ 3 kg (without HDD, 5.5 lb.) |
| **Certification** | |
| CE | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017 |
| Obtained Certification | CE,CB,REACH,WEEE,UKCA,RCM,IC |

## ▪ Physical Interface

| No. | Description | No. | Description |
|---|---|---|---|
| 1 | Network interfaces with PoE function | 7 | Alarm in/alarm out |
| 2 | LAN network interface | 8 | USB interface |
| 3 | AUDIO OUT | 9 | GND |
| 4 | AUDIO IN | 10 | AC100V~240V power supply |
| 5 | HDMI interface | 11 | Power switch |
| 6 | VGA interface | | |

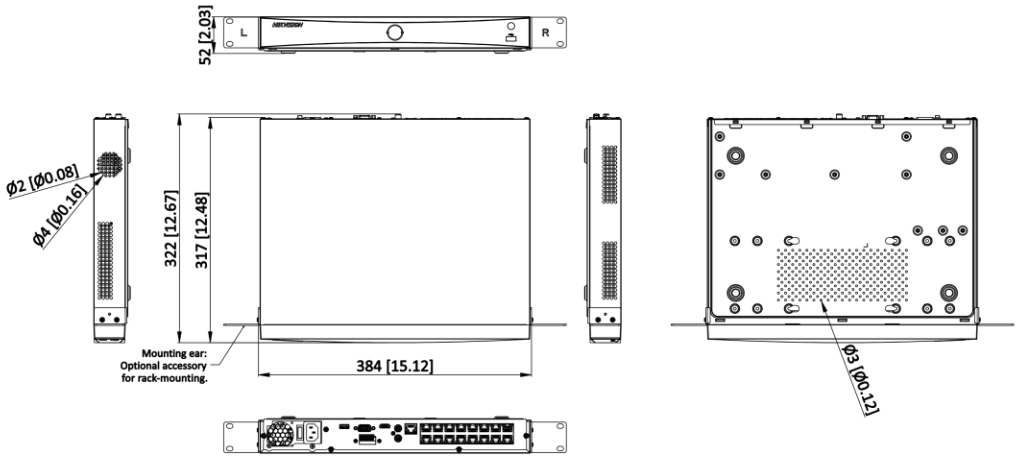



## ▪ Available Model

DS-7616NXI-K2/16P/VPro(STD)

DS-7616NXI-K2/16P/VPro(NEU)

## ▪ Dimension




Unit:mm [inch]

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

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