## DS-7608NXI-K1/8PUHK(D)/Saudi Made
## 8-ch PoE 1U K Series AcuSense 4K NVR

### Key Feature

- Up to 8-ch IP camera inputs, plug & play with 8 power-over-Ethernet (PoE) interfaces
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 4-ch@8 MP or 8-ch@4 MP or 16-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs

### 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 1 SATA interface for HDD connection (up to 16 TB)
- 8-ch synchronous playback

### Network & Ethernet Access

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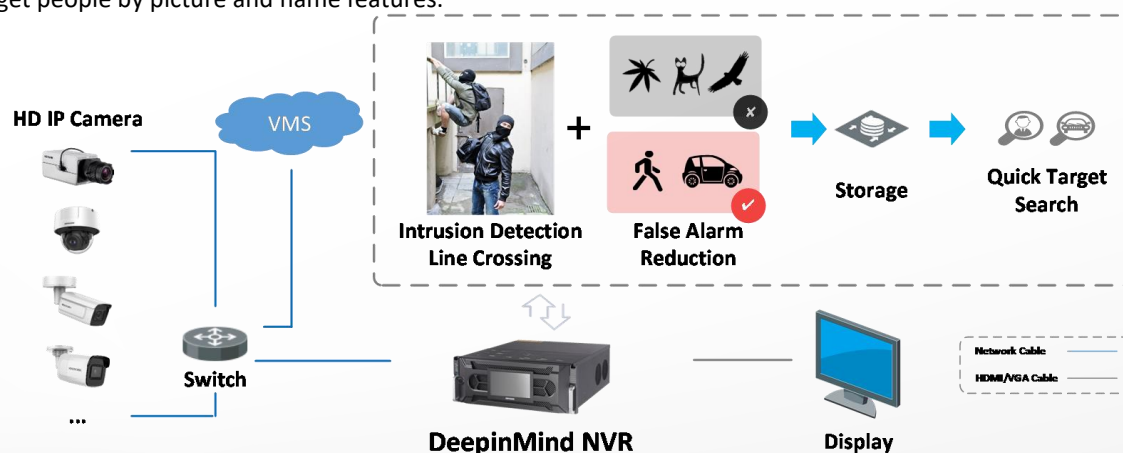- Hik-Connect for easy network management

## ▪ 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 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 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 Camera | All channels |
| **Perimeter Protection** | |
| By Device | 1-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 |
| **Throwing Objects from Building** | |
| By Camera | All channels |
| **Video and Audio** | |
| IP Video Input | 8-ch |
| Incoming Bandwidth | 80 Mbps |
| Outgoing Bandwidth | 80 Mbps |
| HDMI Output | 1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz |
| VGA Output | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz |
| 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 | 8-ch |
| Decoding Capability | AI on: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)<br>AI off: 2-ch@12 MP (30 fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps) |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC |
| **Network** | |
| Remote Connection | 128 |
| API | ONVIF (profile S/G); SDK; ISAPI |

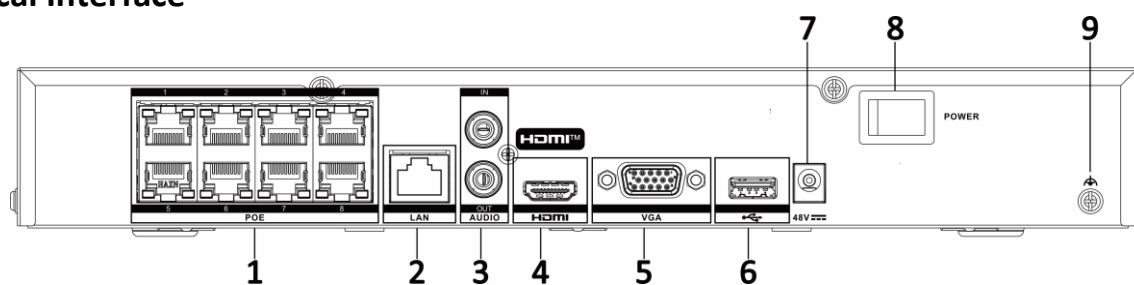| Compatible Browser | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version |
| --- | --- |
| Network Protocol | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS |
| Network Interface | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| **PoE** | |
| Interface | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface |
| Power | ≤ 75 W |
| Standard | IEEE 802.3af/at |
| **Auxiliary Interface** | |
| SATA | 1 SATA interface |
| Capacity | Up to 16 TB capacity for each HDD |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0 |
| Alarm In/Out | NA |
| **General** | |
| 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 | 48 VDC, 1.875 A |
| Consumption | ≤ 10 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) | 320 mm × 240 mm × 48 mm (12.6"× 9.4" × 1.9") |
| Weight | ≤ 1 kg (without HDD, 2.2 lb.) |
| **Certification** | |
| 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 |

## ▪ Typical Application

### Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.
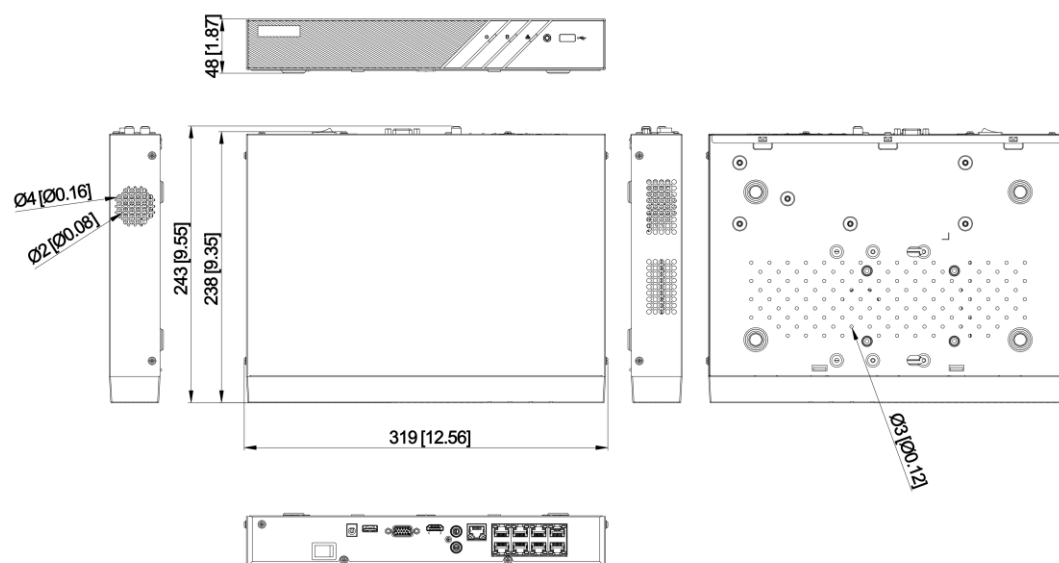
## ▪ Physical Interface



| No. | Description | No. | Description |
|-----|-------------|-----|-------------|
| 1 | Network interfaces with POE function | 6 | USB interface |
| 2 | LAN network interface | 7 | Power supply |
| 3 | AUDIO IN and OUT | 8 | Power switch |
| 4 | HDMI interface | 9 | GND |
| 5 | VGA interface | | |

## ▪ Available Model

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▪ **Dimension**



48 [1.87]

Ø4 [Ø0.16]
Ø2 [Ø0.08]

243 [9.55]
238 [9.35]

319 [12.56]

Ø3 [Ø0.12]

Unit:mm [inch]

| SCALE | 1:1 |

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