# DS-7608NXI-I2/S(E)
# 8-ch 1U AcuSense 4K NVR






- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 4-ch perimeter protection
- Up to 4-ch facial recognition for video stream
- Up to 8-ch facial recognition for face picture
- Up to 8-ch IP camera inputs
- Up to 32-ch 1080p decoding capability
- Up to 8-ch IP speakers can be connected

## ▪ Function

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection

HD Video Output

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

Storage and Playback

- Up to 2 SATA interfaces for HDD connection
- 8-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

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

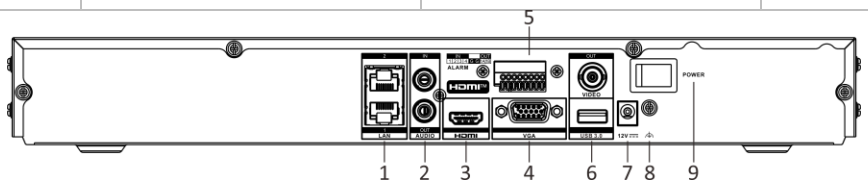
## ▪ Specification

| | |
|---|---|
| **Intelligent Analytics** | |
| AI by NVR | Facial recognition, perimeter protection, motion detection 2.0 |
| AI by Camera | AcuSearch,Facial recognition, perimeter protection, video structuralization, motion detection 2.0, ANPR, people counting, VCA |
| Engine | 1, engine mode is adjustable |
| **AcuSearch** | |
| By Camera | All channels ,up to 172,800 targets/day<br>The camera should enable AcuSearch function |
| By NVR | N/A |
| **Perimeter Protection** | |
| By NVR | 4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm;<br>Up to 12 rules in total |
| By Camera | All channels |
| **Facial Recognition** | |
| Face Picture Library | Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 512 KB, total capacity ≤ 1 GB) |
| Face Picture Comparison | 8-ch |
| Facial Detection and Analytics | Face picture comparison, human face capture, face picture search |
| Facial Detection and Analytics Performance | 4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265) |
| **Motion Detection 2.0** | |
| By NVR | All channels for Hikvision cameras |
| By Camera | All channels |
| **ANPR** | |
| By Camera | All channels |
| Vehicle Attributes | Plate number, license plate color, license plate type |
| Plate Attributes | Vehicle brand, vehicle color, vehicle type |
| **Devices and Servers** | |
| Heat Map Cameras | heatmap data record and presentation |
| **Video and Audio** | |
| IP Video Input | 8-ch |
| Incoming Bandwidth | 80 Mbps |
| Outgoing Bandwidth | 256 Mbps |
| HDMI Output | 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz |
| VGA Output | 1920 × 1080/60 Hz, |
| Video Output Mode | HDMI/VGA independent output |
| CVBS Output | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 |
| Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) |
| **Decoding** | |
| Decoding Format | H.265+/H.265/H.264+/H.264 |

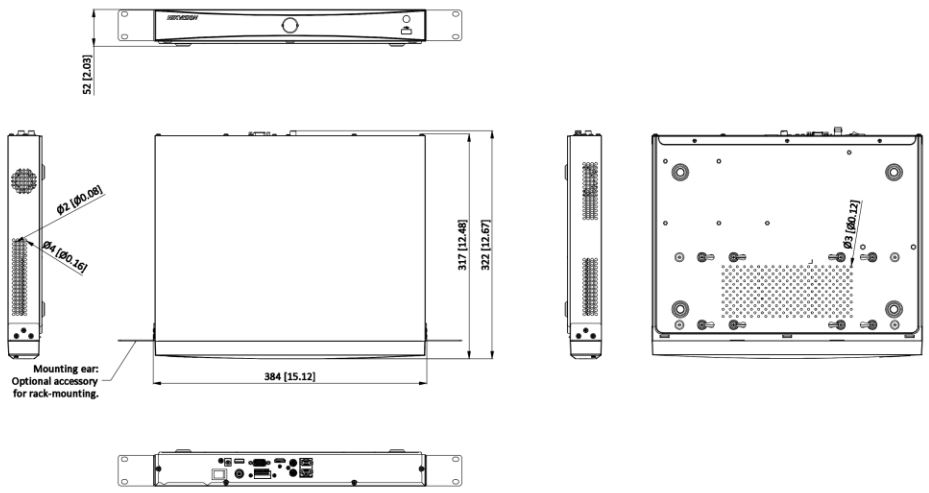
| | |
|---|---|
| Recording Resolution | 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF<br>*: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs. |
| Synchronous playback | 8-ch |
| Live View Window Division | 1/2/4/6/8/9 |
| Aux Port Window Division | 1/2/4/6/8/9 |
| Decoding Capability | Enable AI by NVR: 20-ch@1080p (30 fps)<br>1-ch@32 MP (30 fps); 1-ch@24 MP (30 fps); 2-ch@16MP (30 fps); 3-ch@12MP (30 fps);5-ch@8 MP (30 fps); 6-ch@6 MP (30 fps);8-ch@5 MP (30 fps);10-ch@4 MP (30 fps);16-ch@2 MP (30 fps);<br>Disable AI by NVR: 32-ch@1080p (30 fps)<br>2-ch@32 MP (30 fps); 2-ch@24 MP (30 fps); 4-ch@16MP (30 fps); 5-ch@12MP (30 fps);8-ch@8 MP (30 fps); 10-ch@6 MP (30 fps); 12-ch@5 MP (30 fps); 16-ch@4 MP (30 fps); |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM |
| Dual-Stream Recording | Support |
| Stream Type | Video, Video & Audio |
| **Network** | |
| Network Interface | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Remote Connection | 128 |
| Network Protocol | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS |
| API | ONVIF (profile S/G); SDK; ISAPI |
| Compatible Browser | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version |
| Camera Access Protocol | ONVIF(Version 2.5), RTSP |
| **Auxiliary Interface** | |
| SATA | 2 SATA interfaces |
| Capacity | Up to 16 TB capacity for each disk |
| Alarm In/Out | 4/1 |
| USB Interface | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0 |
| **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, Hebrew |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz |
| Consumption | ≤ 30 W (without HDD) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Chassis | 1U chassis |
| Dimension (W × D × H) | 385 × 317 × 52 mm ( 15.2"× 12.5" × 2.0") |
| Weight | ≤ 2.5 kg (without HDD, 5.5 lb.) |
| **Certification** | |
| Obtained Certification | CE, CB, REACH, WEEE, UKCA, LOA |
| CE | EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4 |

## ▪ Physical Interface

| No. | Description | No. | Description |
|---|---|---|---|
| 1 | LAN1 and LAN2 network interfaces | 6 | USB 3.0 interface and VIDEO OUT |
| 2 | AUDIO IN//AUDIO OUT | 7 | Power supply |
| 3 | HDMI interface | 8 | GND |
| 4 | VGA interface | 9 | Power switch |
| 5 | ALARM IN/OUT | | |




## ▪ Dimension




Unit:mm [inch]

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

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