# DS-7716NXI-I4-V2
# 16-ch 1.5U I Series AcuSense NVR






- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 16-ch AcuSearch function by Camera
- Up to 4-ch perimeter protection by NVR
- Up to 4-ch facial recognition for video stream by NVR
- Up to 8-ch facial recognition for face picture by NVR
- Up to 40x1080p@30fps decoding capability by NVR
- 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 4 SATA interfaces for HDD connection
- 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Integrates SmartSearch, AcuSearch functions for optimized playback efficiency
- POS triggered recording and alarm, POS information overlay on live view and playback

Network & Ethernet Access

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

## ▪ Specification

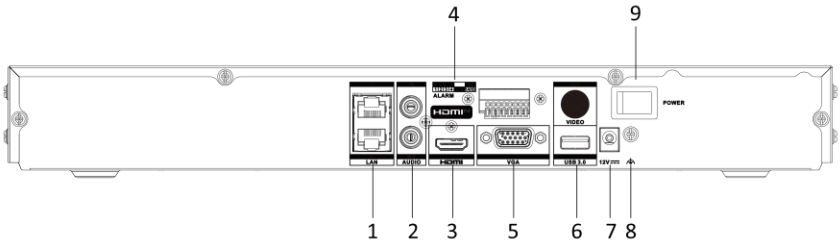
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|---|---|
| **Intelligent Analytics** | |
| AI by NVR | Target Recognition, Perimeter Protection,AcuSearch |
| AI by Camera | Target Recognition, Perimeter Protection, Video Structuralization, Throwing Objects from Building, Motion Detection 2.0, ANPR, People Counting, VCA |
| **AcuSearch** | |
| By Camera | AcuSense IPC All channels |
| By NVR | Not Support |
| Performance | Capabilities of modeling 300,000 targets/day. |
| **Perimeter Protection** | |
| By NVR | 4-ch, 2 MP (H.264/H.265);2-ch, 4 MP (H.264/H.265);1-ch, 8 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; Up to 12 rules in total |
| By Camera | All channels |
| **Target 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 ≤ 4 MB, Resolution: 80×80 to 4096×4096 , total capacity ≤ 1 GB) |
| Face Picture Comparison | 8-ch<br>Comparison speed: 15 pictures per second |
| Facial Detection and Analytics Performance | 4-ch 2MP;2-ch 4MP;1-ch 8MP human face capture (HD network camera, up to 8 MP, H.264/H.265) |
| **Motion Detection 2.0** | |
| By NVR | Not Support |
| By Camera | All channels |
| **ANPR** | |
| By Camera | All channels Support Countries & Regions: 1. Myanmar, Philippines, Indonesia, Vietnam, Pakistan, New Zealand, Australia, Sri Lanka, Singapore, Malaysia 2. Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, The United Kingdom, Ireland, Germany, Italy, Austria, Palestine, Latvia, Lithuania, Estonia, Belgium, Luxembourg, Ukraine, Uzbekistan, Kazakhstan, Mongolia, Moldova, Kyrgyzstan, Azerbaijan, Georgia, Armenia, Albania, Kosovo, Belarus, Cyprus, Denmark, Finland, Malta, Portugal, Romania, Slovenia, Sweden, Israel, Bosnia and Herzegovina, Turkmenistan, Montenegro, Serbia, Tajikistan, Iceland, Liechtenstein 3. Argentina, Brazil, Chile, Colombia, Peru, Ecuador, Paraguay, Uruguay, Salvador, Bolivia, Canada, Algeria, Mexico, Panama, Costa Rica, Nigeria, Kenya, Mauritius, Tanzania, Cote d'Ivoire, South Africa, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Republic of Trinidad and Tobago, Dominica, Guatemala, Senegal, Algeria, Cameroon 4. Qatar, Kuwait, Oman, Jordan, Lebanon, Iraq, United Arab Emirates, Saudi Arabia, Bahrain, Egypt, Libya |
| Vehicle Attributes | Vehicle brand, vehicle color, vehicle type |
| Plate Attributes | Plate number, license plate color, license plate type |
| **Video and Audio** | |
| IP Video Input | 16 channels |

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|---|---|
| Incoming Bandwidth | 160 Mbps |
| Outgoing Bandwidth | 256 Mbps |
| Incoming Bandwidth (RAID Mode) | N/A |
| Outgoing Bandwidth (RAID mode) | N/A |
| TLS outgoing bandwidth | N/A |
| HDMI 1 Output | 4K ( 3840×2160 ) /30Hz , 2K ( 2560×1440 ) /60Hz , 1080P ( 1920×1080 ) /60Hz , 720P(1280*720)/60Hz |
| HDMI 2 Output | 4K ( 3840×2160 ) /60Hz , 4K ( 3840×2160 ) /30Hz , 2K ( 2560×1440 ) /60Hz , 1080P ( 1920×1080 ) /60Hz , 720P(1280*720)/60Hz,,HDMI2/VGA independent output |
| HDMI Output | N/A |
| VGA 1 Output | N/A |
| VGA 2 Output | N/A |
| VGA Output | 1080P ( 1920×1080 ) /60Hz , 720P(1280*720)/60Hz<br>HDMI1/VGA simultaneous output |
| Video Output Mode | HDMI1/VGA simultaneous output, HDMI2/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) |
| **Decoding** | |
| Decoding Format | H.265+/H.265/H.264+/H.264 |
| Recording Resolution | 32MP/24MP/16MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF<br>*: The NVR supports up to 4-ch 32 MP/24 MP/16 MP IP video inputs. |
| Playback Mode | Synchronous |
| Synchronous playback | 16-ch |
| Live View Window Division | 1/2/4/6/8/9/16 |
| Aux Port Window Division | 1/2/4/6/8/9/16 |
| Decoding Capability | Enable AI by NVR: 20-ch@1080p (30 fps)<br>Disable AI by NVR: 40-ch@1080p (30 fps) |
| Stream Type | Video, Video & Audio |
| Dual-stream | Support |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM |
| **Network** | |
| Network Interface | 2, 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, ONVIF(Version 2.2), OTAP |
| Remote Connection | 128 |
| Camera Access Protocol | HIKVISION,ONVIF(Version 2.5), RTSP |
| Compatible Browser | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version |
| **PoE** | |
| Interface | N/A |
| Power | N/A |

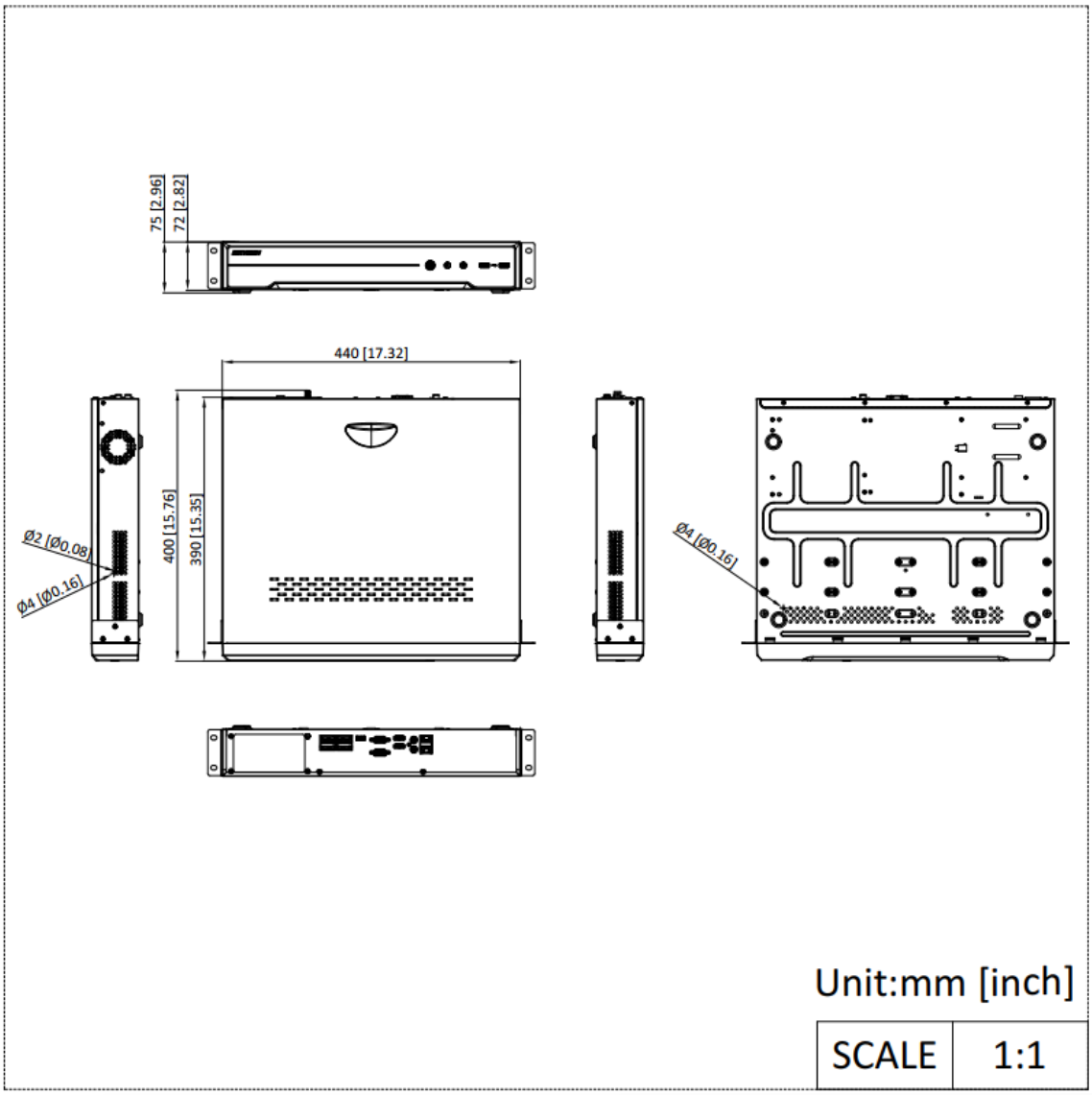
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|---|---|
| Standard | N/A |
| **RAID** | |
| RAID Type | N/A |
| **Auxiliary Interface** | |
| eSATA | N/A |
| SATA | 4 SATA interfaces |
| Capacity | Up to 16 TB capacity for each disk |
| Serial Interface | 2 RS-485 (half-duplex), 1 RS-232 |
| Alarm In/Out | 16/4 |
| USB Interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 |
| Ctrl 12V | N/A |
| DC 12V | N/A |
| **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,75W |
| Consumption | ≤ 15 W (without HDD and PoE off) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10% to 90% |
| Chassis | 1.5U |
| Material | Metal |
| Dimension (W × D × H) | 440mm(w)×389mm(d)×72mm(h)(17.32" × 15.31" × 2.83" ) |
| Weight | ≤5kg |
| **Certification** | |
| Obtained Certification | CE、CB、UKCA、RCM、LOA、REACH、WEEE、运输鉴定、KC |
| FCC | N/A |
| CE | EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4 |

## ▪ Physical Interface

| No. | Description | No. | Description |
|---|---|---|---|
| 1 | LAN 1 and LAN 2 interfaces | 6 | USB 3.0 interface |
| 2 | Audio in and audio out | 7 | Power supply |
| 3 | HDMI interface | 8 | GND |
| 4 | Alarm in and alarm out | 9 | Power switch |
| 5 | VGA output | | |


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## ▪ Dimension


75 [2.96]
72 [2.82]
440 [17.32]
400 [15.76]
390 [15.35]
Ø2 [Ø0.08]
Ø4 [Ø0.16]
Ø4 [Ø0.16]
Unit:mm [inch]
SCALE
1:1

See Far, Go Further

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