

## DS-9632NXI-I8/S(E) 32-ch 2U 4K AcuSense 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 32-ch IP camera inputs
- Up to 320 Mbps incoming bandwidth
- Up to 32-ch 1080p decoding capability

## ▪ 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 8 SATA interfaces for HDD connection

- 16-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, AcuSearch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| AI by Camera                               | Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Engine                                     | 1, engine mode is adjustable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| AcuSearch                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Performance                                | If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSearch in all channels, capable of modeling 300,000 targets/day.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Target Recognition                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Facial Detection and Analytics             | Face picture comparison, human face capture, face picture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Facial Detection and Analytics Performance | 4-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Face Picture Comparison                    | 8-ch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Motion Detection 2.0                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| By NVR                                     | All channels for Hikvision cameras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| By Camera                                  | All channels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ANPR                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| By Camera                                  | <p>All channels</p> <p>Support Countries &amp; Regions:</p> <ol style="list-style-type: none"> <li>1. Myanmar, Philippines, Indonesia, Vietnam, Pakistan, New Zealand, Australia, Sri Lanka, Singapore, Malaysia</li> <li>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</li> <li>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</li> <li>4. Qatar, Kuwait, Oman, Jordan, Lebanon, Iraq, United Arab Emirates, Saudi Arabia, Bahrain, Egypt, Libya</li> </ol> |

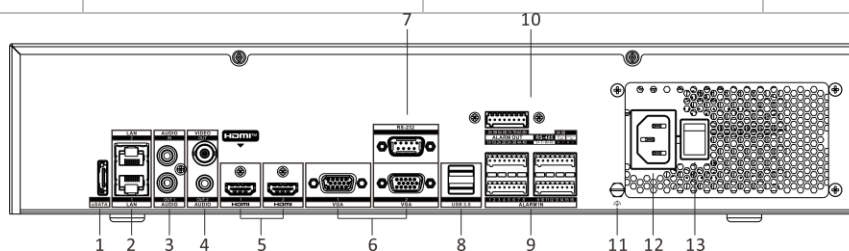
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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vehicle Attributes         | Plate number, license plate color, license plate type                                                                                                                                                                                                                                                                                                                                                                                                |
| Plate Attributes           | Vehicle brand, vehicle color, vehicle type                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Devices and Servers</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Heat Map Cameras           | heatmap data record and presentation                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Video and Audio</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| IP Video Input             | 32-ch<br>Up to 32 MP resolution<br>*: The NVR supports up to 4-ch 32/24/16 MP IP video inputs.                                                                                                                                                                                                                                                                                                                                                       |
| Incoming Bandwidth         | 320 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Outgoing Bandwidth         | 256 Mbps                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| HDMI 1 Output              | 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz                                                                                                                                                                                                                                                                                                                                                                                    |
| HDMI 2 Output              | 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz                                                                                                                                                                                                                                                                                                                                                                                    |
| VGA 1 Output               | 1920 × 1080/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| VGA 2 Output               | 1920 × 1080/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Video Output Mode          | HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output, HDMI1/HDMI2 independent output                                                                                                                                                                                                                                                                                                                                                       |
| CVBS Output                | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480                                                                                                                                                                                                                                                                                                                                                                              |
| Audio Output               | 2-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Two-Way Audio              | 1-ch, RCA (2.0 Vp-p, 1 KΩ)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Decoding</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 32/24/16 MP IP video inputs, all channels for less than 16 MP.                                                                                                                                                                                                                                                              |
| Live View Window Division  | 1/2/4/6/8/9/16/25/32/36                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Aux Port Window Division   | 1/2/4/6/8/9/16/25/32/36                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Dual-Stream Recording      | Support                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Audio Compression          | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM                                                                                                                                                                                                                                                                                                                                                                                                        |
| Decoding Format            | H.265+/H.265/H.264+/H.264                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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); |
| Synchronous Playback       | 16-ch                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stream Type                | Video, Video & Audio                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Network</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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                                                                                                                                                                                                                                                                                                                                               |
| Remote Connection          | 128                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network Interface          | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                                                                                                                                           |

|                                            |                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Camera Access Protocol                     | ONVIF(Version 2.5), RTSP                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RAID</b>                                |                                                                                                                                                                                                                                                                                                                                                                                                      |
| RAID Type                                  | RAID0, RAID1, RAID5, RAID6, RAID10 Support global hot spare<br>RAID and AI functions are mutually exclusive.                                                                                                                                                                                                                                                                                         |
| <b>Auxiliary Interface</b>                 |                                                                                                                                                                                                                                                                                                                                                                                                      |
| SATA                                       | 8 SATA interfaces                                                                                                                                                                                                                                                                                                                                                                                    |
| eSATA                                      | 1 eSATA interface                                                                                                                                                                                                                                                                                                                                                                                    |
| Capacity                                   | Up to 16 TB capacity for each disk                                                                                                                                                                                                                                                                                                                                                                   |
| Serial Interface                           | 1 RS-485 (full-duplex), 1 RS-232                                                                                                                                                                                                                                                                                                                                                                     |
| USB Interface                              | Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0                                                                                                                                                                                                                                                                                                                                                    |
| Alarm In/Out                               | 16/9                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ctrl 12V                                   | Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered.<br>*: The Ctrl 12V power is controlled by alarm output 9.                                                                                                                                                                                                           |
| DC 12V                                     | 12 VDC, 1 A power output                                                                                                                                                                                                                                                                                                                                                                             |
| <b>General</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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                                    | 2U chassis                                                                                                                                                                                                                                                                                                                                                                                           |
| Dimension (W × D × H)                      | 445 × 460 × 93 mm (17.5" × 18.1" × 3.7")                                                                                                                                                                                                                                                                                                                                                             |
| Weight                                     | ≤ 8.3 kg (18.3lb.)                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Certification</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                      |
| FCC                                        | N/A                                                                                                                                                                                                                                                                                                                                                                                                  |
| CE                                         | EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4                                                                                                                                                                                                                                                                                                                                                |
| Obtained Certification                     | CE, CB, REACH, WEEE, UKCA, LOA                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cyber Security</b>                      |                                                                                                                                                                                                                                                                                                                                                                                                      |
| EN 303645                                  | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| Secure Boot                                | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| Secure Component Verification SVC          | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| Password Protection                        | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| IP & MAC Address Filtering                 | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| HTTPS Encryption                           | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| Live View & Playback Stream Encryption     | Support : AES128                                                                                                                                                                                                                                                                                                                                                                                     |
| IEEE802.1X(EAP-TLS) Network Access Control | Support                                                                                                                                                                                                                                                                                                                                                                                              |
| Signed Firmware                            | Support                                                                                                                                                                                                                                                                                                                                                                                              |

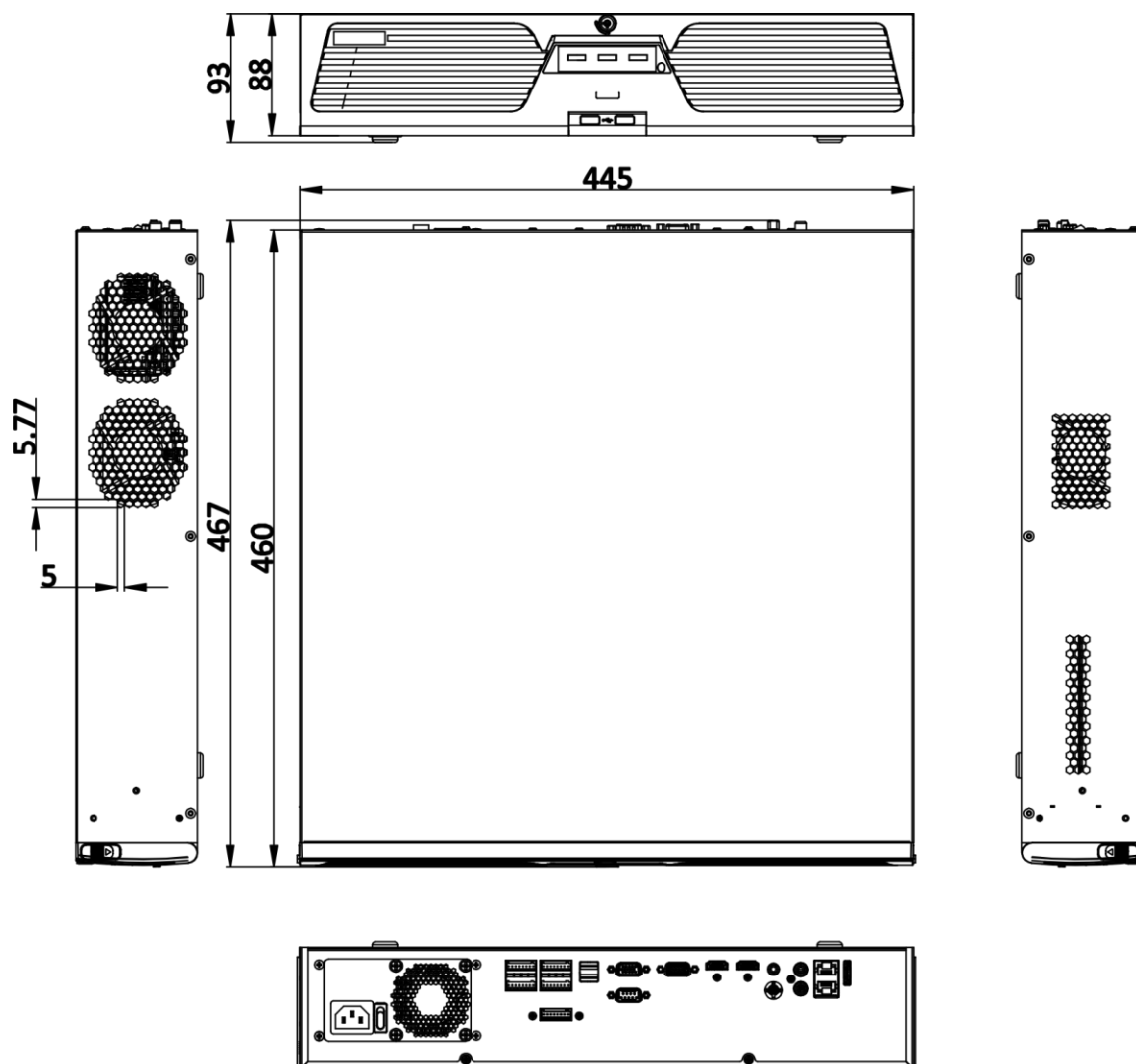
|        |                                                                                                                                                       |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Others | Digest authentication: Support<br>User access log : Support<br>Centralized certificate management : Support<br>Brute force delay protection : Support |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

## ▪ Physical Interface

| No. | Description           | No. | Description                              |
|-----|-----------------------|-----|------------------------------------------|
| 1   | eSATA interface       | 8   | USB 3.0 interface                        |
| 2   | LAN1/LAN2 interface   | 9   | ALARM IN                                 |
| 3   | AUDIO IN/OUT          | 10  | ALARM OUT, RS-485, Ctrl 12 V and DC 12 V |
| 4   | AUDIO/VIDEO OUT       | 11  | GND                                      |
| 5   | HDMI1/HDMI2 interface | 12  | 100 to 240 VAC power supply              |
| 6   | VGA1/VGA2 Interface   | 13  | Power switch                             |
| 7   | RS-232 interface      |     |                                          |



## ▪ Dimension



scale/1:1;Unit/mm

## ▪ Accessory

# See Far, Go Further



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