

## DS-8664NXI-I8/S 64-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 64-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 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 & DDNS (Dynamic Domain Name System) for easy network management

## ▪ Specification

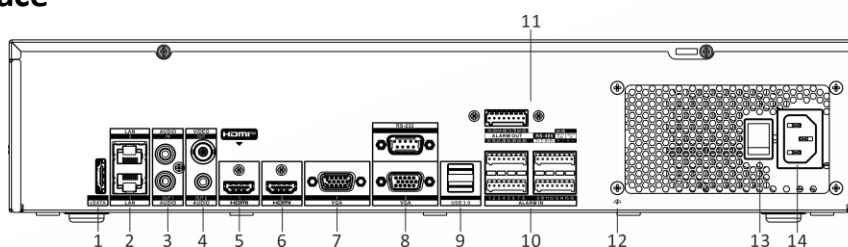
| Intelligent Analytics                          |  |
|--|--|
| AI by NVR                                      | Facial recognition, perimeter protection, motion detection 2.0   |
| AI by Camera                                   | Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA  |
| Engine   | 1, engine mode is adjustable   |
| 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                             |  |
| 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 ≤ 512 KB, total capacity ≤ 1 GB)   |
| Face Picture Comparison (Captured from Camera) | 8-ch   |
| 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<br>Support Countries & Regions:<br>1. Myanmar, Philippines, Indonesia, Vietnam, Pakistan, New Zealand, Australia, Sri Lanka, Singapore, Malaysia<br>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<br>3. Argentina, Brazil, Chile, Colombia, Peru, Ecuador, Paraguay, Uruguay, Salvador, Bolivia,<br>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<br>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  |

| Devices and Servers       |   |
|---------------------------|---|
| Heat Map Cameras          | 1.heatmap data record and presentation  |
| Video and Audio           |   |
| IP Video Input            | 64-ch   |
| Incoming Bandwidth        | 384 Mbps  |
| Outgoing Bandwidth        | 256 Mbps  |
| HDMI 1 Output             | 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, 1024 × 768/60 Hz   |
| HDMI 2 Output             | 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, 1024 × 768/60 Hz   |
| VGA 1 Output              | 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz   |
| VGA 2 Output              | 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 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)  |
| Decoding                  |   |
| Decoding Format           | H.265+/H.265/H.264+/H.264   |
| Recording Resolution      | 32 MP/24 MP/16MP/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      | 16-ch   |
| Live View Window Division | 1/2/4/6/8/9/16/25/32/36/64  |
| Aux Port Window Division  | 1/2/4/6/8/9/16/25/32/36   |
| 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);20-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); 8-ch@6 MP (30 fps); 12-ch@5 MP (30 fps); 16-ch@4 MP (30 fps); ; 32-ch@2 MP (30 fps); |
| Dual-Stream Recording     | Support   |
| Stream Type               | Video, Video & Audio  |
| 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  |
| Remote Connection         | 128   |
| 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  |
| 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  |

| RAID                   |  |
|------------------------|--|
| RAID Type              | RAID0, RAID1, RAID5, RAID6, RAID10 Support global hot spare<br>Notes: RAID function and AI functions are mutually exclusive.   |
| Auxiliary Interface    |  |
| Serial Interface       | 1 RS-485 (full-duplex), 1 RS-232   |
| SATA                   | 8 SATA interfaces  |
| Capacity               | Up to 16 TB capacity for each disk   |
| eSATA                  | 1 eSATA interface  |
| Alarm In/Out           | 16/9   |
| USB Interface          | Front panel: 2 × USB 2.0; Rear panel: 2 × 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                | 2U chassis   |
| Dimension (W × D × H)  | 440 × 457 × 94 mm ( 17.4"× 18.0" × 3.7")   |
| Weight                 | ≤ 7.1 kg (without HDD, 15.7 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  |

## ▪ Typical Application

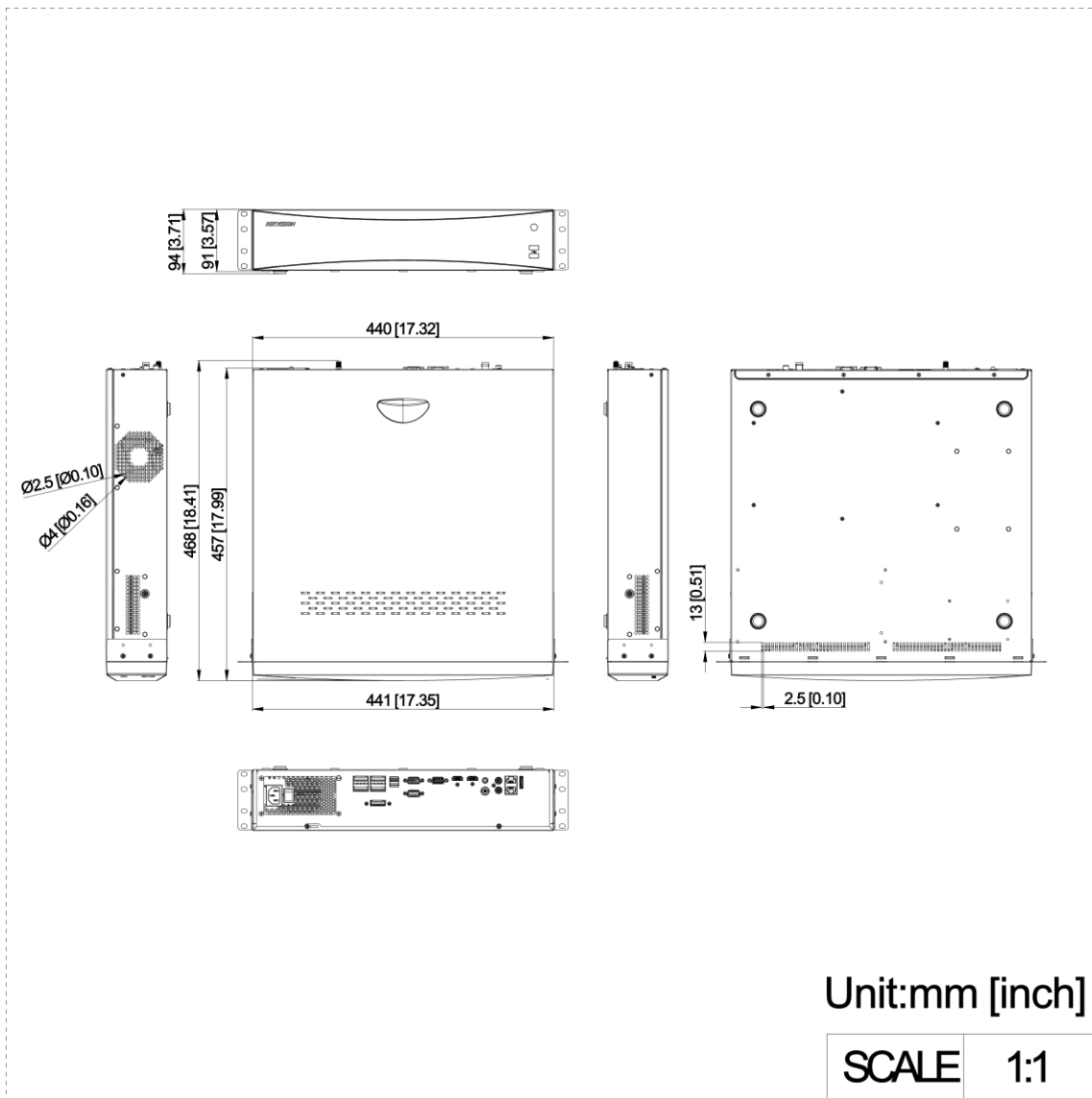
## ▪ Physical Interface



| No. | Description                | No. | Description   |
|-----|----------------------------|-----|---|
| 1   | eSATA interface            | 8   | VGA 2 interface and RS-232 serial interface             |
| 2   | LAN 1 and LAN 2 interfaces | 9   | USB 3.0 interfaces                                      |
| 3   | Audio in and out           | 10  | Alarm in  |
| 4   | Audio out and video out    | 11  | Alarm out, RS-485 serial interface, Ctrl 12V and DC 12V |
| 5   | HDMI 1 interface           | 12  | GND   |
| 6   | HDMI 2 interface           | 13  | Power switch  |

|   |                 |    |              |
|---|-----------------|----|--------------|
| 7 | VGA 1 interface | 14 | Power supply |
|---|-----------------|----|--------------|

▪ Dimension



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