# HIKVISION

## DS-9632NXI-I16R/VPro
## I/VPro Series NVR with AcuSeek

- H.265+/H.265/H.264+/H.264 video formats

- Intelligent analytics based on Guanlan Large-Scale AI Models

- Up to 32-ch AcuSeek and AcuSearch function

- Up to 8-ch facial recognition for face picture

- Up to 32-ch IP camera inputs

- 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

      Compatible to third-party network cameras

HD Video Output

      Provide independent HDMI and VGA outputs

      HDMI video output at up to 4K resolution

Storage and Playback

      Up to 16 SATA interfaces for HDD connection

      16-ch synchronous playback

Smart & POS Function

      Support multiple VCA (Video Content Analytics) events

      Integrates SmartSearch, AcuSearch, and AcuSeek 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 & DDNS (Dynamic Domain Name System) for easy network management
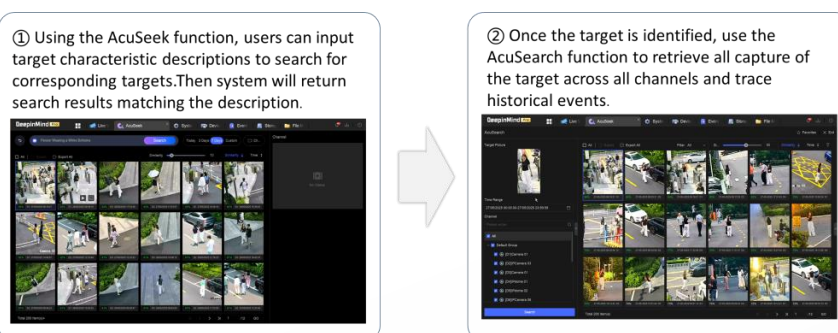
## ▪ Specification

| Intelligent Analytics | |
|---|---|
| AI by NVR | Facial recognition |
| AI by NVR and Camera | Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection 2.0, ANPR, people counting, AcuSeek |
| Engine | 2 engines. 1 is for face picture and AcuSearch. 1 is for AcuSeek |
| **Facial Recognition** | |
| Face Picture Library | Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 4 MB, 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, 4-ch 2MP, 2-ch 4MP, 1-ch 8MP, H.264/H.265) |
| **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. |
| **AcuSeek** | |
| Performance | If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 300,000 targets/day. |
| Search Language | English, French, Italian, German, Polish, Portuguese, Thai, Russian, Arabic, Turkish, Spanish, Dutch, Romanian, Czech, Swedish, Croatian, Latvian, Ukrainian, Hungarian, Danish, Japanese, Korean, Vietnamese, Indonesian, Brazilian Portuguese, Traditional Chinese |
| **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 |

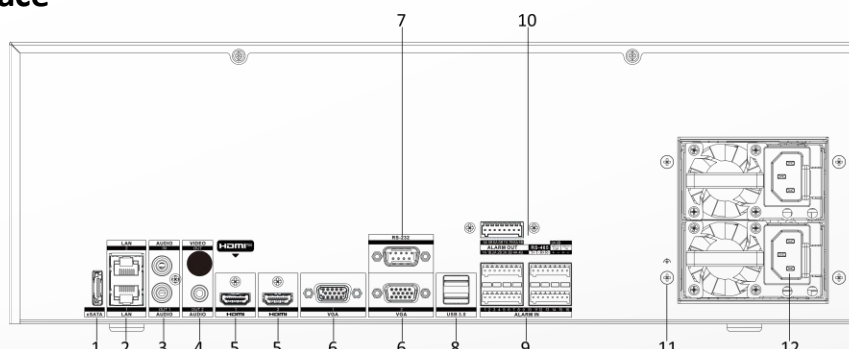| Vehicle Attributes | Plate number, license plate color, license plate type |
|---|---|
| Plate Attributes | Vehicle brand, vehicle color, vehicle type |
| **Video and Audio** | |
| IP Video Input | 32-ch |
| Incoming Bandwidth | 384 Mbps |
| Outgoing Bandwidth | 256 Mbps |
| Video Output Mode | HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous output |
| CVBS Output | NA |
| Audio Output | 2-ch, RCA (Linear, 1 KΩ) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) |
| HDMI 1 Output | 4K（3840×2160）/30Hz，2K（2560×1440）/60Hz，1080P（1920×1080）/60Hz，720P（1280×720）/60Hz |
| HDMI 2 Output | 1080P（1920×1080）/60Hz，720P（1280×720）/60Hz |
| VGA 1 Output | 1080P（1920×1080）/60Hz，720P（1280×720）/60Hz |
| VGA 2 Output | 1080P（1920×1080）/60Hz，720P（1280×720）/60Hz |
| **Decoding** | |
| Decoding Format | H.265+, H.265, H.264+, H.264 |
| Recording Resolution | 32 MP/24 MP/16 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF <br> *: Support resolution width/height less than 8192 pixels, total not exceeding 32MP. <br> *: The NVR supports up to 4-ch of >12MP IP video input. |
| Synchronous playback | 16-ch |
| Live View Window Division | 1/2/4/6/8/9/16/25/36 |
| Aux Port Window Division | 1/2/4/6/8/9/16/25/36 |
| Decoding Capability | Enable AI by NVR: 20-ch@1080p (30 fps) <br> Disable AI by NVR: 32-ch@1080p (30 fps) |
| Dual-Stream Recording | Support |
| Audio Compression | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM |
| 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, ONVIF, OTAP |
| API | ONVIF (profile S/G); SDK; ISAPI |
| Compatible Browser | IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version |
| **RAID** | |
| RAID Type | RAID0, RAID1, RAID5, RAID6, RAID10 <br> The RAID function and AI functions cannot be enabled simultaneously. |
| **Auxiliary Interface** | |
| Serial Interface | 1 RS-232, 1 RS-485 (full-duplex) |
| SATA | 16 SATA interfaces, Hot swap. |
| Capacity | Up to 20 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 |
| 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. *: The Ctrl 12V power is controlled by alarm output 9. |
| DC 12V | 12 VDC, 1 A power output |
| **General** | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz, redundant power supply |
| 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 |
| Consumption | ≤ 50 W (without HDD) |
| Working Temperature | -10 ℃ to 55 ℃ (14 ℉ to 131 ℉) |
| Working Humidity | 10% to 90% |
| Chassis | 3U chassis |
| Dimension (W × D × H) | 442 x 498 x 146 mm ( 17.40" x 19.59" x 5.75" ) |
| Weight | ≤ 12.5 kg (without HDD, 27.6 lb.) |
| **Certification** | |
| Obtained Certification | CE, CB, REACH, WEEE, UKCA, RCM, IC, LOA |
| CE | EN 55032, EN 61000-3-2, EN 61000-3-3, EN 55035 |

## ▪ Typical Application
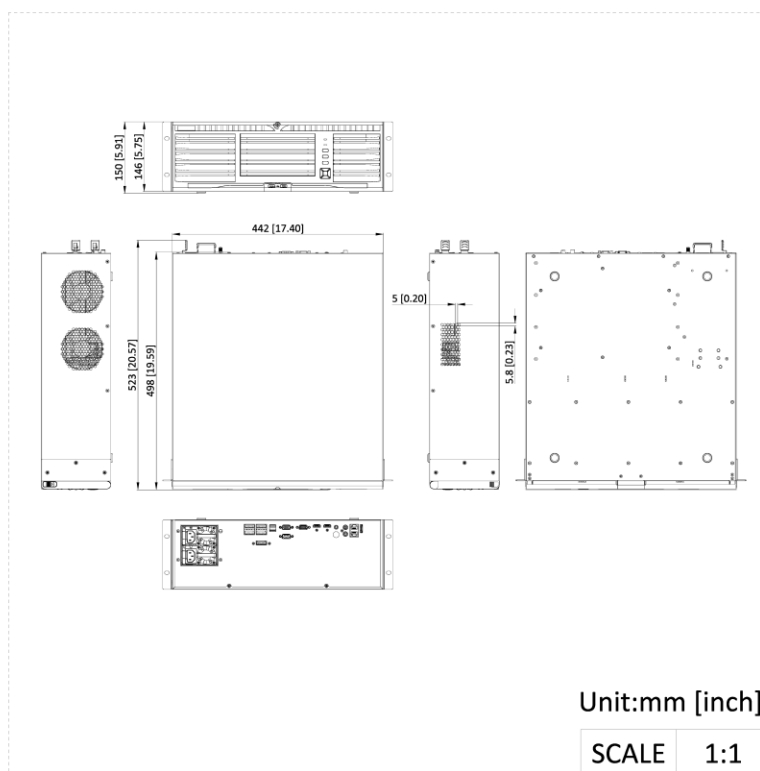
Typical Application



① Using the AcuSeek function, users can input target characteristic descriptions to search for corresponding targets. Then system will return search results matching the description.

② Once the target is identified, use the AcuSearch function to retrieve all capture of the target across all channels and trace historical events.

## ▪ Physical Interface



| No. | Description | No. | Description |
|---|---|---|---|
| 1 | eSATA interface | 7 | RS-232 interface |

| 2 | LAN1/LAN2  interface | 8 | USB 3.0 interface |
|---|---|---|---|
| 3 | AUDIO IN/OUT | 9 | ALARM  IN |
| 4 | AUDIO/VIDEO OUT | 10 | ALARM  OUT, RS-485, Ctrl 12 V and DC 12 V |
| 5 | HDMI1/HDMI2 interface | 11 | GND |
| 6 | VGA1/VGA2  Interface | 12 | 100 to 240 VAC power supply |

## ▪ Available Model

DS-9632NXI-I16R/VPro(STD)

## ▪ Dimension



Unit:mm [inch]

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

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