

## iDS-9632NXI-P8R DeepinMind Pro NVR



- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 32-ch IP cameras can be connected
- Up to 32-ch AcuSeek and AcuSearch function
- Up to 24-ch perimeter protection
- Up to 16-ch facial recognition for video stream, or up to 32-ch facial recognition for face picture
- Up to 16-ch video structuralization

## ▪ Specification

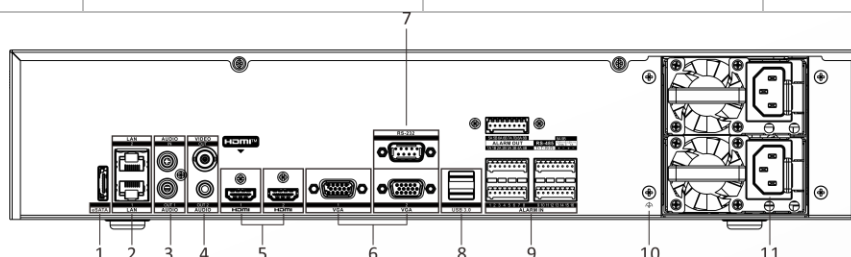
| Intelligent Analytics                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AI by NVR                                         | Facial recognition, perimeter protection, video structuralization, AcuSearch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| AI by Camera                                      | Facial recognition, perimeter protection, video structuralization, AcuSearch, motion detection2.0, ANPR, people counting, VCA                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Engine                                            | <p>1 GPU Engine, only for AcuSeek and OVD</p> <p>2 GPU Engines, each GPU engine can run an intelligent algorithm, engine mode is adjustable, performance of each GPU engine (choose 1 from 4):</p> <p>Facial recognition: 8-ch (4MP) video target capture or 32-ch image comparison</p> <p>Perimeter prevention: 12-ch (2MP) video analysis or 32-ch image analysis</p> <p>Video Structuralization: 8-ch (2MP) video structured analysis</p> <p>AcuSearch: support 16-ch (2MP) by NVR</p> <p>Note: To enable AcuSeek, at least one engine must be enabled in AcuSearch mode.</p> |
| Facial Recognition                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Facial Detection and Analytics                    | Face picture comparison, human face capture, face picture search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Face Picture Library                              | Up to 32 face picture libraries, up to 100,000 face pictures in list library                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Face Picture Comparison<br>(Captured from Camera) | <p>32-ch; (32-ch for each engine);</p> <p>Comparison speed: 32 pictures per second</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Facial Detection and Analytics<br>Performance     | 16-ch(2MP-8ch./4MP-8ch./8MP-4ch. for each engine face pictures captured by NVR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| AcuSearch                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| By NVR                                            | Up to 16ch-2MP/8ch-4MP/4ch-8MP normal IP camera access to achieve AcuSearch.(1 GPU engines for target capture, 1 GPU engine for AcuSearch modeling)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| By Camera                                         | <p>All channels, up to 600,000 targets/day</p> <p>The camera should enable AcuSearch function</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| AcuSeek                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Performance                                       | <p>The NVR supports 16ch-2MP/8ch-4MP/4ch-8MP normal IP camera access to achieve AcuSeek.(1 GPU engine for target capture, 1 GPU engine for AcuSearch modeling, 1 GPU engine for AcuSeek modeling)</p> <p>If the cameras support Hikvision AcuSense Technology and have enabled AcuSearch function, the NVR supports AcuSeek in all channels, capable of modeling 600,000 targets/day.</p>                                                                                                                                                                                        |
| Search Language                                   | English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Perimeter Protection                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| By NVR                                            | <p>Perimeter protection powered by Large Model: 12-ch 2 MP or 8-ch 4MP or 4-ch 8MP.<br/>( 1 GPU engine for live video analysis, 1 GPU engine for lager model algorithm secondary analysis, capable of secondary analysis is 2 events/s)</p> <p>Perimeter protection without Large Model: 24-ch 2 MP or 16ch-4MP or 8-ch 8MP</p>                                                                                                                                                                                                                                                  |
| By Camera                                         | Perimeter protection powered by Large Model with AcuSense cameras: All channels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Video Structuralization                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Structured Analysis                               | <p>16-ch 2 MP</p> <p>12-ch 4 MP</p> <p>6-ch 8 MP</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ANPR                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| By Camera                                         | All channels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Vehicle Attributes                                | Vehicle brand, vehicle color, vehicle type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                            |                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Plate Attributes           | Plate number, license plate color, license plate type                                                                                                                                       |
| <b>Video and Audio</b>     |                                                                                                                                                                                             |
| IP Video Input             | 32-ch<br>Up to 32 MP resolution<br>*: NVR supports up to 8-ch 32 MP/24 MP IP video inputs.                                                                                                  |
| Incoming Bandwidth         | 320 Mbps                                                                                                                                                                                    |
| Outgoing Bandwidth         | 400 Mbps                                                                                                                                                                                    |
| HDMI 1 Output              | 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz                                                                                |
| HDMI 2 Output              | 4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1080P (1920 × 1080)/60 Hz<br>*: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p. |
| VGA 1 Output               | 1920 × 1080/60Hz                                                                                                                                                                            |
| VGA 2 Output               | 1920 × 1080/60Hz                                                                                                                                                                            |
| Video Output Mode          | HDMI1/VGA1 simultaneous output, HDMI2/VGA2 simultaneous 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 k Ω)                                                                                                                                                                 |
| <b>Decoding</b>            |                                                                                                                                                                                             |
| Decoding Format            | H.265/H.265+/H.264/H.264+                                                                                                                                                                   |
| Decoding Capability        | 2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)                                                                           |
| Synchronous Playback       | 16-ch                                                                                                                                                                                       |
| 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                                                                                                      |
| <b>Network</b>             |                                                                                                                                                                                             |
| 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                                                                                                                       |
| Network Interface          | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                                                                  |
| <b>RAID</b>                |                                                                                                                                                                                             |
| RAID Type                  | RAID0, RAID1, RAID5, RAID6, RAID10                                                                                                                                                          |
| <b>Auxiliary Interface</b> |                                                                                                                                                                                             |
| 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                                                                                                                                                                    |
| SATA                       | 8 SATA interfaces; 3.5-inch HDD                                                                                                                                                             |
| eSATA                      | 1 eSATA interface                                                                                                                                                                           |
| Capacity                   | Up to 20 TB capacity for each HDD                                                                                                                                                           |
| Serial Interface           | 1 RS-232, 1 RS-485 (full-duplex)                                                                                                                                                            |
| USB Interface              | Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0                                                                                                                                           |
| Alarm In/Out               | 16/9                                                                                                                                                                                        |

| General                |                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GUI Language           | English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian, Hebrew, Farsi, Azeri, Burmese |
| Power Supply           | 100 to 240 VAC, 50 to 60 Hz, redundant power supply                                                                                                                                                                                                                                                                                                                                                                |
| Consumption            | ≤ 50 W (without HDD)                                                                                                                                                                                                                                                                                                                                                                                               |
| Working Temperature    | -10 to 55°C (14 to 131° F)                                                                                                                                                                                                                                                                                                                                                                                         |
| Working Humidity       | 10 to 90%                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimension (W × D × H)  | 442 × 540 × 88 mm ( 17.4"× 18.0" × 3.5")                                                                                                                                                                                                                                                                                                                                                                           |
| Weight                 | ≤ 8 kg (without HDD, 17.6 lb.)                                                                                                                                                                                                                                                                                                                                                                                     |
| Certification          |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Obtained Certification | CE, IC, CB, Rohs, Reach, WEEE, RCM, UKCA, LOA                                                                                                                                                                                                                                                                                                                                                                      |
| CE                     | EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020                                                                                                                                                                                                                                                                                     |

## Physical Interface

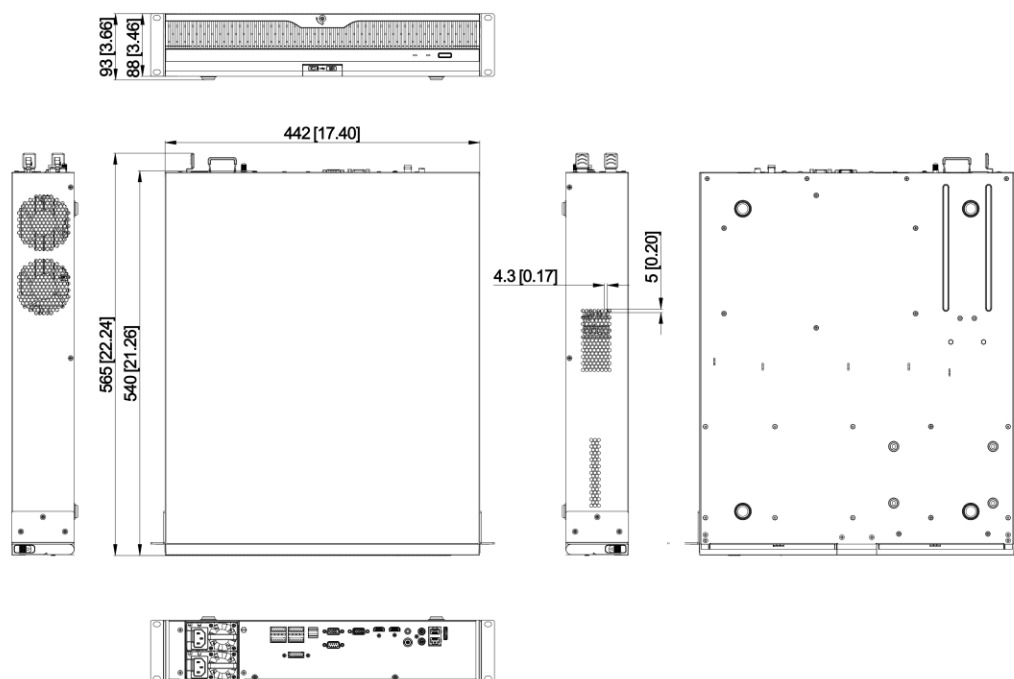
| No. | Description                  | No. | Description                                                      |
|-----|------------------------------|-----|------------------------------------------------------------------|
| 1   | eSATA interface              | 7   | RS-232 Serial interface                                          |
| 2   | LAN interfaces               | 8   | USB 3.0 interfaces                                               |
| 3   | Audio in and out             | 9   | Alarmin, alarm out, RS-485 serial interface, Ctrl 12V and DC 12V |
| 4   | Audio out and video out      | 10  | GND                                                              |
| 5   | HDMI 1 and HDMI 2 interfaces | 11  | 100 to 240 VAC power supply                                      |
| 6   | VGA 1 and VGA 2 interfaces   |     |                                                                  |



## Available Model

iDS-9632NXI-P8R(STD)

## Dimension



Unit:mm [inch]

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

# See Far, Go Further



[www.hikvision.com](http://www.hikvision.com)  
[support@hikvision.com](mailto:support@hikvision.com)

