

## iDS-9600NXI-I8/16S DeepInMind SERIES NVR



### Features and Functions

#### Human Body Detection

- Deep learning-based analysis: re-recognition of the human body target in behavior detection to filter false alarm

#### Video Input and Transmission

- Up to 32-ch IP cameras can be connected
- Connectable to the third-party network cameras

#### HD Video Output and Decoding

- H.265/H.265+/H.264/H.264+/MPEG4 self-adaptive
- Up to 8-ch decoding at 1080p resolution
- HDMI1/VGA1 and HDMI2/VGA2 simultaneous outputs provided
- HDMI1 output at up to 4K (4096 × 2160) resolution

#### Storage and Playback

- Full channel recording at up to 12 MP resolution
- Up to 8 TB capacity for each HDD supported
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- 8-ch synchronous playback at 1080p resolution

#### Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

#### Professional and Reliable

- ANR technology to enhance the storage reliability when the network is disconnected
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

#### Network & Ethernet Access

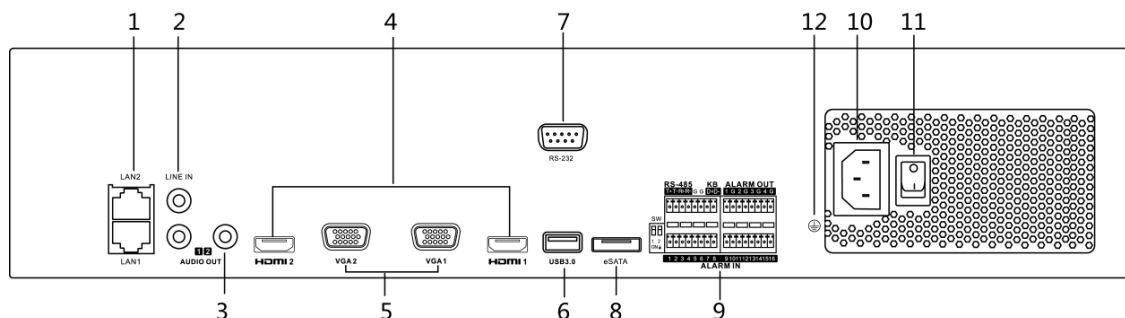
- Hik-Connect for easy network management
- 2 Gigabit Ethernet network interfaces



## Specifications

| Model                             | iDS-9632NXI-I8/16S              |   |
|-----------------------------------|---------------------------------|---|
| Human Body Detection and Analysis | False alarm filtering           | False alarm filtering for up to 16-ch behavior (line crossing, intrusion, region entrance and region exiting) detection   |
|                                   | Human body detection            | Re-recognition of up to 16-ch human body pictures   |
|                                   | Human body picture library      | Picture search by features, and picture comparison by similarity  |
| Video/Audio input                 | IP video input                  | 32-ch   |
|                                   | Incoming bandwidth              | 320 Mbps, or 200 Mbps (when RAID is enabled)  |
|                                   | Outgoing bandwidth              | 256 Mbps, or 200 Mbps (when RAID is enabled)  |
| Video/Audio output                | Recording resolution            | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF   |
|                                   | CVBS output (Optional)          | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480   |
|                                   | VGA1 /HDMI1 output resolution   | VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz<br>HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |
|                                   | VGA2 /HDMI2 output resolution   | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |
|                                   | Audio output                    | 2-ch, RCA (Linear, 1 KΩ)  |
| Decoding                          | Decoding format                 | H.265/H.265+/H.264/H.264+/MPEG4 self-adaptive   |
|                                   | Live view/Playback resolution   | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF   |
|                                   | Synchronous playback            | 16-ch   |
|                                   | Capability                      | 2-ch @ 8 MP (30fps) /8-ch @ 1080p (30fps)   |
| VCA                               | VCA detection                   | Human body detection, face detection, vehicle detection, line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio loss exception detection, sudden change of sound intensity detection, and defocus detection |
|                                   | VCA search                      | Human body search, behavior analysis, face detection, fire/ship/temperature/temperature difference detection video files and pictures; people counting and heat map statistics  |
| Network management                | Network protocols               | TCP/IP, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS   |
| Hard disk                         | SATA                            | 8 SATA interfaces   |
|                                   | eSATA                           | 1 eSATA interface   |
|                                   | Capacity                        | Up to 8TB capacity for each HDD   |
| Disk array                        | Array type                      | RAID0, RAID1, RAID5, RAID6, RAID10  |
| External interface                | Two-way audio                   | 1-ch, RCA (2.0 Vp-p, 1 k Ω)   |
|                                   | Network interface               | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface  |
|                                   | Serial interface                | RS-232; RS-485; Keyboard  |
|                                   | USB interface                   | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0   |
|                                   | Alarm in                        | 16  |
|                                   | Alarm out                       | 4 (8 optional)  |
| General                           | Power supply                    | 100 to 240 VAC, 50 to 60 Hz   |
|                                   | Max. Power                      | 200 W   |
|                                   | Consumption (without hard disk) | ≤ 70 W  |
|                                   | Working temperature             | -10 to +55° C (+14 to +131° F)  |
|                                   | Working humidity                | 10 to 90 %  |
|                                   | Chassis                         | 19-inch rack-mounted 2U chassis   |
|                                   | Dimensions (W × D × H)          | 445 × 470 × 90 mm (17.5" × 18.5" × 3.5")  |
| Weight (without hard disk)        | ≤ 10 kg (22 lb)                 |   |

## Physical Interfaces



| Index | Description           | Index | Description                    |
|-------|-----------------------|-------|--------------------------------|
| 1     | LAN1/LAN2 Interface   | 7     | RS-232 Interface               |
| 2     | LINE IN               | 8     | eSATA Interface                |
| 3     | AUDIO OUT             | 9     | Alarm In/Alarm Out, RS-485, KB |
| 4     | HDMI1/HDMI2 Interface | 10    | 100 to 240 VAC power supply    |
| 5     | VGA1/VGA2 Interface   | 11    | Power Switch                   |
| 6     | USB 3.0 Interface     | 12    | GND                            |

## Available Models

iDS-9632NXI-I8/16S

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