



## DS-9600NI-I16 Series NVR

### Available Models

DS-9632NI-I16, DS-9664NI-I16;

### Key Features

#### Professional and Reliable

- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Either Normal or Hot Spare working mode is configurable to constitute an N+1 hot spare system.

#### HD Input

- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 64 IP cameras can be connected
- Recording at up to 12 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 12 MP resolution

#### HD Output

- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

#### HD Storage

- Up to 16 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

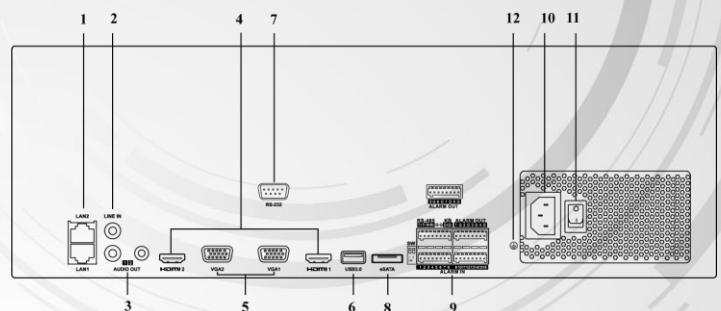
#### HD Transmission

- 2 self-adaptive 10M/100M/1000M network interfaces, and two working modes are configurable: multi-address and network fault tolerance

#### Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras from Hikvision and the recording, playing back, and backing up of VCA alarms can be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

### Physical Interfaces



| Index | Description   |
|-------|---|
| 1     | LAN1/LAN2 Interface, 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces provided. |
| 2     | LINE IN, RCA connector for audio input.   |
| 3     | AUDIO OUT, RCA connector for audio output.  |
| 4     | HDMI1/HDMI2, HDMI video output connector.   |
| 5     | VGA1/VGA2, DB9 connector for VGA output. Display local video output and menu.             |
| 6     | USB 3.0 Interface   |
| 7     | RS-232 Interface  |
| 8     | eSATA Interface   |
| 9     | Controller Port, Alarm In/Alarm Out   |
| 10    | 100 to 240 VAC power supply   |
| 11    | Power Switch  |
| 12    | GND   |



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### Specifications

| Model                      |                                 | DS-9632NI-I16   | DS-9664NI-I16 |
|----------------------------|---------------------------------|---|---------------|
| Video/Audio input          | IP video input                  | 32-ch   | 64-ch         |
|                            | Incoming bandwidth              | 320 Mbps  | 320 Mbps      |
|                            | Outgoing bandwidth              | 256 Mbps, or 200 Mbps (when RAID is enabled)  |               |
| Video/Audio output         | VGA1 /HDMI1 output resolution   | 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<br>HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |               |
|                            | VGA2 /HDMI2 output resolution   | VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz<br>VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz   |               |
|                            | Audio output                    | 2-ch, RCA (Linear, 1 K Ω)   |               |
| Decoding                   | Decoding format                 | H.265/H.264+/H.264/MPEG4  |               |
|                            | Recording 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                      | 4-ch @ 4K or 16-ch @ 1080p  |               |
| Hard disk                  | SATA                            | 16 SATA interfaces  |               |
|                            | eSATA                           | 1 eSATA interface   |               |
|                            | Capacity                        | 500GB/1TB/2TB/3TB/4TB/5TB/6TB   |               |
| Disk array                 | Array type                      | RAID0, RAID1, RAID5, RAID6, RAID10  |               |
| VCA                        | VCA events                      | IPC uploading supported   |               |
| 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/out                    | 16/8  |               |
| General                    | Power supply                    | 100 to 240 VAC, 50 to 60 Hz   |               |
|                            | Max. Power                      | 300 W   |               |
|                            | Consumption (without hard disk) | ≤ 45 W  |               |
|                            | Working temperature             | -10 to +55° C (14 to 131° F)  |               |
|                            | Working humidity                | 10 to 90 %  |               |
|                            | Chassis                         | 19-inch rack-mounted 3U chassis   |               |
|                            | Dimensions (W × D × H)          | 445 × 496 × 146 mm (17.5 × 19.5 × 5.7")   |               |
| Weight (without hard disk) | ≤ 12.5 Kg (27.6 lb)             |   |               |