

DS-9600NI-I8 SERIES NVR



Features and Functions

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
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

Video Input and Transmission

- Up to 64-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.264+ compression effectively reduces the storage space and costs by up to 50%
- Full channel recording at up to 12MP resolution

HD Video Output

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

Storage and Playback

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Smart search for efficient playback
- 8/16-ch synchronous playback at up to 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

Network & Ethernet Access

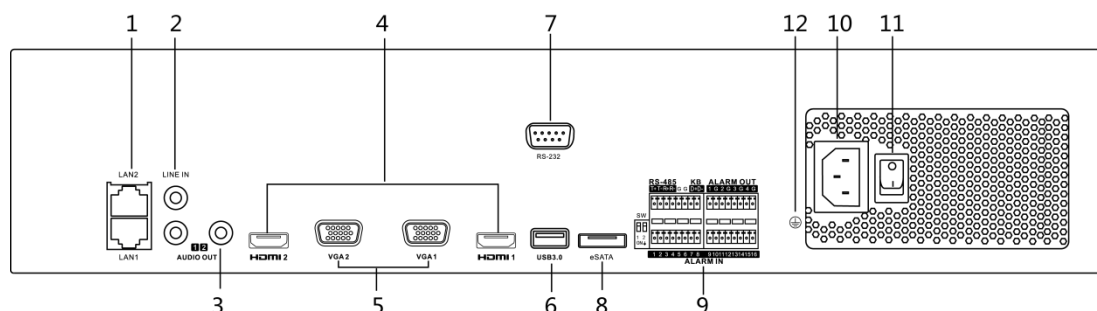
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 2 Gigabit Ethernet network interfaces



Specifications

| Model | | DS-9608NI-I8 | DS-9616NI-I8 | DS-9632NI-I8 | DS-9664NI-I8 |
|----------------------------|---------------------------------|---|--|--------------|--------------|
| Video/Audio input | IP video input | 8-ch | 16-ch | 32-ch | 64-ch |
| | | Up to 12 MP resolution | | | |
| | Two-way audio | 1-ch, RCA (2.0 Vp-p, 1 kΩ) | | | |
| Network | Incoming bandwidth | 128 Mbps | 256 Mbps or 200 Mbps (when RAID is enabled) | 320 Mbps | 320 Mbps |
| | Outgoing bandwidth | 256 Mbps, or 200 Mbps (when RAID is enabled) | | | |
| | Remote connection | 128 | | | |
| 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 | HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | |
| | VGA2 /HDMI2 output resolution | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | |
| | Audio output | 2-ch, RCA (2.0Vp-p, 1 KΩ) | | | |
| Decoding | Decoding format | H.265/H.265+/H.264/H.264+/MPEG4 | | | |
| | 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 | 8-ch | 16-ch | | |
| | Capability | 4-ch @ 4K or 16-ch @ 1080p | | | |
| 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 6TB capacity for each HDD | | | |
| Disk array | Array type | RAID0, RAID1, RAID5, RAID6, RAID10 | | | |
| | Number of arrays | 4 | | | |
| External interface | 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 | 16/4 | | | |
| General | Power supply | 100 to 240 VAC, 50 to 60 Hz | | | |
| | Max. Power | 200 W | | | |
| | Consumption (without hard disk) | ≤ 30 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 |
| 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

DS-9608NI-I8, DS-9616NI-I8, DS-9632NI-I8, DS-9664NI-I8

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