

DS-9600NI-I8 SERIES NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- 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

- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth, when RAID is enabled, it will restrict TLS stream outgoing bandwidth to 64 Mbps)
- Up to 64-ch IP cameras can be connected (up to 12 MP)
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- 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 for HDD connection
- 10TB capacity for each HDD
- 8/16-ch synchronous playback at up to 1080p resolution
- Important files management
- HDD health monitoring

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

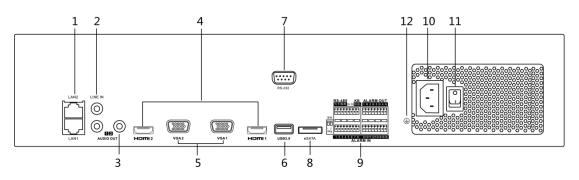
- Hik-Connect for easy network management
- 2 Gigabit Ethernet network interfaces





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| Network Incor Network Incor Network Incor Surper Incor Surper Incor Network Incor Surper Incor Network Incor Poecoding Incor Network Incor Network Incor Incor Surper Incor Surper Incor Su | | DS-9608NI-18 | DS-9616NI-18 | DS-9632NI-18 | DS-9664NI-18 | | | |
| Network Incor Network Incor Network Incor Second Second Network Incor Second Second Network Incor Network Incor Network Incor Network Incor Second Se | tides to set | 8-ch | 16-ch | 32-ch | 64-ch | | | |
| Two-NetworkIncomOutgOutgRemoOutgRemoCVBS(OptiVGASVideo/AudioVGASVideo/AudioVGASPoecodingVideo/AudioDecodingIveInterfaceSandNetworkNetworkManagementSATAHard diskSATAInterfaceArrayInterfaceNetworkInterfaceSardVideo/AudioSardInterfaceSardInterfaceNetworkInterfaceSardInterfac | video input | Up to 12 MP resolution | | | | | | |
| Network Outg Rem Outg Rem Outg Rem Reco CVBS (Opti CVBS (Opti CVBS CVB CVB | vo-way audio | 1-ch, RCA (2.0 Vp-p, 1 k Ω) | | | | | | |
| Network Outg Remains Records R | Incoming bandwidth | | 256 Mbps | 320 Mbps | 320 Mbps | | | |
| Outg Remains Video/Audio Video/Audio VGA3 (Opti VGA3 resol Audia Audia Deco Audia Deco Audia Deco Synch Capa Synch Capa Network management Network management Network Capa Disk array Disk array Num External interface Seria USB Alarr Powork Cons Const | | 128 Mbps | or 200 Mbps (when RAID is enabled) | | | | | |
| Video/Audio output Video/Audio VGA3 resol Audia Decoding Decoding Network management Network management Network management Network management Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Synch Capa Array Num Seria USB Alarr Seria USB Alarr | itgoing bandwidth | 256 Mbps, or 200 Mbps (when RAID is enabled) | | | | | | |
| Video/Audio Output Video/Audio VGA: resol Audio Audio Decoding Decoding Decoding Audio Synch Capa Network management Network management Network management Sarra Sara Sarra Sarra Sarra Sarra Sarra Sa | mote connection | 128 | | | | | | |
| Video/Audio output VGA: resol Audii Deco Audii Deco Synci Capa Network management Network management Network management Network management Sarray Disk array Disk array Disk array Array Num External interface Seria USB Alarr Powe Cons (with | cording resolution | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF | | | | | | |
| Video/Audio output VGA: resol Audii Deco Audii Deco Synci Capa Network management Network management Network management Network management Network management Synci Capa Synci Capa Synci Capa Network management Network management Seria USB Alarr Network Cons (with General | 'BS output ptional) | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480 | | | | | | |
| Pecoding Pecoding Pecoding Pecoding Pecoding VGA2 resol Audia Decod Syncl Syncl Capa Network management Network Pard disk SATA Capa Array Disk array Disk array Num External interface QCons (with General | GA1 /HDMI1 output | 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 | | | | | | |
| resol Audi Deco Decoding Decoding Decoding Sync Sync Capa Network management Networ Part disk External interface Networ Seria USB Alarr Powe Cons (with Seria | | VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | | | | |
| Decoding Decoding Decoding Live resol Syncl Capa Network management Network Mard disk External interface Array Num Seria USB Alarr Powo Cons (with Worl | A2 /HDMI2 output solution | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz | | | | | | |
| Decoding Decoding Synch Synch Capa Network management SATA Bard disk eSATA Capa SATA Capa Array Num Seria USB Alarr Powe Cons (with Worl | dio output | 2-ch, RCA (2.0Vp-p, 1 KΩ) | | | | | | |
| Decoding Decoding Syncl Syncl Capa Network management Network Maragement SATA SATA SATA Capa Disk array Disk array Num External interface Seria USB Alarr Powe Cons (with Worl | coding format | H.265/H.265+/H.264/H.264+/MPEG4 | | | | | | |
| Synch Synch Capa Network management Network management SATA SATA eSAT Capa SATA Capa Disk array Num External interface USB Alarr Powork Cons (with Work | e view/Playback solution | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF | | | | | | |
| Network management Network Hard disk eSAT Capa Disk array Num External interface USB Alarr Powe Cons (with Work | nchronous playback | 8-ch 16-ch | | | | | | |
| management Network Hard disk SATA ESAT Capa Disk array Num External interface USB Alarr Powe Cons (with Worl General | pability | 2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps) | | | | | | |
| Hard disk eSAT Capa Disk array Num External interface Seria USB Alarr Powe Cons (with Worl | twork protocols | TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS | | | | | | |
| Capa Disk array Array Num External interface Cons (with General | | 8 SATA interfaces 1 eSATA interface | | | | | | |
| Disk array Disk array Num Netw Seria USB Alarr Powe Cons (with Worl | ΑΤΑ | | | | | | | |
| Disk array Num External nterface VSB Alarr Powe Cons (with Worl | pacity | Up to 10TB capacity for each HDD | | | | | | |
| External interface Alarr Powe Cons (with Worl | Array type | | RAID0, RAID1, RAID5, RAID6, RAID10 | | | | | |
| External interface Alarr Powe Cons (with Worl | mber of arrays | 4 | | | | | | |
| General | twork interface | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface | | | | | | |
| General | rial interface | RS-232; RS-485; Keyboard | | | | | | |
| Powe Cons (with Worl General | B interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 | | | | | | |
| Cons (with Worl General | arm in/out | 16/4 | | | | | | |
| (with Worl General | wer supply | 100 to 240 VAC, 50 to 60 Hz, 2 A | | | | | | |
| General | nsumption ithout hard disk) | ≤ 30 W | | | | | | |
| | orking temperature | -10 °C to 55 °C (14 °F to 131 °F) | | | | | | |
| Worl | orking humidity | 10 to 90 % | | | | | | |
| Dime | mensions(W × D × H) | 445 × 470 ×90 mm (17.5"× 18.5" × 3.5") | | | | | | |
| Weig (with | eight ithout 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