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 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

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### Specifications

#### Model
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#### Video/Audio input
- **IP video input**: 32-ch, 64-ch
- **Incoming bandwidth**: 320 Mbps
- **Outgoing bandwidth**: 256 Mbps, or 200 Mbps (when RAID is enabled)

#### Video/Audio output
- **VGA1/HDMI1 output resolution**: H.265/H.264+/H.264/MPEG4
- **Recording resolution**: 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/VGA/4CIF/DCIF/CIF/QCIF
- **Synchronous playback**: 16-ch

#### 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/VGA/4CIF/DCIF/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
- **Array type**: RAID0, RAID1, RAID5, RAID6, RAID10

#### VCA
- **VCA events**: IPC uploading supported

#### External interface
- **Two-way audio**: 1-ch, RCA (Linear, 1 KΩ)
- **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)