Features and Functions

Face Detection and Analysis
- Powerful face pictures library management
- Face pictures comparison and alarm linkage actions
- Search by picture supported
- More precise face recognition and analytics based on deep learning algorithm

Video Input and Transmission
- Up to 64-ch IP cameras can be connected
- Connectable to the third-party network cameras

HD Video Output and Decoding
- Supports H.265+ decoding format
- Up to 16-ch decoding at 1080p resolution
- HDMI1/VGA1 and HDMI2/VGA2 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 6 TB capacity for each HDD supported
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- 16-ch synchronous playback at 1080p resolution

VCA & 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 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
## Specifications

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### Face detection and analytics

- Face picture library: 16 libraries
- Face Capture camera: 4-ch (HIKVISION/ONVIF/RTSP protocol)
- Face picture comparison alarm: 4-ch face pictures comparison alarm, alarm linkage actions: recording, audio warning, notify surveillance center, send Email
- Face picture search: Search by picture is supported

### Video/audio input

- 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

### Video/audio output

- VGA1 /HDMI1 output resolution: VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 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+/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: 16-ch
- Capability: 16-ch @ 1080p

### Hard disk

- SATA: 8 SATA interfaces
- eSATA: 1 eSATA interface
- Capacity: Up to 6 TB 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/out: 16/4 (16/8 is optional)

### General

- Power supply: 220 VAC
- 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

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Available Models
iDS-9632NXI-I8/4F, iDS-9664NXI-I8/4F

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