

DS-96000NI-I16/H SERIES NVR

Features and Functions

Professional and Reliable

• Pluggable HDD design provides a convenient HDD installation and maintenance way; Unique chassis based on patented design ensures environmental friendly and low-noise running.

TANA BARANCE

- Adopts professional embedded hardware and software, and pioneering dual-OS design to ensure the reliability of system running.
- Supports redundant power supply to improve the system stability.
- Adopts ANR technology to enhance the storage reliability when the network disconnected.
- Supports HDD hot swap with RAID0, RAID1, RAID5, RAID 6, and RAID10 storage scheme configurable.
- Either normal or hot spare working mode is configurable to constitute an N+1 hot spare system.
- Extension board is optional.

HD Input

- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- Up to 128/256 IP cameras can be connected.
- Supports live view, storage, and playback of the connected camera at up to 12 megapixels resolution.

HD Output

- Simultaneous HDMI 1/VGA output as the main output and the HDMI 2 works as the auxiliary output.
- Video outputs at up to 4K (4096×2160) resolution.
- Supports decoding up to 20 channels at 1080p resolution.

HD Storage

• Up to 16 SATA hard disks can be connected, for both recording and backup.

HD Transmission

• 4 self-adaptive 10M/100M/1000M network interfaces.

Various Applications

- Centralized management of IP cameras is supported, 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.
- VCA search for face detection, behavior analysis, people counting and heat map.
- Supports starting record with one key.
- Realizes 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.





Specifications

Model		DS-96128NI-I16/H	DS-96256NI-I16/H	
Video & Audio	IP video input	128-ch	256-ch	
input	Incoming/outgoing bandwidth	768 Mbps/512 Mbps	768 Mbps/768 Mbps	
	Incoming/outgoing bandwidth (RAID mode)	768 Mbps/512 Mbps	768 Mbps/768 Mbps	
	Protocol	HIKVISION, ACTI, ARECONT, AXIS, BOSCH, BRICKCOM, CANON, HUNT, ONVIF (Version 2.5), PANASONIC, PELCO, PSIA, RTSP, SAMSUNG, SONY, VIVOTEK, ZAVIO		
Video & Audio output	HDMI output	Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz		
	VGA output	1-ch. Resolution: 1080p (1920 × 1080) /60Hz, UXGA (1600 × 1200) /60Hz, SXGA (1280 × 1024) /60Hz, 720p (1280 × 720) /60Hz, XGA (1024 × 768) /60Hz		
	LCD output (optional)	One 7 inch LCD		
	Audio output	1-ch. RCA (2.0 Vp-p, 1 KΩ)		
Video & Audio	Decoding format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)		
decoding	Video resolution	12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF		
	Synchronous playback	Up to 16 channels		
	Capability	20-ch@1080p		
	Interface	16 SATA interfaces supporting hot-plug		
HDD	Capacity	Up to 8 TB for each HDD		
RAID	RAID Type	RAIDO, RAID1, RAID5, RAID 6, and RAID10		
Network	Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS		
management	Network interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	Serial port	1 RS-485, Keyboard		
	USB interface	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0		
External interface	Alarm input/output	16/8		
	Extension board (optional)	One extension board is supported with four 10M/100M/1000M optical interfaces (1.25 Gbps SFP module), eight RS-485 interfaces, and alarm interface of 32 alarm inputs and 16 alarm outputs.		
	Decoding board	1		
	Power supply	100 to 240 VAC, 550W		
	Fan	Redundant dual ball bearing fan; Speed adjustable; Hot-plug		
General	Consumption (without HDD)	≤ 140W		
	Working temperature	0 °C to + 50 °C (32 °F to 122 °F)		
	Working humidity	10% to 90%		
	Chassis	3U		
	Dimension (W × D × H)	442 × 494 × 146 mm (17.4 × 19.4 × 5.7 inch)		
	Weight (without HDD)	≤ 16 kg (35.3 lb)		

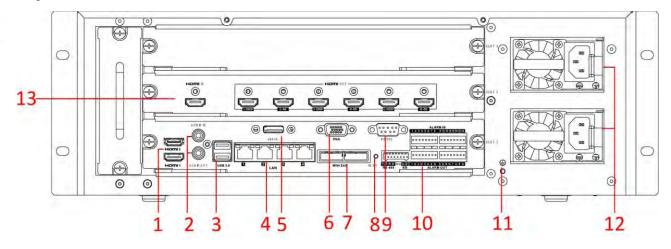


Specifications

Model		DS-96128NI-I16/H	DS-96256NI-I16/H	
	HDMI output/input	6/1		
	HDMI output	4K(3840x2160)/60Hz, 4K (3840x2160)/30Hz, 2K (2560x1440)/60Hz, 1080p (1920x1080)/60Hz,		
	resolution	SXGA (1280x1024)/60Hz, 720p (1280x720)/60Hz, XGA (1024x768)/60Hz		
	HDMI input resolution	1080p (1920x1080), SXGA (1280x1024), 720p 1280x720), XGA (1024x768)		
	Decoding capacity	48-ch@1080p		
Mala a mall	Decoding resolution	12 MP/8 MP/7 MP/6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIG/DCIF/2CIF/CIF/QCIF		
Video wall	Collage	Supported		
management	Auto-switch	Supported		
	Open window	Supported		
	Layer overlay	Supported		
	Window roaming	Supported		
	Display local signal	Supported		
	source on video wall			



Physical Interfaces



No.	Name	No.	Name
1	HDMI 1/2 Video Output	9	RS-232 Interface
2	Audio Input		Alarm Input
	Audio Output 10		Alarm Output
3	USB 3.0	10	RS-485 Interface
4	LAN		Keyboard Interface
5	eSATA Interface	11	Ground
6	VGA Video Output	12	Power Supplies
7	Mini SAS Interface	13	Decoding board
8	Reset Button		

Available Models

DS-96128NI-I16/H; DS-96256NI-I16/H

Distributed by

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