

DS-96000NI-I16 SERIES NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design.
- · 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.
- 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.

Video Input and Transmission

- Up to 128/256 IP cameras can be connected.
- Support live view, storage, and playback of the connected camera at up to 12 megapixels resolution.
- H.265+ compression effectively reduces the storage space by up to 75%.
- 4 self-adaptive 10M/100M/1000M network interfaces.
- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol)
- Connectable to the third-party network cameras like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.

HD Output

- Simultaneous HDMI 1/VGA output as the main output and the HDMI 2 works as the auxiliary output.
- HDMI and VGA1 simultaneous outputs by default. Asynchronous outputs configurable.
- Video outputs at up to 4K (4096×2160) resolution.
- Supports decoding up to 20 channels at 1080p resolution.

Storage and Playback

- Up to 16 SATA interfaces and 1 eSATA interface provided for HDD connection
- 10 TB capacity for each HDD.
- HDD health monitoring.
- Supports HDD quota and group modes; different capacity can be assigned to different channels.
- Normal/Important/Custom video playback.

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 facial 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.



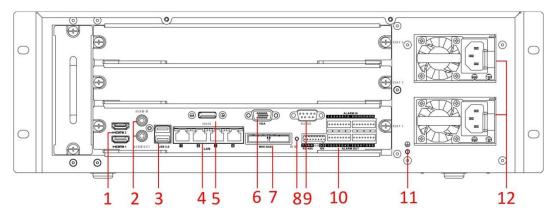


Specifications

Model		DS-96064NI-I16	DS-96128NI-I16	DS-96256NI-I16		
Video & Audio	IP video input	64-ch	128-ch	256-ch		
input	Incoming/outgoing bandwidth	512 Mbps/512 Mbps	576 Mbps/512 Mbps	768 Mbps/768 Mbps		
	Incoming/outgoing bandwidth (RAID mode)	512 Mbps/400 Mbps	576 Mbps/512 Mbps	768 Mbps/768 Mbps		
	TLS outgoing bandwidth	128 Mbps, or 64 Mbps (when RAID is enabled)				
	Protocol	HIKVISION, ACTI, ARECONT, AXIS, BOSCH, BRICKCOM, CANON, HUNT, ONVIF (Version 2.5), PANASONIC, PELCO, 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	4+, MPEG4, MJPEG (for Hikvisio	on 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	3-ch@12 MP (30fps), 5-ch@8 MP (30fps), 6-ch@6 MP (30fps), 10-ch@4 MP (30fps), 20-ch@1080p (30 fps)				
	Interface	16 SATA interfaces supporting hot-plug				
HDD	Capacity	Up to 10 TB for each HDD				
	Storage extension	1 × eSATA interface, 2 × mini SAS interface (optional)				
RAID	RAID Type	RAID0, 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	RS-232; RS-485; Keyboard				
External	USB interface	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0				
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.				
	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%				
	Dimension (W × D × H)	442 × 494 × 146 mm (17.4 × 19.4 × 5.7 inch)				
	Weight (without HDD)	≤ 16 kg (35.3 lb)				



Physical Interfaces



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

Available Models

DS-96064NI-I16, DS-96128NI-I16; DS-96256NI-I16

Distributed by

HIKVISION

Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 overseasbusiness@hikvision.com

Hikvision USA

T +1-909-895-0400 sales.usa@hikvision.com

Hikvision Italy T +39-0438-6902 info.it@hikvision.com

Hikvision Singapore T +65-6684-4718 sg@hikvision.com

Hikvision Africa T +27 (10) 0351172 sale.africa@hikvision.com **Hikvision Europe** T +31-23-55-42-770 info.eu@hikvision.com

Hikvision France T +33[0]1-85-330-450 info.fr@hikvision.com

Hikvision Oceania T +61-2-8599-4233 salesau@hikvision.com

Hikvision Hong Kong T +852-2151-1761

Hikvision Middle East T +971-4-8816086 salesme@hikvision.com

Hikvision Spain T +34-91-737-16-55 info.es@hikvision.com

Hikvision Canada T +1-909-895-0400 sales.usa@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Poland T +48-22-460-01-50 poland@hikvision.com

Hikvision Korea T +82-31-731-8841 sales.korea@hikvision.com Hikvision India T +91-22-28469900 sales@pramahikvision.com

Hikvision UK T +01628-902140 support.uk@hikvision.com

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com