

## DS-9600NI-I16 Series NVR



### Features and Functions

#### Professional and Reliable

- New Logical and Visualized GUI Design
- Professional Embedded Hardware and Software, and Pioneering Dual-OS Design To Ensure System Reliability
- Redundant Power Supply To Improve System Stability
- Configurable HDD Hot Swap with RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10 Storage Scheme
- Normal or Hot Spare Working Mode Configurable To an N+1 Hot Spare System

#### Video Input and Transmission

- Live View, Storage, and Playback Connected Cameras at up to 12 Megapixels Resolution
- H.265+ Compression Effectively Reduces Storage Space by up to 75%
- 4 Self-Adaptive 10M/100M/1000M Network Interfaces
- Stream Over TLS Encryption Technology (Enhanced SDK Service and RTP Over HTTPS Protocol)
- Connects to Third-Party Network Cameras such as ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, SAMSUNG, SANYO, SONY, Vivotek, and ZAVIO

#### HD Output

- Simultaneous HDMI 1/VGA output as Main Output and HDMI 2 as Auxiliary Output
- HDMI and VGA1 Simultaneous Outputs by Default, Asynchronous Outputs Configurable
- Video Outputs at up to 4K (4096 × 2160) Resolution
- Decodes up to 20 Channels at 1080p Resolution

#### Storage and Playback

- Up to 16 SATA Interfaces and 1 eSATA Interface for HDD Connection
- 10 TB Capacity for Each HDD
- HDD Health Monitoring
- HDD Quota and Group Modes; Different Capacity Can Be Assigned to Different Channels
- Normal/Important/Custom Video Playback

#### Various Applications

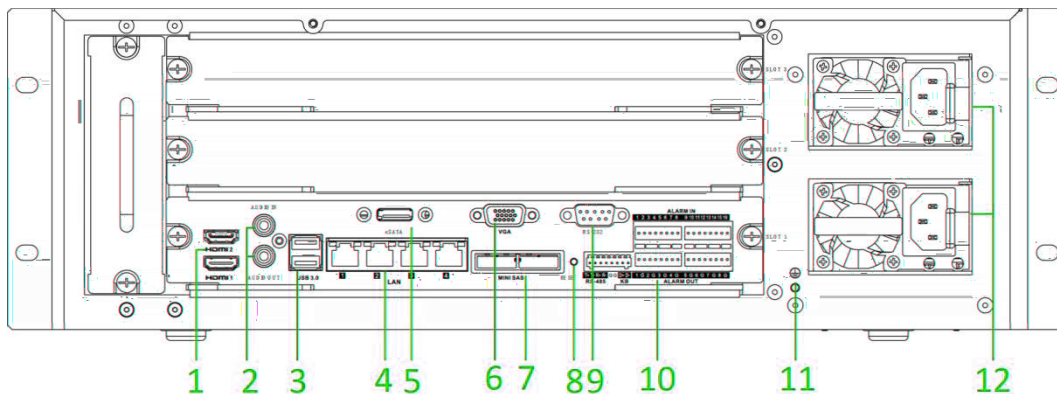
- Centralized Management of IP Cameras, including Configuration, Information Import/Export, Real-Time Information Display, Two-Way Audio, Upgrade, etc.
- Connects to Hikvision Smart IP Cameras and Records, Plays Back, and Backs Up VCA Alarms
- VCA Detection Alarm
- VCA Search for Facial Detection, Behavior Analysis, People Counting, and Heat Map
- Start Record with One Key
- Instant Playback for Assigned Channel During Multi-Channel Display Mode
- Smart Search for Selected Area in Video; and Smart Playback Improves Playback Efficiency



## Specifications

DS-96064NI-I16		
Video and Audio Input	IP Video Input	64-ch
	Incoming/Outgoing Bandwidth	512 Mbps/512 Mbps
	Incoming/Outgoing Bandwidth (RAID Mode)	512 Mbps/400 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 and Audio Output	HDMI Output	Two independent 4K resolution HDMI outputs. Resolution: 4K (4096 × 2160)/30 Hz, 4K (3840 × 2160)/60 Hz, 2K (2560 × 1440)/60 Hz, 1080p (1920 × 1080)/60 Hz, UXGA (1600 × 1200)/60 Hz, SXGA (1280 × 1024)/60 Hz, 720p (1280 × 720)/60 Hz, XGA (1024 × 768)/60 Hz
	VGA Output	1-channel resolution: 1080p (1920 × 1080)/60 Hz, UXGA (1600 × 1200)/60 Hz, SXGA (1280 × 1024)/60 Hz, 720p (1280 × 720)/60 Hz, XGA (1024 × 768)/60 Hz
	LCD Output (Optional)	One 7-inch LCD
	Audio Output	1-channel RCA (2.0 Vp-p, 1K Ω)
Video and Audio Decoding	Decoding Format	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)
	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 (30 fps), 5-ch @ 8 MP (30 fps), 6-ch @ 6 MP (30 fps), 10-c h@ 4 MP (30 fps), 20-ch @ 1080p (30 fps)
HDD	Interface	16 SATA interfaces supporting hot-plug
	Capacity	Up to 10 TB for each HDD
	Storage Extension	1x eSATA interface, 2x mini SAS interface (optional)
RAID	RAID Type	RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10
Network Management	Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, DDNS
	Network Interface	4x RJ-45 10M/100M/1000M self-adaptive Ethernet interface
External Interface	Two-Way Audio Input	1-channel RCA (2.0 Vp-p, 1K Ω)
	Serial Port	RS-232; RS-485; keyboard
	USB Interface	Front Panel: 2x USB 2.0; rear panel: 2x USB 3.0
	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
General	Power Supply	100 to 240 VAC, 50 to 60 Hz, 5 A.
	Fan	Redundant dual ball bearing fan, speed adjustable
	Consumption (without HDD)	≤140 W
	Working Temperature	0° C to +50° C (32° F to 122° F)
	Working Humidity	10% to 90%
	Dimensions (W × D × H)	442 mm × 494 mm × 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	10	Alarm Input
	Audio Output		Alarm Output
3	USB 3.0		RS-485 Interface
4	LAN		Keyboard Interface
5	eSATA Interface	11	Ground
6	VGA Video Output	12	Power Supplies
7	Mini SAS Interface (Optional)		

## Available Models

DS-96064NI-I16

Distributed by



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