

# DS-9600NI-18 SERIES NVR



## **Features and Functions**

#### **Professional and Reliable**

- New logical and visualized GUI design
- 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
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

## **Video Input and Transmission**

- Adopt stream over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides
  more secure stream transmission service (max. 128 Mbps TLS stream outgoing bandwidth, when RAID is enabled, it will
  restrict TLS stream outgoing bandwidth to 64 Mbps)
- Up to 64-ch IP cameras can be connected (up to 12 MP)
- Connectable to the third-party network cameras

#### **Compression and Recording**

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 12MP resolution

#### **HD Video Output**

- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

#### **Storage and Playback**

- Up to 8 SATA interfaces and 1 eSATA interface for HDD connection
- 10TB capacity for each HDD
- 8/16-ch synchronous playback at up to 1080p resolution
- Important files management
- · HDD health monitoring

### **Smart &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

#### **Network & Ethernet Access**

- Hik-Connect for easy network management
- 2 Gigabit Ethernet network interfaces



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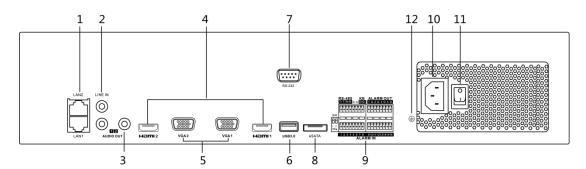


# Specifications

Model		DS-9608NI-I8	DS-9616NI-I8	DS-9632NI-I8	DS-9664NI-I8			
Video/Audio input	ID video input	8-ch	16-ch	32-ch	64-ch			
	IP video input	Up to 12 MP resolution						
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)						
Network	Incoming bandwidth	128 Mbps	256 Mbps	320 Mbps	320 Mbps			
		or 200 Mbps (when RAID is enabled)						
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)						
	Remote connection	128						
Video/Audio output	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 $\Omega$ ), resolution: PAL: 704 $\times$ 576, NTSC: 704 $\times$ 480						
	VGA1 /HDMI1 output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	resolution	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	VGA2 /HDMI2 output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz						
	Audio output	2-ch, RCA (2.0Vp-p, 1 KΩ)						
Decoding	Decoding format	H.265/H.265+/H.264/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/QCIF						
	Synchronous playback	8-ch	16-ch					
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)						
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS						
Hard disk	SATA	8 SATA interfaces						
	eSATA	1 eSATA interface						
	Capacity	Up to 10TB capacity for each HDD						
Disk array	Array type	RAIDO, RAID1, RAID5, RAID6, RAID10						
DISK all ay	Number of arrays	4						
External interface	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						
General	Power supply	100 to 240 VAC, 50 to 60 Hz						
	Max. Power	200 W						
	Consumption (without hard disk)	≤ 30 W						
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)						
	Working humidity	10 to 90 %						
	Dimensions(W × D × H)	445 × 470 ×90 mm (17.5"× 18.5" × 3.5")						
	Weight (without hard disk)	≤ 10 kg (22 lb)						



# **Physical Interfaces**



Index	Description	Index	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In/Alarm Out
4	HDMI1/HDMI2 Interface	10	100 to 240 VAC power supply
5	VGA1/VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND

# **Available Models**

DS-9608NI-I8, DS-9616NI-I8, DS-9632NI-I8, DS-9664NI-I8

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