

CE9600NI-I16 SERIES NVR



Features and Functions

Professional and Reliable

- 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
- Either Normal or Hot Spare working mode is configurable to constitute an N+1 hot spare system.

Video Input and Transmission

- 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 and costs by up to 75%
- Full channel recording at up to 12MP resolution
- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 16 SATA interfaces and 1 eSATA interface for HDD connection
- 10TB capacity for each HDD
- 4-ch synchronous playback at 4K or 16-ch at 1080p resolution
- Important files management and playback
- 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

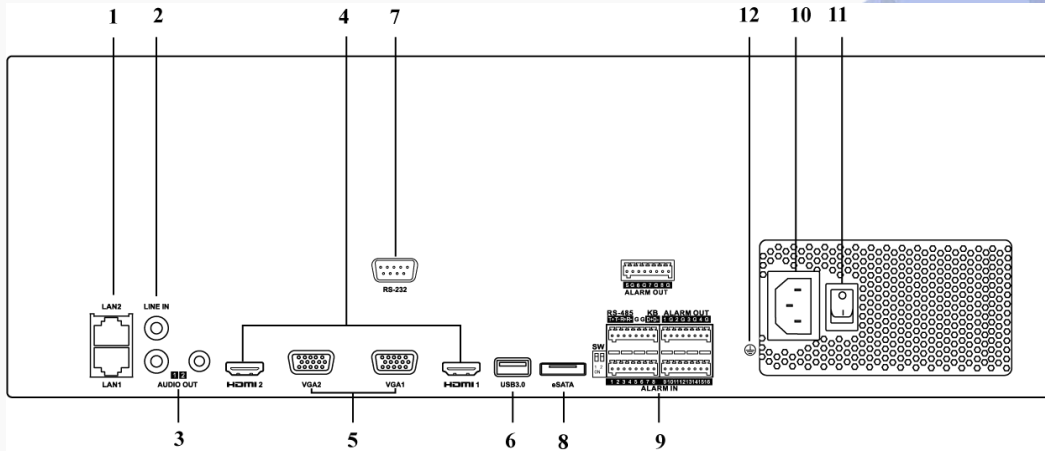
POS triggered recording and alarm

- Network & Ethernet Access
- HIK-Connect for easy network management
- 2 Gigabit Ethernet network interfaces

Specifications

Model		DS-9632NI-I16	DS-9664NI-I16
Video/Audio Input	IP video input	32-ch	64-ch
	Incoming bandwidth	320 Mbps	320 Mbps
		or 200 Mbps (when RAID is enabled)	
Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)		
Video/Audio Output	Recording resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	CVBS output (Optional)	1-ch, BNC(1.0Vp-p, 75Ω), resolution: PAL: 704×576, NTSC: 704×480	
	VGA-1 /HDMI-1 output resolution	VGA-1: 2K(2560×1440)/60Hz, 1920×1080/60Hz, 1280×104/60Hz, 1280×720/60Hz, 1024×768/60Hz	
		HDMI-1: 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	
	VGA-2 /HDMI-2 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/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	
Network Management	Network protocols	TCP/IP, DHCP, HIK-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard Disk	SATA	16 SATA interfaces	
	eSATA	1 eSATA interface	
	Capacity	Up to 10TB 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 10/100/1000Mbps 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	16/8	
General	Power supply	100 to 240 VAC, 50~60 Hz	
	Max. Power	300W	
	Consumption (Without harddisk)	≤ 45W	
	Working temperature	-10°C to 55 °C (14 °F to 131 °F)	
	Working humidity	10~90 %	
	Dimensions (W×D×H)	445 × 496 × 146 mm (17.5" × 19.5" × 5.7")	
	Weight (Without harddisk)	≤ 12.5 kg (27.6 lb)	

Physical Interfaces



Index	Description	Index	Description
1	LAN1/LAN2 Interface, 2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces provided.	7	RS-232 Interface
2	LINE IN, RCA connector for audio input.	8	eSATA Interface
3	AUDIO OUT, RCA connector for audio output.	9	Controller Port, Alarm In/Alarm Out
4	HDMI-1/HDMI-2, HDMI video output connector.	10	100 to 240 VAC power supply
5	VGA-1/VGA-2, DB9 connector for VGA output. Display local video output and menu.	11	Power Switch
6	USB 3.0 Interface	12	GND

HIKVISION
 Authorised Distributor

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