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DS-9600NI-XT NVR Series
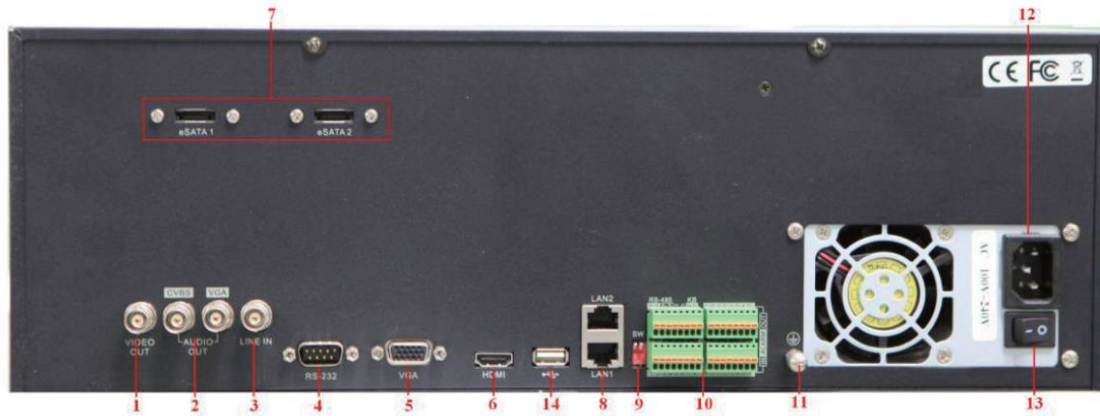

Introduction:

DS-9600NI-XT series NVR (Network Video Recorder) is a new generation recorder developed by Hikvision independently. Combined with multiple advanced technologies, such as audio and video encoding & decoding technology, embedded system technology, storage technology, network technology and intelligent technology. It can both work alone as a recorder and cooperate with other device to form a comprehensive surveillance system. The DS-9600NI-XT series NVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.

Available Models:

DS-9616NI-XT, DS-9632NI-XT, and DS-9664NI-XT
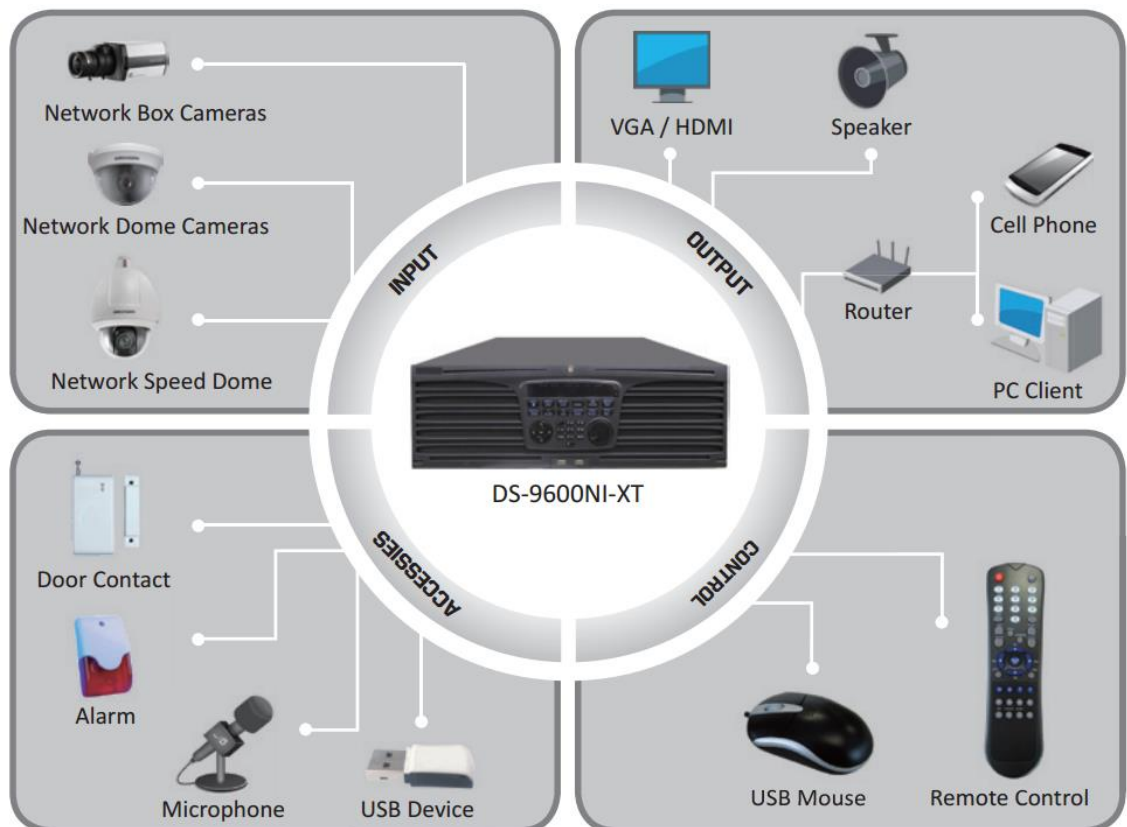
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Rear Panel of DS-9600NI-XT

Physical Interfaces:

① VIDEO OUT

② CVBS AUDIO OUT and VGA AUDIO OUT

③ LINE IN

④ RS-232 Serial Interface

⑤ VGA Interface

⑥ HDMI Interface

⑦ eSATA Interfaces

⑧ LAN1, LAN2 Network Interface

⑨ Termination Switch

⑩ RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT

⑪ GND

⑫ 100~240VAC Power Input

⑬ Power Switch

⑭ USB Interface

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Main Features:

- Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY and Vivotek and ZAVIO.

- Up to 64 network cameras can be connected.

- Support live view, storage, and playback of the connected camera with up to the resolution of 5 megapixels.

- Simultaneous HDMI, VGA and CVBS outputs; and respective live view and playback via VGA and HDMI outputs.

- New GUI and support starting record with one key;

- Redundant recording, holiday recording and capture schedule configuration;

- Realize instant playback for assigned channel during multi-channel display mode.

- Up to 16-ch synchronous playback at 4CIF resolution.

- Smart search for the selected area in the video.

- Customization of tags, searching, and playing back by tags.

- Locking and unlocking record files.

- Support HDD quota and group modes; different capacity can be assigned to different channel.

- Supports individual settings channel.

- Up to 16 SATA hard disks and 2 eSATA disks can be connected, for both recording and backup.

- Allows the User to download the video recorded and management/configuration/ playback/visualization from remote monitoring station.

- Allows local configuration, client software and web browser.

- NVR allows recording / configuration / visualization / settings.

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- 2 self-adaptive 10M/100M/1000M network interfaces, with working

- Modes configurable: multi-address, load balance, network fault tolerance, etc.

- Support Hikvision DDNS (Dynamic Domain Name System);

- Support Channel-zero encoding, which enables you to get a view in the remote client or IE browser of all the channels in one screen.

- Support network detection, including network delay, packet loss, etc.

- Adopt pioneering dual-OS design to ensure the security of system running.

- Able to operate 24 hours 7 days a week

INPUT
Network Box Cameras
Network Dome Cameras
Network Speed Dome

OUTPUT
VGA / HDMI
Speaker
Cell Phone
Router
PC Client

DS-9600NI-XT

ACCESSIES
Door Contact
Alarm
Microphone
USB Device

CONTROL
USB Mouse
Remote Control

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Specifications:

Model		DS-9616NI-XT	DS-9632NI-XT	DS-9664NI-XT
Video/Audio input	**IP video input**	16-ch	32-ch	64-ch
	Two-way audio	1-ch, BNC (2.0 Vp-p, 1kΩ)		
Network	**Incoming bandwidth**	30Mbps	80Mbps	160Mbps
	Outgoing bandwidth	30Mbps	80Mbps	160Mbps
	Remote Connection	128		
	System Compatibility:	ONVIF		
	Security:	User authentication, watermark		
	Protocols	IP, ICMP, HTTP, DHCP, DNS, DDNS, RTP, PPPoE, NTP, UPnP, IPv6. Firwmare update by FTP website		
Compression Standard	**Standard**	H.264, MPEG, MPEG4;		
Function	**Recording types**	Supports Multiple recording types, including manual, continuous motion alarm, motion alarm and motion alarm recording,		
	Schedule	Supports schedule recording types and paraments event video recording individually configurable.		
	Recording search	type of event, schedule , motion detection.		
Video/Audio output	**Recording resolution**	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF		
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω)Resolution: 704 ×576 (PAL); 704 ×480 (NTSC)		
	HDMI output	1-ch, resolution:1920 × 1080P /60Hz, 1920×1080P /50Hz, 1600 × 1200/60Hz, 1280		

	VGA output	1-ch, resolution:1920 × 1080P /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz,1280 ×720 /60Hz, 1024 ×768 /60Hz
	Audio output	2-ch, BNC (Linear, 600Ω)
	Playback resolution	5MP /3MP /1080P /UXGA /720P /VGA /4CIF /DCIF /2CIF /CIF
	Synchronous playback	16-ch
Hard disk	SATA	16 SATA interfaces for 16 HDDs
	eSATA	2 eSATA interfaces
	Capacity	Up to 4TB capacity for each HDD
External interface	Network interface	2 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interfaces
	Serial interface	RS-232; RS-485; Keyboard;
	USB interface	3 × USB 2.0
	Alarm in	16
	Alarm out	4
Others	Power supply	100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz
	Consumption (without hard disks)	≤ 45 W
	Working temperature	-10ºC a 55ºC
	Working humidity	10 % ~ 90 %
	Chassis	19-inch rack-mounted 3U chassis
	Dimensions	445 ×496 ×146 mm (17.52" ×19.52"× 5.74")
	Weight	≤ 12.5 Kg (27.56 lb) (without hard disks)
Certifications		CE, FCC, UL