

DS-N600 Series NVR

Introduction:

DS-N608-8P and DS-N616-16P series NVR (Network Video Recorder) is a new generation recorder developed independently. Combined with multiple advanced technologies, such as audio and video 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-N608-8P and DS-N616-16P series NVR are widely applied in the areas of finance, public security, military, communication, transportation, education, etc.

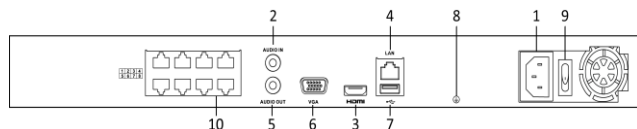
Main Features:

- Connectable to the third-party network cameras like like ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, PSIA, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO.
- 8/16 network cameras can be connected for different models.
- Support live view, storage, and playback of the connected camera with up to the resolution of 6 megapixels.
- Simultaneous HDMI and VGA outputs at up to 1920×1080 resolution.
- New GUI and support starting record with one key.
- Multiple recording types: manual, continuous, alarm, motion, motion | alarm, motion & alarm, and VCA.
- Realize instant playback for assigned channel during multi-channel display mode.
- Customization of tags, searching, and playing back by tags.
- Playback by sub-periods.
- Locking and unlocking record files.
- Support HDD quota mode; different capacity can be assigned to different channel.
- Up to 2 SATA hard disks can be connected with up to 6TB capacity for each.
- 1 self-adaptive 10M/100M/1000M network interface is provided.
- Up to 8/16 independent PoE network interfaces for different models.
- Support DDNS (Dynamic Domain Name System).
- Support network detection, including network delay, packet loss, etc.
- Support VCA detection alarm and VCA search.
- Mobile APP: CCTV Guard

HiWatch™



Physical Interfaces:



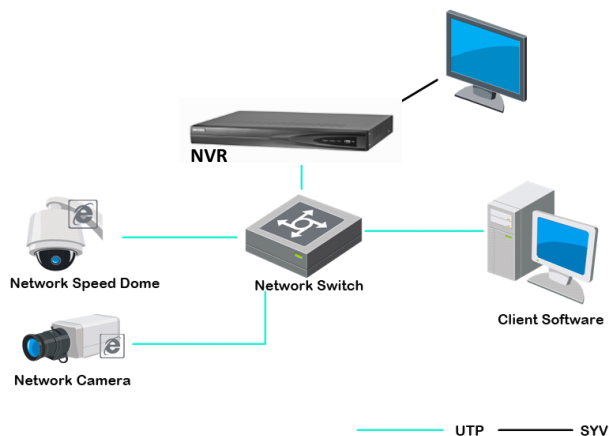
DS-608-8P



The rear panel of DS-N616-16P provides 16 independent 100 Mbps PoE network interfaces.

Index	Name
1	Power Supply
2	Audio In
3	HDMI Interface
4	LAN Network Interface
5	Audio Out
6	VGA Interface
7	USB Interface
8	Ground
9	Power Switch
10	Network Interfaces with PoE Function

Typical Connections:



Specifications:

Model		DS-N608-8P	DS-N616-16P
Video/Audio input	IP video input	8-ch	16-ch
	Two-way audio input	1-ch, RCA (2.0 V _{p-p} , 1kΩ)	
Network	Incoming bandwidth	80Mbps	160Mbps
	Outgoing bandwidth	80Mbps	
	Remote connection	128	
Video/Audio output	Recording resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Frame rate	Main stream: 50 fps (P) / 60 fps (N)	
		Sub-stream: 50 fps (P) / 60 fps (N)	
	HDMI/VGA output	1-ch, resolution: 1920 × 1080 /60Hz, 1600 × 1200 /60Hz, 1280 × 1024 /60Hz, 1280 × 720 /60Hz, 1024 × 768 /60Hz	
	Audio output	1-ch, RCA (Linear, 1kΩ)	
Decoding	Live view / Playback resolution	6MP/5MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Capability	8-ch@720P, 6-ch@1080P	16-ch@4CIF, 12-ch@720P, 6-ch@1080P
Hard disk	SATA	2 SATA interfaces for 2 HDDs	
	Capacity	Up to 6TB for each disk	
External interface	Network interface	1 RJ-45 10 /1000 Mbps self-adaptive Ethernet interface	
	USB interface	1 × USB 2.0 and 1 × USB 3.0	
	Alarm in/out	4 / 1	
PoE	Interface	8 independent 100 Mbps PoE network interfaces	16 independent 100 Mbps PoE network interfaces
	Max. Power	120W	200W
	Supported standard	AF and AT	
General	Power supply	100~240V AC	
	Consumption (without hard disk and PoE)	≤10W	≤15W
	Working temperature	-10 ℃ ~ +55 ℃ (+14 ℉ ~ +131 ℉)	
	Working humidity	10 % ~ 90 %	
	Chassis	19-inch rack-mounted 1U chassis	380 chassis
	Dimensions (W × D × H)	445 × 290 × 45mm (17.5" × 11.4" × 1.8")	380 × 290 × 48mm (15.0" × 11.4" × 1.9")
	Weight (without hard disk)	≤ 1 kg (2.2 lb)	