

NVR-100 SERIES NVR



Features and Functions

Video Input and Transmission

- Connectable to the third-party network cameras
- Up to 8 network cameras can be connected

Compression and Recording

- H.264+ compression effectively reduces the storage space and costs by up to 50%
- Full channel recording at up to 4 MP resolution

HD Video Output

- HDMI/VGA output at 1080p resolution

Storage and Playback

- Up to 2-ch synchronous playback at 4 MP resolution or 4-ch at 1080p resolution
- 1 SATA hard disks can be connected with 6TB capacity
- HDD quota and group modes; different capacity can be assigned to different channel

Smart Function

- Supports multiple VCA(Video Content Analytics) events detection
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- One-key operation: automatically search, modify and add IP cameras after device is activated

Network & Ethernet Access

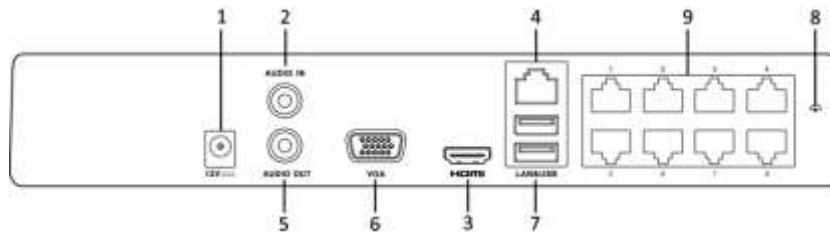
- Hik-Connect for easy network management
- 100 Mbps Ethernet network interface
- 4/8 independent 100 Mbps built-in switch network interfaces

Specifications

Model		NVR-104-A(/4P)	NVR-108-A(/8P)	
Video/Audio input	IP video input	4-ch	8-ch	
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)		
Network	Incoming bandwidth	40 Mbps	60 Mbps	
	Outgoing bandwidth	40 Mbps		
	Remote connection	64		
Video/Audio output	Recording resolution	4 MP/3 MP/1080p/1.3 MP/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, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
Audio output	1-ch, RCA (Linear, 1kΩ)			
Decoding	Live view/Playback resolution	4 MP/3 MP/1080p/1.3 MP /UXGA/720p/VGA/4CIF /DCIF/2CIF/CIF/QCIF		
	Capability	2-ch@4 MP, 4-ch@1080p		
Hard disk	SATA	1 SATA interface for 1 HDD		
	Capacity	Up to 6TB for each disk		
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DDNS, NTP, SADP, SMTP, UPnP™		
External interface	Network interface	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface		
	USB interface	2 × USB 2.0		
PoE (/4P,/8P model)	Interface	4 independent 100 Mbps PoE network interfaces	8 independent 100 Mbps PoE network interfaces	
	Max. Power	50 W	80 W	
	Supported standard	AF and AT		
General	Power supply	48 VDC (PoE Model) 12 VDC (None PoE model)		
	Consumption (without hard disk and PoE)	≤ 18 W		
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)		
	Working humidity	10 % to 90 %		
	Dimensions (W × D × H)	200*200*44.5	NVR-108-A:200*200*44.5 NVR-108-A/8P:285 × 215 × 48 mm	
	Weight (without hard disk)	≤ 1 kg (2.2 lb)		

Physical Interfaces

NVR-108-A/8P



The rear panel of NVR-104-A/4P provides 4 independent 100 Mbps built-in switch network interfaces.

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

Available Models

NVR-104-A
 NVR-104-A/4P
 NVR-108-A
 NVR-108-A/8P