PR-N7608-S1 & PR-N7616-S1 SERIES NVR

Features and Functions

Video Input and Transmission

- Up to 16-ch ONVIF conformant IP cameras input (max. incoming bandwidth: 160 Mbps)
- Live view of the connected camera at up to 6 MP resolution

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 6 MP resolution

Video Output

- HDMI output and VGA output at up to 1920×1080p resolution

Storage and Playback

- One SATA interface (up to 6TB of capacity per HDD)
- Up to 16-ch synchronous playback at 4CIF resolution
- Smart search for efficient playback
- USB 3.0 provides high-speed file transfer and backup

Smart Function

- Supports multiple VCA(Video Content Analytics) events for IP cameras

Network & Ethernet Access

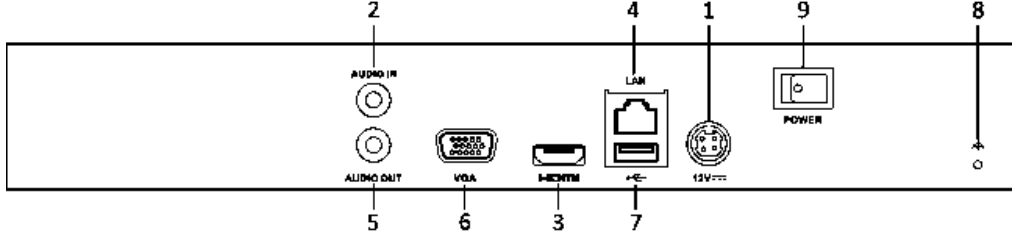- Hik-Connect for easy network management
- Gigabit Ethernet network interface

Specifications

Model			PR-N7608-S1	PR-N7616-S1
Video/Audio input	**IP video input**		8-ch	16-ch
	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1kΩ)		
Network	**Incoming bandwidth**		80 Mbps	160 Mbps
	Outgoing bandwidth			
	Remote connection		32	128
Video/Audio output	**Recording resolution**	6 MP/5 MP/4MP/3 MP/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**	6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF		
	Capability		8-ch@720p, 5-ch@1080p	16-ch@4CIF, 12-ch@720p, 6-ch@1080p
Network management	**Network protocols**	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	**SATA**	1 SATA interface for 1 HDD		
	Capacity	Up to 6 TB for each disk		
External interface	**Network interface**	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
	USB interface	1 × USB 2.0 and 1 × USB 3.0		
	Alarm in/out (Optional)	4/1		
General	**Power supply**	12 VDC		
	Consumption (without hard disk)	≤ 10 W		
	Working temperature	-10 ºC to +55 ºC (+14 ºF to +131 ºF)		
	Working humidity	10 % to 90 %		
	Chassis	Standalone 1U chassis		
	Dimensions (W × D × H)	315 × 240 × 48 mm (12.4" × 9.4" × 1.9")		
	Weight (without hard disk)	≤ 1 kg (2.2 lb)		

Physical Interfaces

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