ENR320-16S

16CH 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

HD Input

- H.265/H.264+/H.264/MPEG4 video formats
- Connectable to the third-party network cameras
- Up to 32 IP cameras can be connected
- Recording at up to 8 MP resolution
- Supports live view, storage, and playback of the connected camera at up to 8 MP resolution

HD Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 ×2160)resolution

HD Storage

- Up to 2 SATA interfaces connectable for recording and backup
- Storage space effectively saved by 50% to 70% with the use of H.264+ decoding format

HD Transmission

- 1self-adaptive 10M/100M/1000M network interface

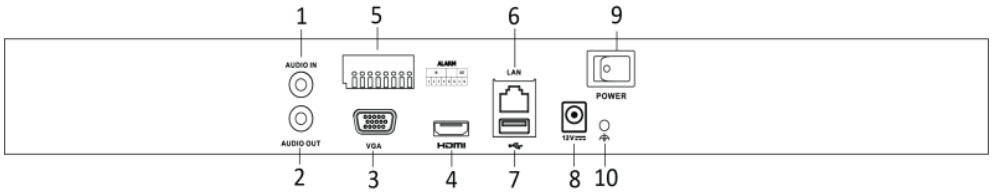
Various Applications

- Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.
- Connectable to smart IP cameras and the recording, playing back, and backing up of VCA alarm scan be realized
- VCA detection alarm is supported
- Instant playback for assigned channel during multi-channel display mode
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports HDD quota and group modes; different capacity can be assigned to different channels

Specifications

ENR320-16S		
Video/Audio Input	IP Video Input	16-ch
	Incoming bandwidth	160 Mbps
	Outgoing bandwidth	160 Mbps
Video/Audio Output	HDMI output resolution	4K (3840×2160)/60Hz,4K (3840×2160)/30Hz,1920×1080p/60Hz,1600×1200/60Hz,1280×1024/60Hz,1280×720/60Hz,1024×768/60Hz
	VGA output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Audio output	1-ch, RCA (Linear, 1KΩ)
Decoding	Decoding format	H.265/H.264+/H.264/MPEG4
	Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous playback	16-ch
	Capacity	2-ch @ 4K, or 8-ch @ 1080p
Network management	Network protocols	TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	2 SATA interfaces for 2HDDs
	eSATA	Up to 6TB capacity for each HDD
External interface	Two-way audio	1-ch, RCA (2.0 Vp-p, 1kΩ)
	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	4/1
General	Power supply	120 VDC
	Power	≤40W
	Consumption (without hard disk)	≤15W (without enabling PoE)
	Working temperature	-10 to+55°C (14 to131°)
	Working humidity	10 - 90%
	Chassis	385 mm chassis
	Dimension (W × D × H)	385 × 315× 52 mm (15.2" × 12.4" × 2.0")
	Weight (withoutHDD)	≤ 1 kg (2.2 lb)

Physical Interfaces



Index	Description	Index	Description
1	AUDIO IN	6	LAN Network Interface
2	AUDIO OUT	7	USB 3.0 Interface.
3	VGA Interface	8	GND
4	HDMI Interface	9	12 VDC power supply
5	Controller Port, Alarm In/Alarm Out	10	Power Switch