

ENRA10-64

64CH NVR with 8 hot swappable hard drive



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
- HDD hot swap with RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Adopt ANR technology to enhance the storage reliability when the network disconnected.
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

Video Input and Transmission

- Up to 64-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.264+ compression effectively reduces the storage space and costs by up to 50%
- Full channel recording at up to 12MP resolution

HD Video Output

- HDMI1/VGA1 and HDMI2/VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 8 SATA interfaces and 1 eSATA interface connectable for recording and backup
- Smart search for efficient playback.
- 8/16-ch synchronous playback at up to 1080p resolution

Smart & POS Function

- Supports multiple VCA(Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

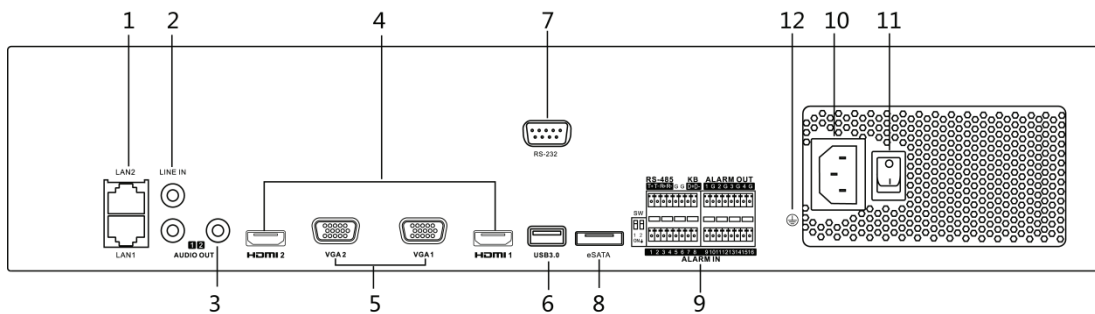
- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 2 Gigabit Ethernet network interfaces; Host and user authentication (up to 20 users)

Specifications

ENRA10-64		
Video/Audio Input	IP Video Input	64-ch Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 kΩ)
Network	Incoming bandwidth	320 Mbps
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)
	Remote connection	128
Video/Audio Output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	VGA1 /HDMI1 output resolution	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	VGA2 /HDMI2 output resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Audio output	2-ch, RCA (2.0Vp-p, 1 KΩ)
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4/MJPEG
	Live view/Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous playback	16-ch
	Capacity	4-ch @ 4K or 16-ch @ 1080p
Network management	Network protocols	TCP/IP, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, RTP, UDP/IP, HTTP, FTP, SNMP
Hard disk	SATA	8 SATA interfaces
	eSATA	1 eSATA interface
	Capacity	Up to 6TB capacity for each HDD
Disk array	Array type	RAID0, RAID1, RAID5, RAID6, RAID10
	Number of arrays	4
External interface	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	Serial interface	RS-232; RS-485; Keyboard
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	16/4
General	Power supply	100 to 240 VAC, 50 to 60 Hz
	Max. Power	200 W

Consumption (without hard disk)	≤ 30 W
Working temperature	-10 to +55° C (+14 to +131° F)
Working humidity	10%to 90%
Chassis	19-inch rack-mounted 2U chassis
Dimension (W × D × H)	445 × 470 ×90 mm (17.5"× 18.5"× 3.5")
Weight (withoutHDD)	≤ 10 kg (22 lb)

Physical Interfaces



Index	Description	Index	Description
1	LAN1/LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In/Alarm Out
4	HDMI1/HDMI2 Interface	10	100 to 240 VAC power supply
5	VGA1/VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND