

EL-0846NI-E2 SERIES NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

- Up to 32-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 12MP resolution

HD Video Output

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

Storage and Playback

- Up to 2 SATA interfaces for HDD connection
- Smart search for efficient playback
- 8/16-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- Important files management
- HDD health monitoring

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

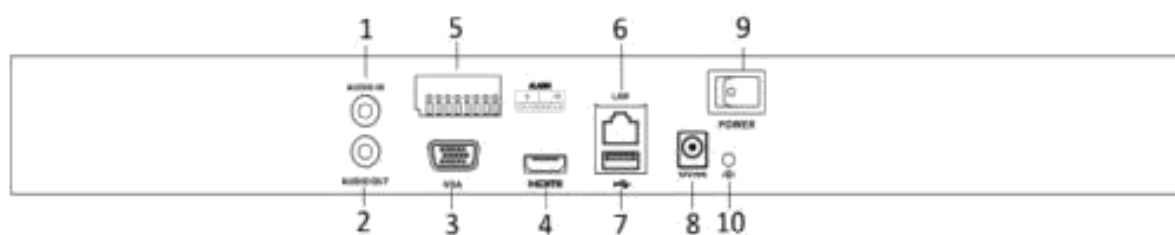
- Hik-Connect for easy network management
- Gigabit Ethernet network interface



Specifications

Model		EL-0846NI-E2	EL-1646NI-E2	EL-3246NI-E2
Video/Audio input	IP video input	8-ch	16-ch	32-ch
		Up to 12 MP resolution		
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)		
Network	Incoming bandwidth	80 Mbps	160 Mbps	256 Mbps
	Outgoing bandwidth	256 Mbps		
	Remote connection	32	128	
	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 \times 576, NTSC: 704 \times 480		
	HDMI output resolution	4K (3840 \times 2160)/60Hz, 4K (3840 \times 2160)/30Hz, 1920 \times 1080p/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz		
	VGA output resolution	1920 \times 1080p/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz		
	Audio output	1-ch, RCA (Linear, 1 k Ω)		
Decoding	Decoding format	H.265/ H.265+/H.264/H.264+/MPEG4		
	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	8-ch	16-ch	16-ch
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)		
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	2 SATA interfaces for 2HDEL		
	Capacity	Up to 8TB capacity for each HDD		
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
	USB interface	Front panel: 1 \times USB 2.0; Rear panel: 1 \times USB 3.0		
	Alarm in/out	4/1		
General	Power supply	12 VDC		
	Power	≤ 40 W		
	Consumption (without hard disk)	≤ 15 W		
	Working temperature	-10 to +55 $^{\circ}$ C (+14 to +131 $^{\circ}$ F)		
	Working humidity	10 to 90 %		
	Chassis	385 mm chassis		
	Dimensions(W \times D \times H)	385 \times 315 \times 52 mm (15.2" \times 12.4" \times 2.0")		
	Weight(without hard disk)	≤ 1 kg (2.2 lb)		

Physical Interfaces



Index	Description	Index	Description
1	AUDIO IN	6	LAN Interface
2	AUDIO OUT	7	USB 3.0 Interface
3	VGA Output (DB9 Connector)	8	GND
4	HDMI Interface	9	100 to 240 VAC power supply
5	Controller Port, Alarm In/Alarm Out	10	Power Switch

Available Models

EL-0846NI-E2, EL-1646NI-E2, EL-3246NI-E2

Distributed by



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