

Specifications

Model		DS-96128NI-I24/H	DS-96256NI-I24/H
Video & Audio input	IP video input	128-ch	256-ch
	Incoming/outgoing bandwidth	768 Mbps/512 Mbps	768 Mbps/768 Mbps
	Incoming/outgoing bandwidth (RAID mode)	768 Mbps/512 Mbps	768 Mbps/768 Mbps
	Protocol	HIKVISION, ACTi, ARECONT, AXIS, BOSCH, BRICKCOM, CANON, HUNT, ONVIF (Version 2.5), PANASONIC, PELCO, PSIA, RTSP, SAMSUNG, SONY, VIVOTEK, ZAVIO	
Video & Audio output	HDMI output	Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160) /30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	
	VGA output	1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	
	LCD output (optional)	One 7 inch LCD	
	Audio output	1-ch. RCA (2.0 Vp-p, 1 KΩ)	
Video & Audio decoding	Decoding format	H.265, H.265+, H.264, H.264+,MPEG4, MJPEG (for Hikvision IP camera only)	
	Video resolution	12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Synchronous playback	Up to 16 channels	
	Capability	20-ch@1080p	
HDD	Interface	24 SATA interfaces supporting hot-plug	
	Capacity	Up to 8 TB for each HDD	
RAID	RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	
Network management	Protocol	IPv6, HTTPS, UPnP, SNMP, NTP, SADP, SMTP, NFS, ISCSI, PPPoE, DDNS	
	Network interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	
	Serial port	1 RS-485, Keyboard	
	USB interface	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	
	Alarm input/output	16/8	
	Extension board (optional)	One extension board is supported with four 10M/100M/1000M optical interfaces (1.25 Gbps SFP module), eight RS-485 interfaces, and alarm interface of 32 alarm inputs and 16 alarm outputs.	
	Decoding board	1	
General	Power supply	100 to 240 VAC, 550W	
	Fan	Redundant dual ball bearing fan; Speed adjustable; Hot-plug	
	Consumption (without HDD)	≤ 140W	
	Working temperature	0 °C to + 50 °C (32 °F to 122 °F)	
	Working humidity	10% to 90%	
	Chassis	4U	
	Dimension (W × D × H)	447 × 528 × 172mm (17.6 × 20.8 × 6.8 inch)	
	Weight (without HDD)	≤ 23 kg (50.7 lb)	

Specifications

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Video wall management	HDMI output/input	6/1	
	HDMI output resolution	4K (3840x2160)/60Hz, 4K (3840x2160)/30Hz, 2K (2560x1440)/60Hz, 1080p (1920x1080)/60Hz, SXGA (1280x1024)/60Hz, 720p (1280x720)/60Hz, XGA (1024x768)/60Hz	
	HDMI input resolution	1080p (1920x1080), SXGA (1280x1024), 720p 1280x720, XGA (1024x768)	
	Decoding capacity	48-ch@1080p	
	Decoding resolution	12 MP/8 MP/7 MP/6 MP/5 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	
	Collage	Supported	
	Auto-switch	Supported	
	Open window	Supported	
	Layer overlay	Supported	
	Window roaming	Supported	
	Display local signal source on video wall	Supported	