

DS-96128NI-M16 M Series 8K NVR

Key Feature

- Up to 128-ch IP camera inputs
- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@16 MP/8-ch@8 MP/16ch@4 MP/32-ch@1080p decoding capacity
- Up to 400 Mbps incoming bandwidth and 400 Mbps outgoing bandwidth
- 2 HDMI (different source) and 2 VGA (different source) interfaces, 8K or dual 4K video outputs
- Supports special cameras, including people counting camera,
 ANPR (automatic number plate recognition) camera, and
 fisheye camera
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively avoids data loss risks

















Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- · Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K or dual 4K resolution

Storage and Playback

- 16 SATA interfaces for HDD connection (up to 16 TB capacity per HDD)
- 1 eSATA interface for HDD connection
- 16-ch synchronous playback





Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

Network & Ethernet Access

- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Specification

Video and Audio					
IP Video Input	128-ch				
Incoming Bandwidth	400 Mbps				
Outgoing Bandwidth	400 Mbps				
HDMI 1 Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz				
HDMI 2 Output	4K (3840 \times 2160)/60Hz, 4K (3840 \times 2160)/30Hz, 2K (2560 \times 1440)/60Hz, 1920 \times 1080/60Hz, 1600 \times 1200/60Hz, 1280 \times 1024/60Hz, 1280 \times 720/60Hz, 1024 \times 768/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.				
VGA 1 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz				
VGA 2 Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz				
Video Output Mode	HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output				
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480				
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)				
Audio Output	2-ch, RCA (Linear, 1 KΩ)				
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)				
Decoding					
Decoding Format	H.265+/H.265/H.264+/H.264				
Recording Resolution	32 MP/24 MP/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	16-ch				



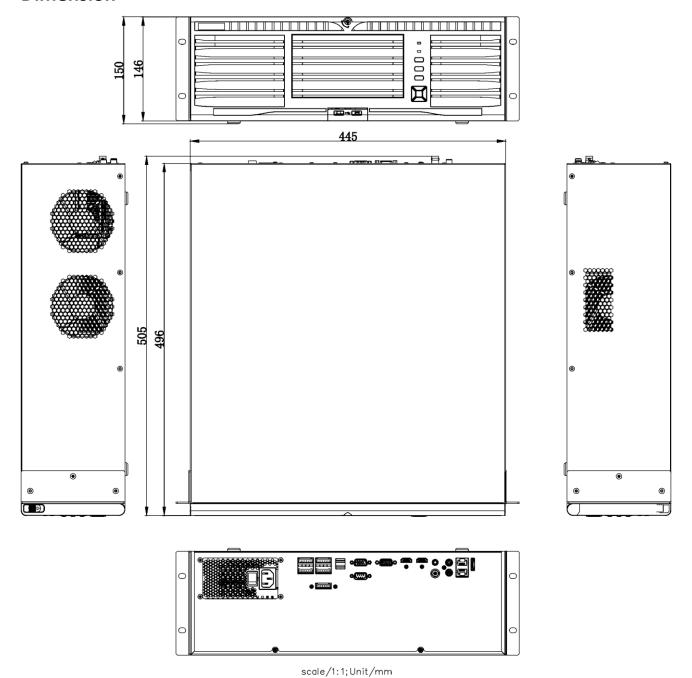


	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@16 MP (30 fps)/8-ch@8 MP (30		
Decoding Capability	fps)/16-ch@4 MP (30 fps)/32-ch@2 MP (30 fps)		
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM		
Network			
	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP,		
Network Protocol	UPnP™, HTTP, HTTPS		
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface		
RAID			
RAID Type	RAIDO, RAID1, RAID5, RAID6, RAID10		
Auxiliary Interface			
Serial Interface	1 RS-485 (full-duplex), 1 RS-232		
SATA	16 SATA interfaces supporting hot-plug		
eSATA	1 eSATA interface		
Capacity	Up to 16 TB capacity for each disk		
Alarm In/Out	16/9		
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0		
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; The power will be		
	turned on when the alarm output is triggered.		
	*: The Ctrl 12V power is controlled by alarm output 9.		
DC 12V	12 VDC, 1 A power output		
General			
Power Supply	100 to 240 VAC, 50 to 60 Hz		
Consumption	≤ 50 W (without HDD)		
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)		
Working Humidity	10% to 90%		
Chassis	3U chassis		
Dimension (W × D × H)	445 × 496 × 150 mm (17.5" × 19.5" × 5.9")		
Weight	≤ 12.5 kg (without HDD, 27.6 lb.)		
Certification			
Obtained Certification	CE, FCC		
FCC	Part 15 Subpart B, ANSI C63.4-2014		
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4		





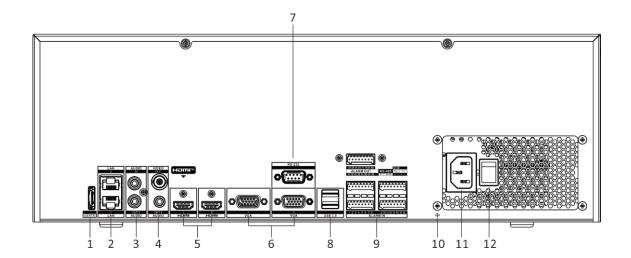
Dimension







Physical Interface



No.	Description	No.	Description
1	eSATA interface	7	RS-232 Serial interface
2	LAN interfaces	8	USB 3.0 interfaces
3	Audio in and out	9	Alarm in, alarm out, RS-485 serial interface,
			Ctrl 12V and DC 12V
4	Audio out and video out	10	GND
5	HDMI 1 and HDMI 2 interfaces	11	100 to 240 VAC power supply
6	VGA 1 and VGA 2 interfaces	12	Power Switch

Available Model

DS-96128NI-M16

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