

DS-9664NI-M8/R
64-ch 2U 8K NVR

- Up to 64 channel IP cameras can be connected
- Up to 12 MP high-definition live view, storage and playback
- Up to 400 Mbps high incoming bandwidth ensures IP cameras can be connected
- 2 HDMI (different source) and 2 VGA (different source) interfaces
- 8 HDD can be used for continuous video recording
- Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks
- Up to 8-ch IP speakers can be connected

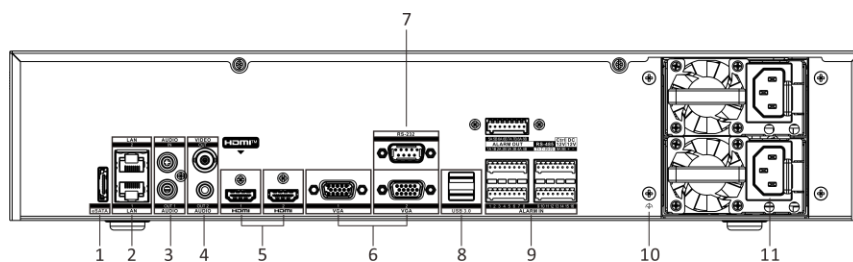
▪ Specification

Video and Audio	
IP Video Input	64-ch Up to 32 MP resolution *: The NVR supports up to 8-ch 32/24/16 MP IP video inputs.
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
HDMI 2 Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz *: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p.
VGA 1 Output	1920 × 1080/60Hz
VGA 2 Output	1920 × 1080/60Hz
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 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/16MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 8-ch 32/24/16 MP IP video inputs, all channels for less than 16 MP.
Synchronous playback	16-ch
Decoding Capability	2-ch@32 MP (30 fps); 3-ch@24 MP (30 fps); 4-ch@16MP (30 fps); 6-ch@12MP (30 fps);10-ch@8 MP (30 fps); 13-ch@6 MP (30 fps);16-ch@5 MP (30 fps);20-ch@4 MP (30 fps);40-ch@1080p (30 fps)
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM
Network	
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF(Version 2.5), RTSP
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Auxiliary Interface	
Serial Interface	1 RS-485 (full-duplex), 1 RS-232
SATA	8 SATA interfaces
eSATA	1 eSATA interface
Capacity	Up to 20 TB capacity for each disk
Alarm In/Out	16/9
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0

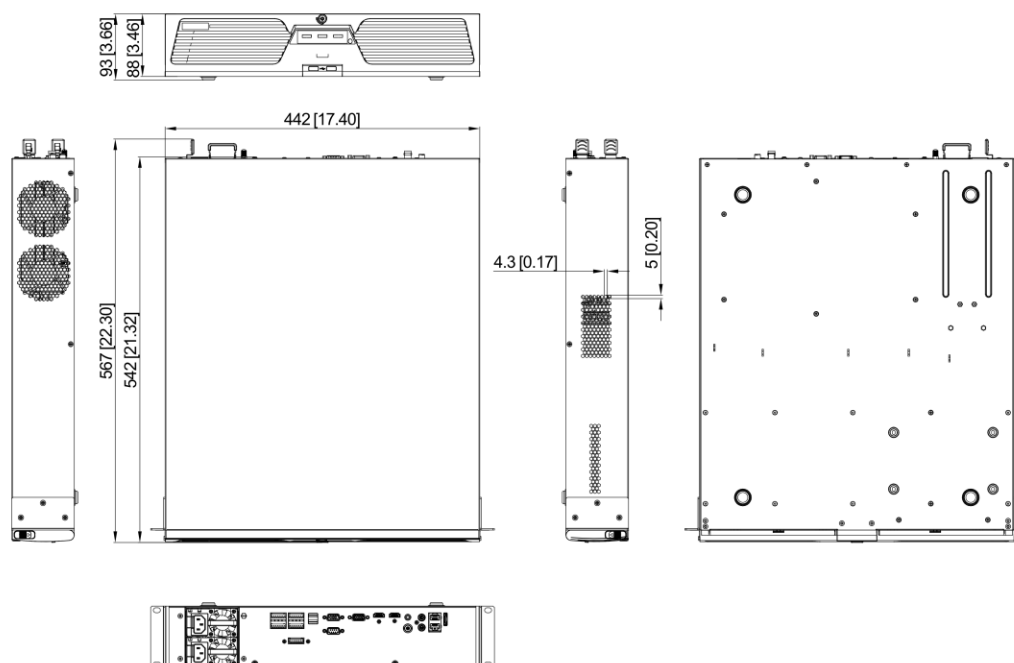
Ctrl 12V	Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz, redundant power supply
Consumption	≤ 50 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Chassis	2U chassis
Dimension (W × D × H)	445 × 540 × 93 mm (17.5"× 21.3" × 3.7")
Weight	≤ 10 kg (without HDD, 22 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
Cyber Security	
EN 303645	Support
Secure Boot	Support
Secure Component Verification SVC	Support
Password Protection	Support
IP & MAC Address Filtering	Support
HTTPS Encryption	Support
Live View & Playback Stream Encryption	Support : AES128
IEEE802.1X(EAP-TLS) Network Access Control	Support
Signed Firmware	Support
Others	Digest authentication: Support User access log : Support Centralized certificate management : Support Brute force delay protection : Support

▪ 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		



Dimension



Unit:mm [inch]

SCALE 1:1

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