

DS-8608NI-I8(B) Series NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 8-ch IP camera inputs
- Up to 1-ch@32 MP/2-ch@12 MP/08-ch@1080p decoding capacity
- Up to 128 Mbps incoming bandwidth
- HDD hot swapping with RAID 0/1/5/6/10



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 4K resolution

Storage and Playback

- Hot-swappable HDD with configurable RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme
- Up to 8 SATA interfaces for HDD connection
- 8-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

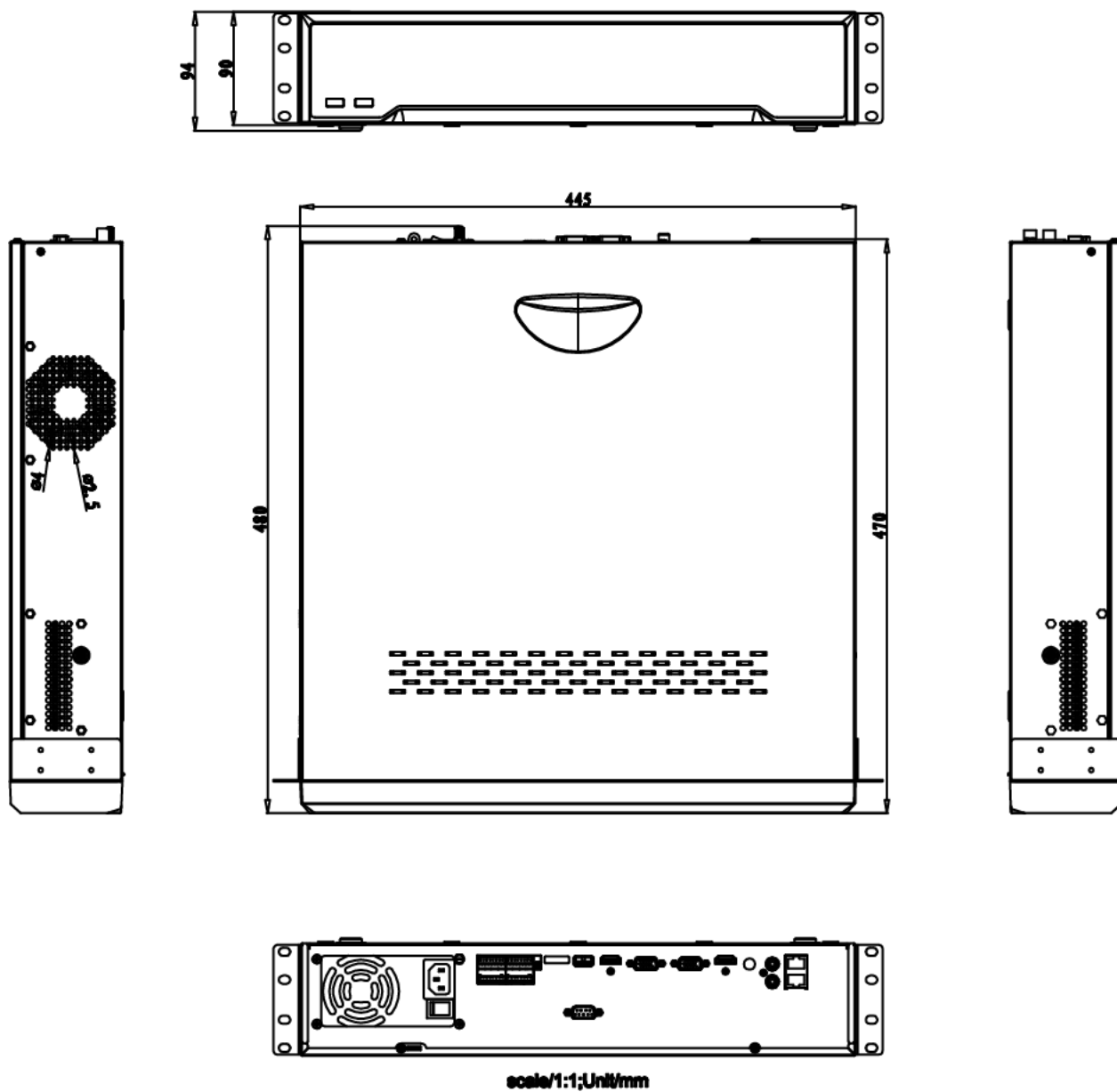


Specification

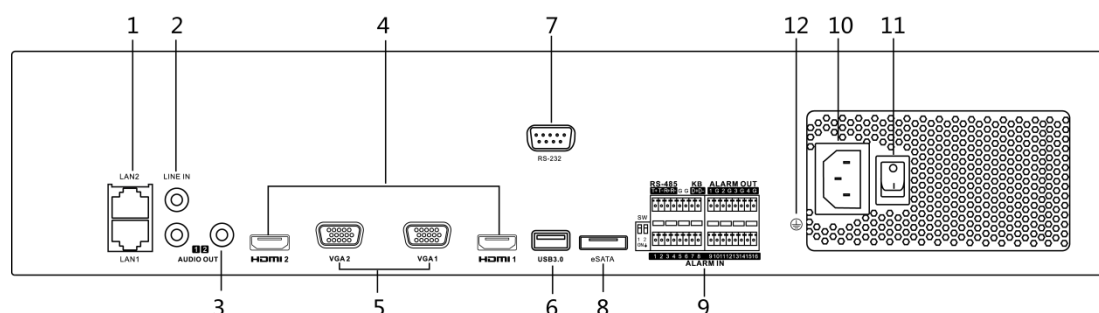
Model	DS-8608NI-I8(B)
Video and Audio	
Processor	Quad-core embedded processor
Operating System	Embedded Linux
IP video input	08-ch
	Up to 12 MP resolution 32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
Incoming bandwidth	128 Mbps
Outgoing bandwidth	256 Mbps
Incoming bandwidth (RAID mode)	128 Mbps
Outgoing bandwidth (RAID mode)	200 Mbps
HDMI 1 output Display Resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI 2 output Display Resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 1 output Display Resolution	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 2 output Display Resolution	1920 × 1080p/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 (optional)	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 input	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Video Monitoring Software	Pre-Loaded Hikvision NVR Software
Monitoring Software	iVMS 4200, Hik Central, Hik Pro Connect Mobiles APPs (iOS, Android), ONVIF supported Third Party platform/Central Monitoring Platform.
Third Party Compatibility	Support ONVIF (Profile S, Profile G & Profile T) camera's, Conformance for S & T
API	ISAPI, SDK, Ehome
Features	Support motion detection, intrusion detection, Cross line detection, people counting, scene change, heat map, ANPR, Fast and easy to take backup
Decoding	
Decoding format	H.265+/H.265/H.264+/H.264/MPEG4
Recording resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF/32 MP/24 MP/12 MP /8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
Synchronous playback	08-ch
Video Playback Capability	1-ch@32 MP (30 fps)/2-ch@12 MP (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP (30

	fps)/08-ch@1080p (30 fps)
Video Playback Speed	1X, 2X, 4X, 8X, 16X
Dual stream recording	Support
Stream type	Video, Video & Audio
Audio compression	G.711ulaw/G.711alaw/G.722/G.726
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Network	
Remote connections	128
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, SNTP, RTP, RTSP, RTCP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS, DHCP
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
RAID	
RAID Type	RAID0, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)
Auxiliary Interface	
Serial Interface	RS-232; RS-485; Keyboard
SATA	8 SATA interfaces
eSATA	1 eSATA interface
Capacity and HDD Type	Up to 10 TB capacity for each disk, Surveillance & Enterprise.
Alarm in/out	16/4
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz
Consumption (without HDD)	≤ 30 W
Working temperature	-10°C to 55°C
Working humidity	10% to 90%
Dimension (W × D × H)	445 × 470 × 94 mm (17.5"× 18.5" × 3.7")
Weight (without HDD)	≤ 8 kg (17.6 lb)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
UL	UL 60950-1

Dimension



Physical Interface



No.	Description	No.	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

Available Model

DS-8632NI-I8(B)
DS-8616NI-I8(B)
DS-8608NI-I8(B)

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