

DS-8616NI-I8(C) NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 16-ch IP camera inputs
- Up to 1-ch@32 MP/2-ch@12 MP/16-ch@1080p decoding capacity
- Up to 256 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
- 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.)
- 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

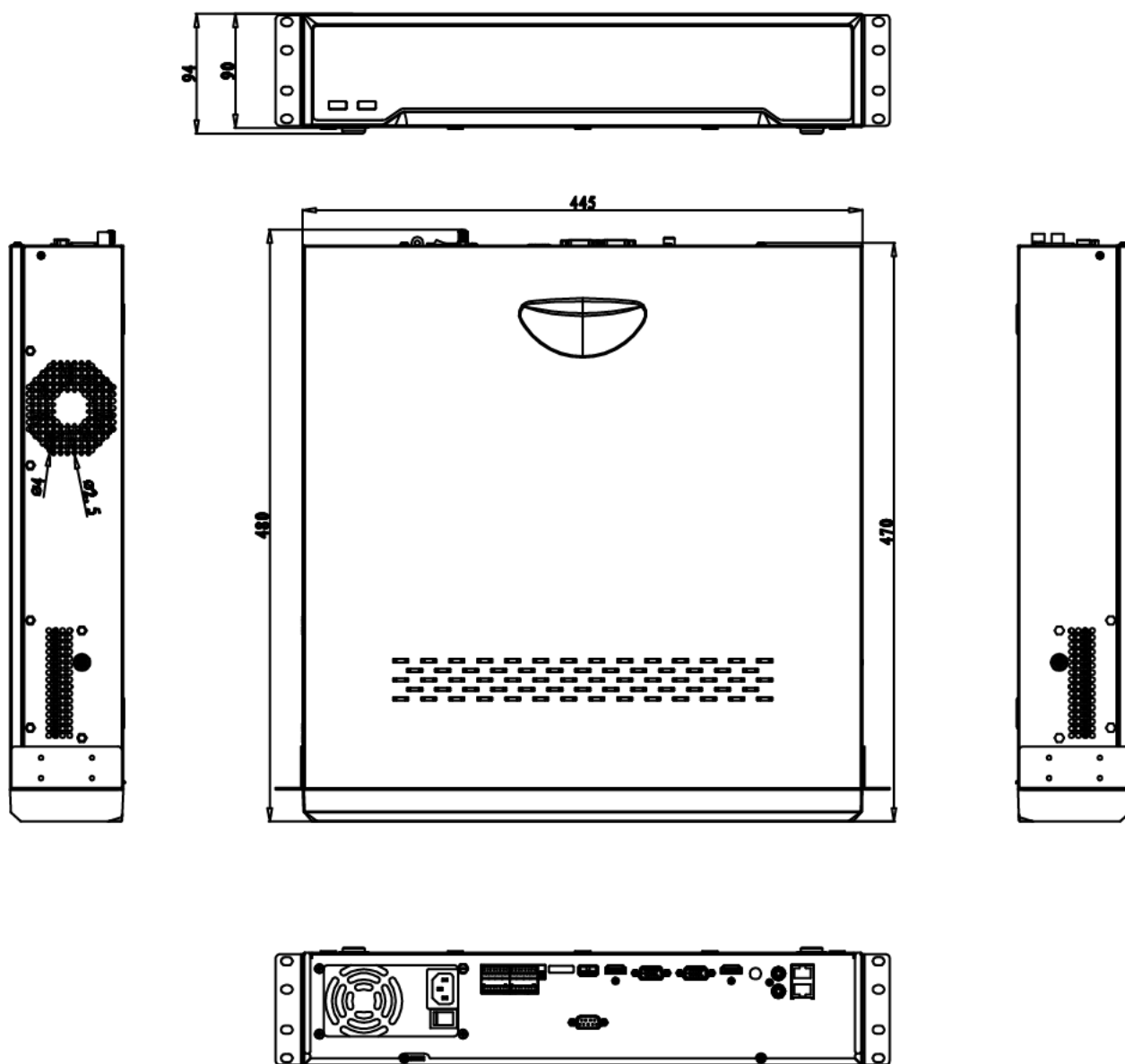


Specification

Model	DS-8616NI-I8(C)
Video and Audio	
Processor	Quad-core embedded processor
Operating System	Embedded Linux
IP video input	16-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
	*: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Incoming bandwidth	256 Mbps
Outgoing bandwidth	256 Mbps
Incoming bandwidth (RAID mode)	200 Mbps
Outgoing bandwidth (RAID mode)	200 Mbps
HDMI 1 output	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	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA 1 output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
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 (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 Software
Monitoring Software	iVMS 4200, Hik Central, Hik Pro Connect Mobiles APPs (iOS, Android)
Third Party Compatibility	ONVIF (Profile S, Profile T)
Analytics Features	Motion detection, Intrusion detection, Cross line, People counting
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
	*: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Synchronous playback	16-ch
Capability	1-ch@32 MP (30 fps)/2-ch@12 MP (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP

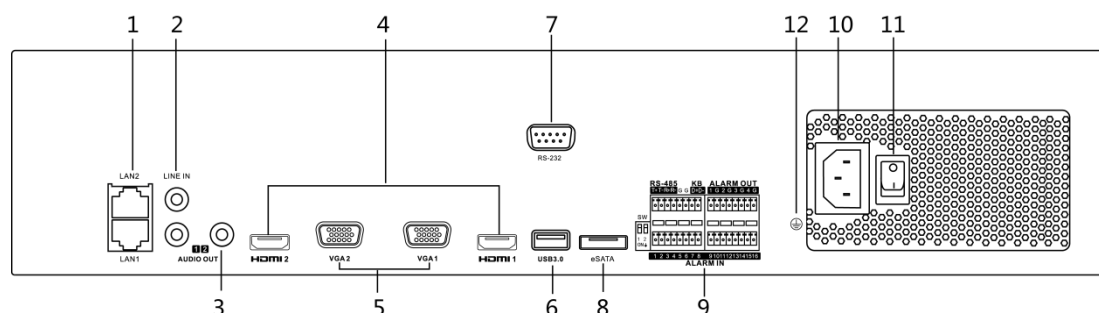
	(30 fps)/16-ch@1080p (30 fps)
Video Playback Speed	1X, 2X, 4X, 8X, 16X
Dual stream recording	Yes
Stream type	Video, Video & Audio
Audio compression	G.711ulaw/G.711alaw/G.722/G.726
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter
Network	
Remote connections	128
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTP, RTSP, RTCP, SADP, SNMP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
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	Up to 10 TB capacity for each disk
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 (14 °F to 131 °F)
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



scale/1:1;Unit/mm

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-8616NI-I8(C)

Distributed by



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