

## DS-8616NI-I8(C) Series 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 256/320 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 (Face search, Behavior search) events
- Configurable special camera smart functions, such as VCA detection (Face detection, Intrusion detection, Cross line detection, Audio detection, Defocus detection, Scene change detection, Auto tracking, motion, 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

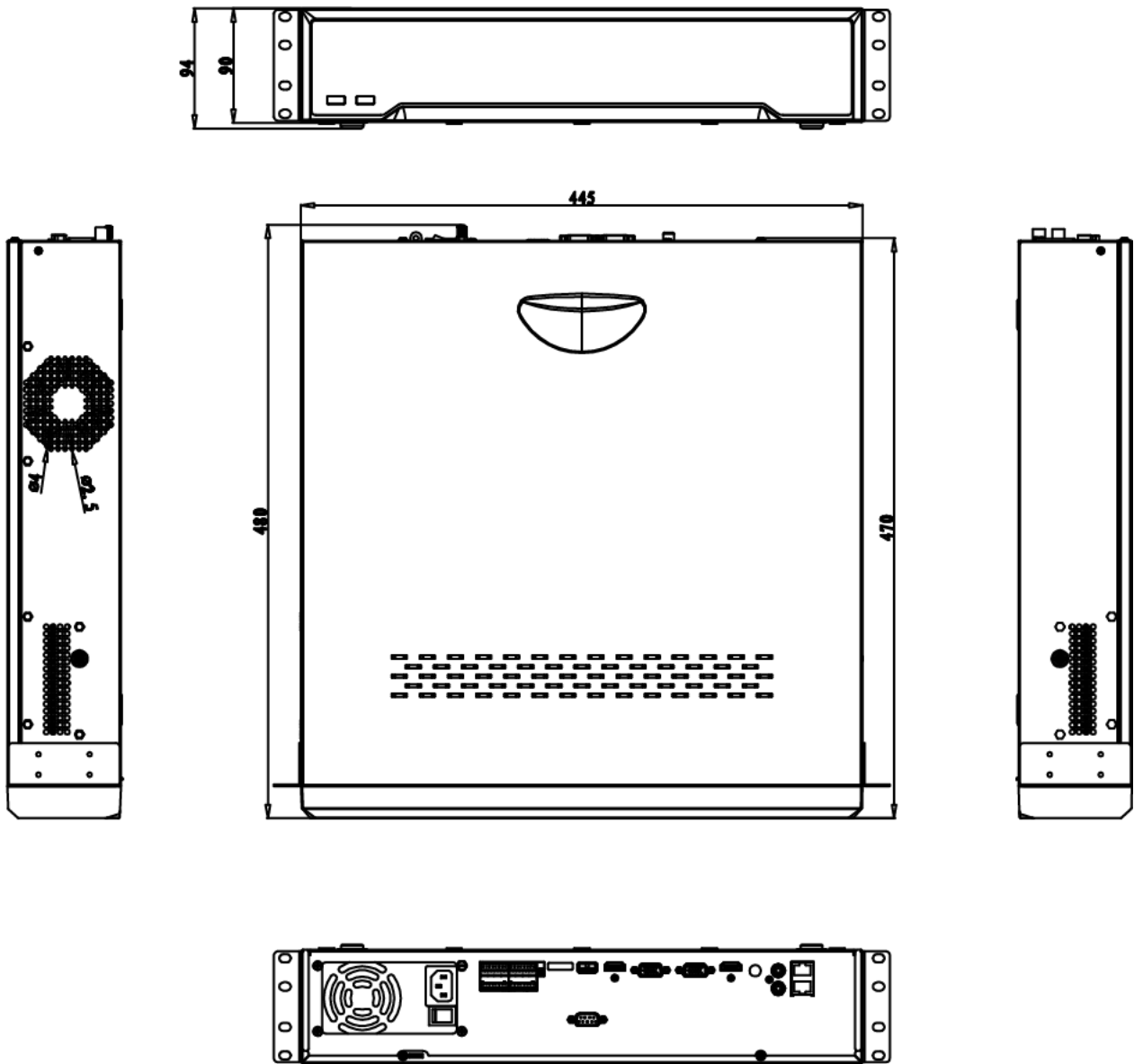


## Specification

<b>Model</b>	<b>DS-8616NI-I8(C)</b>
<b>Video and Audio</b>	
<b>Processor</b>	Quad-core embedded processor
<b>Operating System</b>	Embedded Linux
<b>IP video input</b>	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
<b>Incoming bandwidth</b>	256 Mbps
<b>Outgoing bandwidth</b>	256 Mbps
<b>Incoming bandwidth (RAID mode)</b>	200 Mbps
<b>Outgoing bandwidth (RAID mode)</b>	200 Mbps
<b>HDMI 1 output Display Resolution</b>	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>HDMI 2 output Display Resolution</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>VGA 1 output Display Resolution</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>VGA 2 output Display Resolution</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Video output mode</b>	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
<b>Corridor Mode Screen</b>	3/4/5/7/9/10/12/16
<b>Audio output</b>	2-ch, RCA (Linear, 1 KΩ)
<b>Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
<b>Video Monitoring Software</b>	Pre-Loaded Hikvision NVR Software
<b>Monitoring Software</b>	iVMS 4200, Hik Central, Hik Pro Connect Mobiles APPs (iOS, Android), ONVIF supported Third Party platform/Central Monitoring Platform.
<b>Third Party Compatibility</b>	Support ONVIF (Profile S, Profile G & Profile T) camera's
<b>API</b>	ISAPI, SDK, Ehome
<b>AI Features</b>	support motion detection, intrusion detection, Cross line detection, people counting, scene change, heat map, ANPR
<b>Decoding</b>	
<b>Decoding format</b>	H.265+/H.265/H.264+/H.264/MPEG4
<b>Recording resolution</b>	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
<b>Synchronous playback</b>	16-ch
<b>Video Playback Capability</b>	2 x 4K@30, 3 x 5MP@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080p@30,

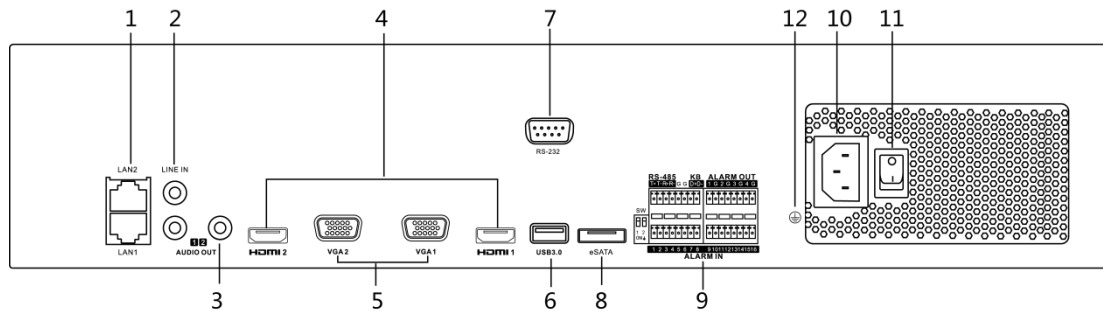
	16 x 720p@30
<b>Video Playback Speed</b>	1X, 2X, 4X, 8X, 16X
<b>Dual stream recording</b>	Support
<b>Stream type</b>	Video, Video & Audio
<b>Audio compression</b>	G.711ulaw/G.711alaw/G.722/G.726
<b>Security</b>	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 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
<b>Network</b>	
<b>Remote connections</b>	128
<b>Network protocol</b>	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, P2P, PPPoE
<b>Network interface</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>RAID</b>	
<b>RAID Type</b>	RAID0, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)
<b>Auxiliary Interface</b>	
<b>Serial Interface</b>	RS-232; RS-485; Keyboard
<b>SATA</b>	8 SATA interfaces
<b>eSATA</b>	1 eSATA interface
<b>Capacity and HDD Type</b>	Up to 10 TB capacity for each disk, Surveillance & Enterprise.
<b>Alarm in/out</b>	16/4
<b>USB interface</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
<b>General</b>	
<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz
<b>Consumption (without HDD)</b>	≤ 30 W
<b>Working temperature</b>	-10 °C to 55 °C (14 °F to 131 °F)
<b>Working humidity</b>	10% to 90%
<b>Dimension (W × D × H)</b>	445 × 470 × 94 mm (17.5"× 18.5" × 3.7")
<b>Weight (without HDD)</b>	≤ 8 kg (17.6 lb)
<b>Certification</b>	
<b>FCC</b>	Part 15 Subpart B, ANSI C63.4-2014
<b>CE</b>	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4
<b>UL</b>	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), DS-8632NI-I8(C), DS-8664NI-I8(C)

Distributed by



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