

## DS-9600NI-I16 Series NVR

### Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 16/32/64-ch IP camera inputs
- Up to 1-ch@32 MP/2-ch@12 MP/16-ch@1080p decoding capacity
- 16 SATA interfaces for HDD connection
- 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
- 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

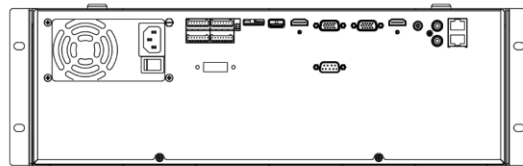
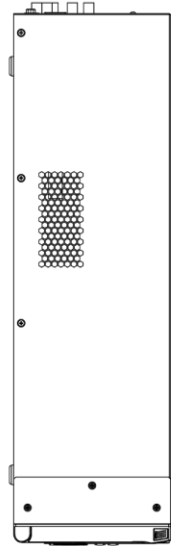
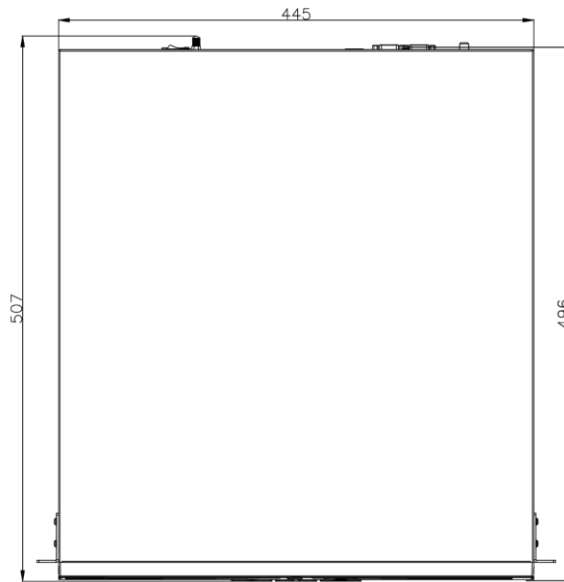
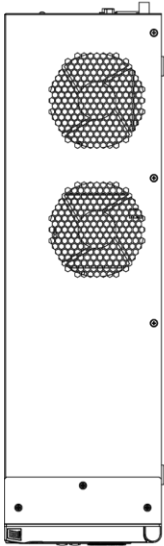
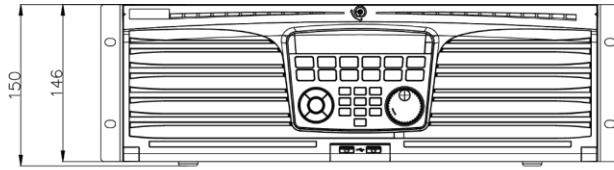


## Specification

Model	DS-9616NI-I16	DS-9632NI-I16	DS-9664NI-I16
<b>Video and Audio</b>			
	16-ch	32-ch	64-ch
<b>IP video input</b>	Up to 12 MP resolution *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. For DS-9632NI-I16, when ultra HD resolution mode is enabled, it will reduce the IP video input to 24-ch.		
<b>Incoming bandwidth</b>	256 Mbps	320 Mbps	320 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</b>	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>HDMI 2 output</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>VGA 1 output</b>	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
<b>VGA 2 output</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>CVBS output (optional)</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
<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>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 and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. For DS-9632NI-I16, when ultra HD resolution mode is enabled, it will reduce the IP video input to 24-ch.		
<b>Synchronous playback</b>	16-ch		
<b>Capability</b>	1-ch@32 MP (30 fps)/2-ch@12 MP (20fps)/4-ch@8 MP (25fps)/8-ch@4 MP (30fps)/16-ch@1080p (30fps)		
<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/AAC/MP2L2/PCM		
<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		

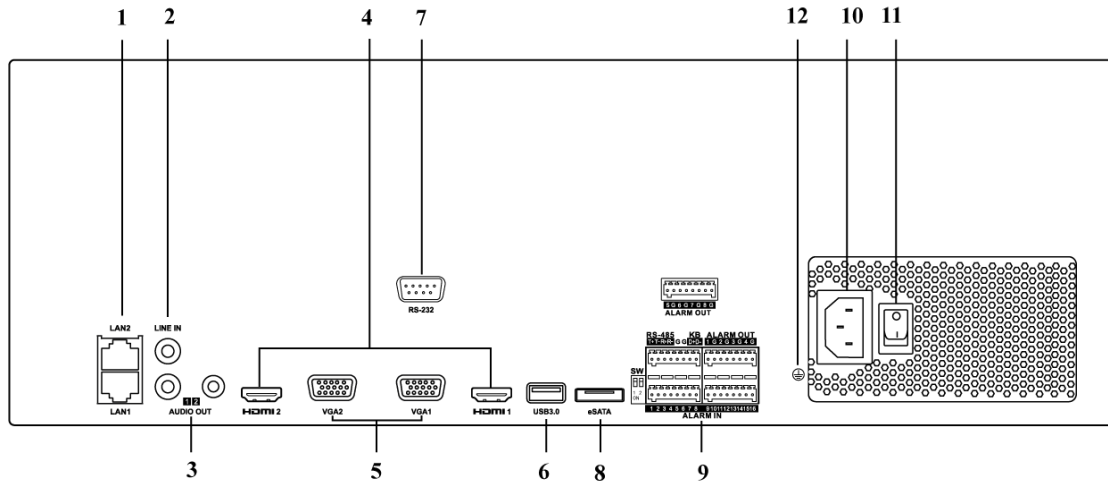
<b>Network interface</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>Network mode</b>	Net Fault-Tolerance, Multi-address
<b>RAID</b>	
<b>RAID Type</b>	RAID0, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each HDD)
<b>Auxiliary interface</b>	
<b>Serial port</b>	1 RS-485 (full-duplex), 1 RS-232, 1 keyboard
<b>SATA</b>	16 SATA interfaces supporting hot-plug
<b>eSATA</b>	1 eSATA interface
<b>Capacity</b>	Up to 10 TB capacity for each disk
<b>Alarm in/out</b>	16/8
<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>	≤ 45 W
<b>Fan</b>	Speed self-adjustable
<b>Working temperature</b>	-10 °C to 55 °C (14 °F to 131 °F)
<b>Working humidity</b>	10% to 90%
<b>Chassis</b>	3U chassis
<b>Dimension (W × D × H)</b>	445 × 496 × 150 mm ( 17.5"× 19.5" × 5.9")
<b>Weight (without HDD)</b>	≤ 12.5 kg (27.6 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

# Dimension



scale/1:1;Unit/mm

## Physical Interface



No.	Description	No.	Description
1	LAN Interfaces	7	RS-232 Serial Interface
2	LINE IN, RCA Connector	8	eSATA Interface
3	AUDIO OUT, RCA Connector	9	SW Dial Switch, RS-485 Serial Interface, Controller Port, ALARM IN, ALARM OUT
4	HDMI 1 and HDMI 2 Interfaces	10	100 to 240 VAC Power Supply
5	VGA 1 and VGA 2 Interfaces	11	Power Switch
6	USB 3.0 Interface	12	GND

Distributed by

## Available Model

DS-9616NI-I16, DS-9632NI-I16, DS-9664NI-I16

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