

# 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
- 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 (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

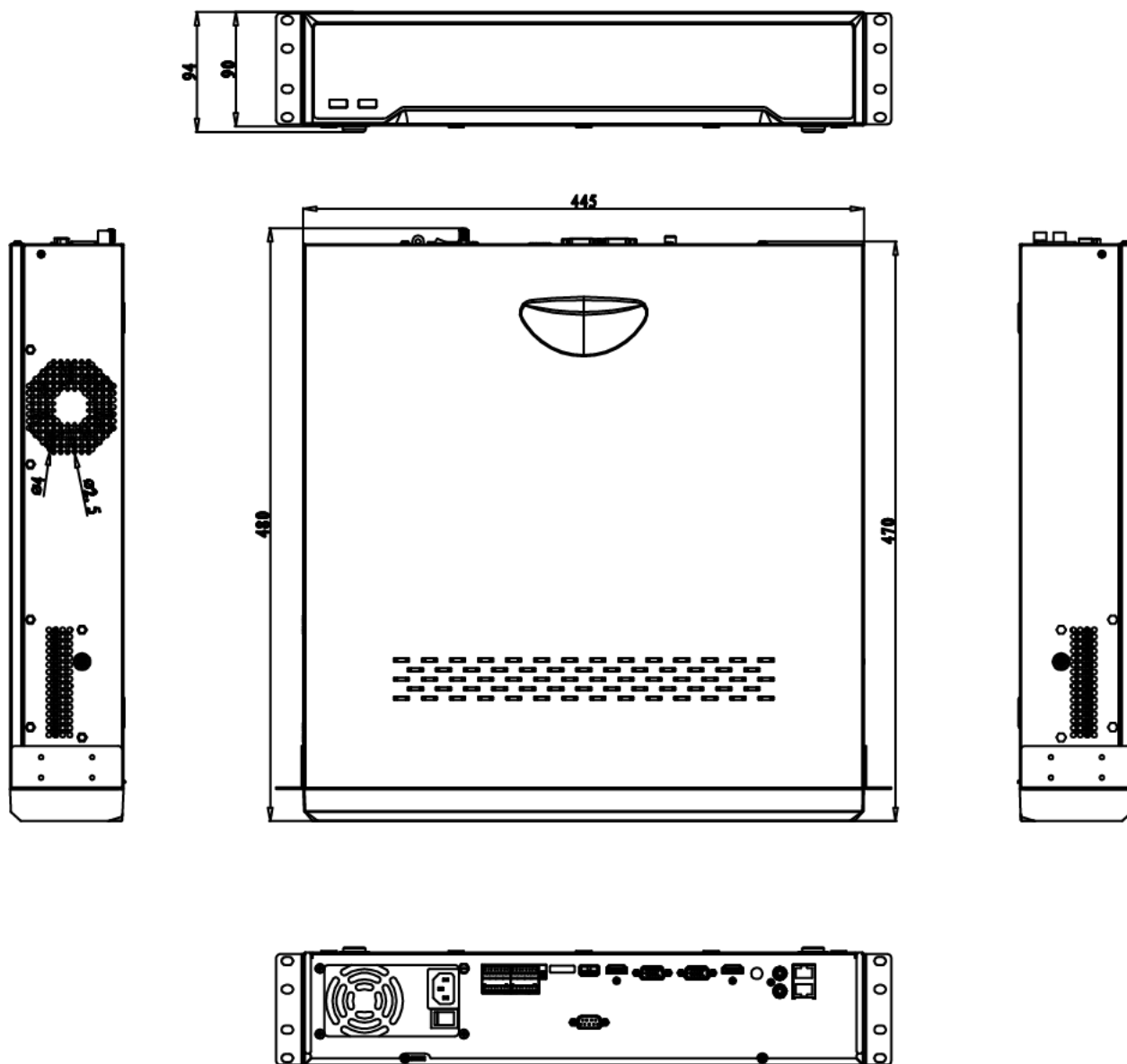
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

## Specification

Model			
<b>Video and Audio</b>			
	16-ch	32-ch	64-ch
<b>IP video input</b>	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. For DS-8632NI-I8, 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	
<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 × 1080/60Hz, 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 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/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-8632NI-I8, 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 (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)		
<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>Network</b>			
<b>Remote connections</b>	128		

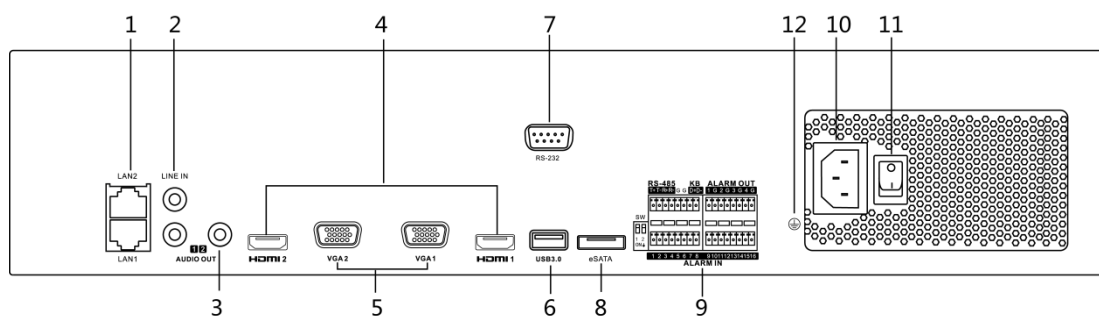
<b>Network protocol</b>	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
<b>Network interface</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>RAID</b>	
<b>RAID Type</b>	RAID0, RAID1, RAID5, RAID6, and RAID10 (at least 4 TB for each 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</b>	Up to 10 TB capacity for each disk
<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

# 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