

## DS-7616NI-Q2/16P NVR

### Key Feature

- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@8 MP/5-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth



### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%

### HD Video Output

- Provide simultaneous HDMI and VGA outputs
- HDMI video output at up to 4K resolution

### Storage and Playback

- 2 SATA interfaces for HDD connection (up to 8 TB capacity per HDD)
- Smart search/smart playback to improve the playback efficiency

### Smart Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.)

### Network & Ethernet Access

- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



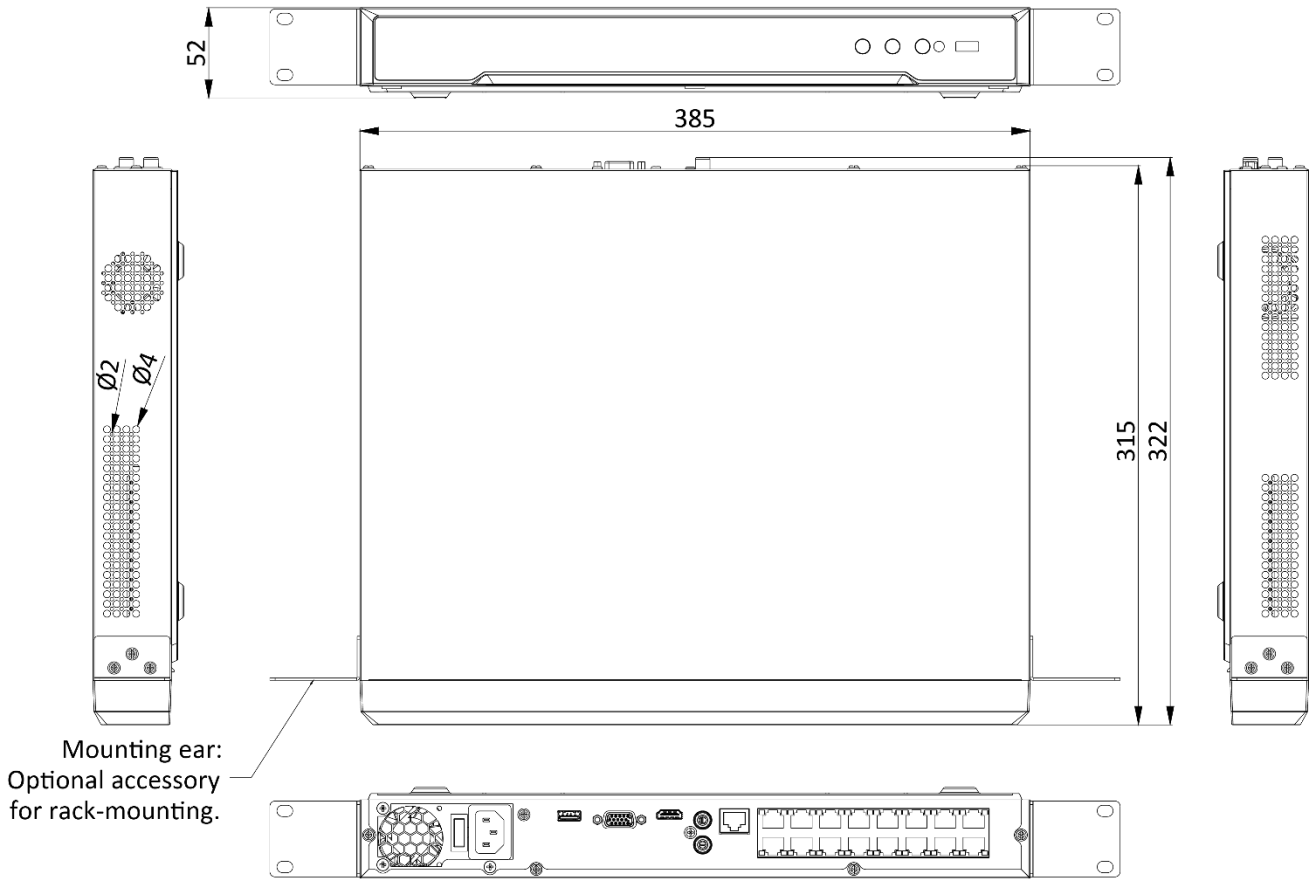
## Specification

<b>Model</b>	<b>DS-7616NI-Q2/16P</b>
<b>Video and Audio</b>	
<b>IP video input</b>	16-ch Up to 8 MP resolution
<b>Incoming bandwidth</b>	160 Mbps
<b>Outgoing bandwidth</b>	80 Mbps
<b>HDMI output</b>	1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
<b>VGA output</b>	1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
<b>Video output mode</b>	HDMI/VGA simultaneous output
<b>CVBS output</b>	N/A
<b>Audio output</b>	1-ch, RCA (Linear, 1 K $\Omega$ )
<b>Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ , using the audio input)
<b>Decoding</b>	
<b>Decoding format</b>	H.265+/H.265/H.264+/H.264
<b>Recording resolution</b>	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>Capability</b>	1-ch@8 MP (30 fps)/5-ch@1080p (30 fps)
<b>Stream type</b>	Video, Video & Audio
<b>Audio compression</b>	G.711ulaw/G.711alaw/G.722/G.726
<b>Network</b>	
<b>Remote connection</b>	64
<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>	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>PoE</b>	
<b>Interface</b>	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
<b>Power</b>	≤ 150 W
<b>Supported standard</b>	IEEE 802.3 af/at
<b>Auxiliary Interface</b>	
<b>SATA</b>	2 SATA interfaces
<b>Capacity</b>	Up to 8 TB capacity for each disk
<b>USB interface</b>	Front panel: 1 x USB 2.0; Rear panel: 1 x USB 2.0
<b>General</b>	
<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz
<b>Consumption (without HDD and PoE off)</b>	≤ 15 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 x D x H)</b>	385 x 315 x 52 mm (15.2" x 12.4" x 2.0")
<b>Weight (without HDD)</b>	≤ 2.6 kg (5.7 lb)
<b>Certification</b>	
<b>FCC</b>	Part 15 Subpart B, ANSI C63.4-2014

CE

EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

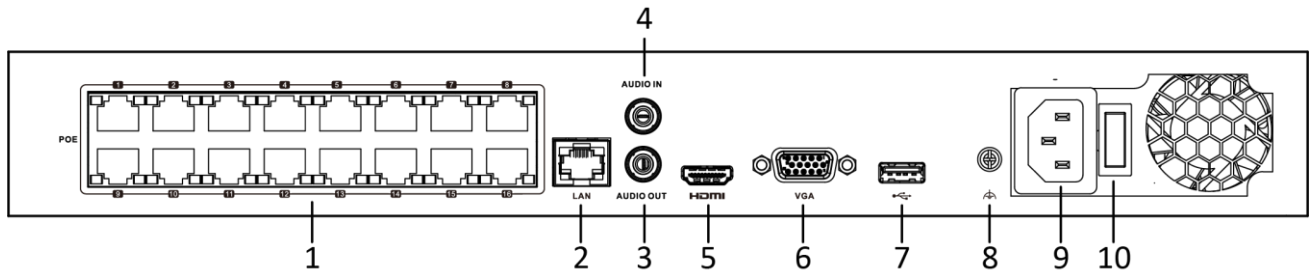
## Dimension



Mounting ear:  
Optional accessory  
for rack-mounting.

scale/1:1;Unit/mm

## Physical Interface



No.	Description	No.	Description
1	PoE Interfaces	6	VGA Output (DB9 Connector)
2	LAN Interface	7	USB Interface
3	AUDIO OUT	8	GND
4	AUDIO IN	9	Power Supply
5	HDMI Interface	10	Power Switch

## Available Model

DS-7616NI-Q2/16P

Distributed by



## HIKVISION

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 [216]521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 [10] 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33[0]1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-[0]31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com

04302102011219