

## DS-7700NI-I4(B) Series NVR

### Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 16/32-ch IP camera inputs
- Up to 1-ch@32 MP/2-ch@12 MP/16-ch@1080p decoding capacity
- Up to 160/256 Mbps incoming bandwidth



### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth

### HD Video Output

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

### Storage and Playback

- Up to 4 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

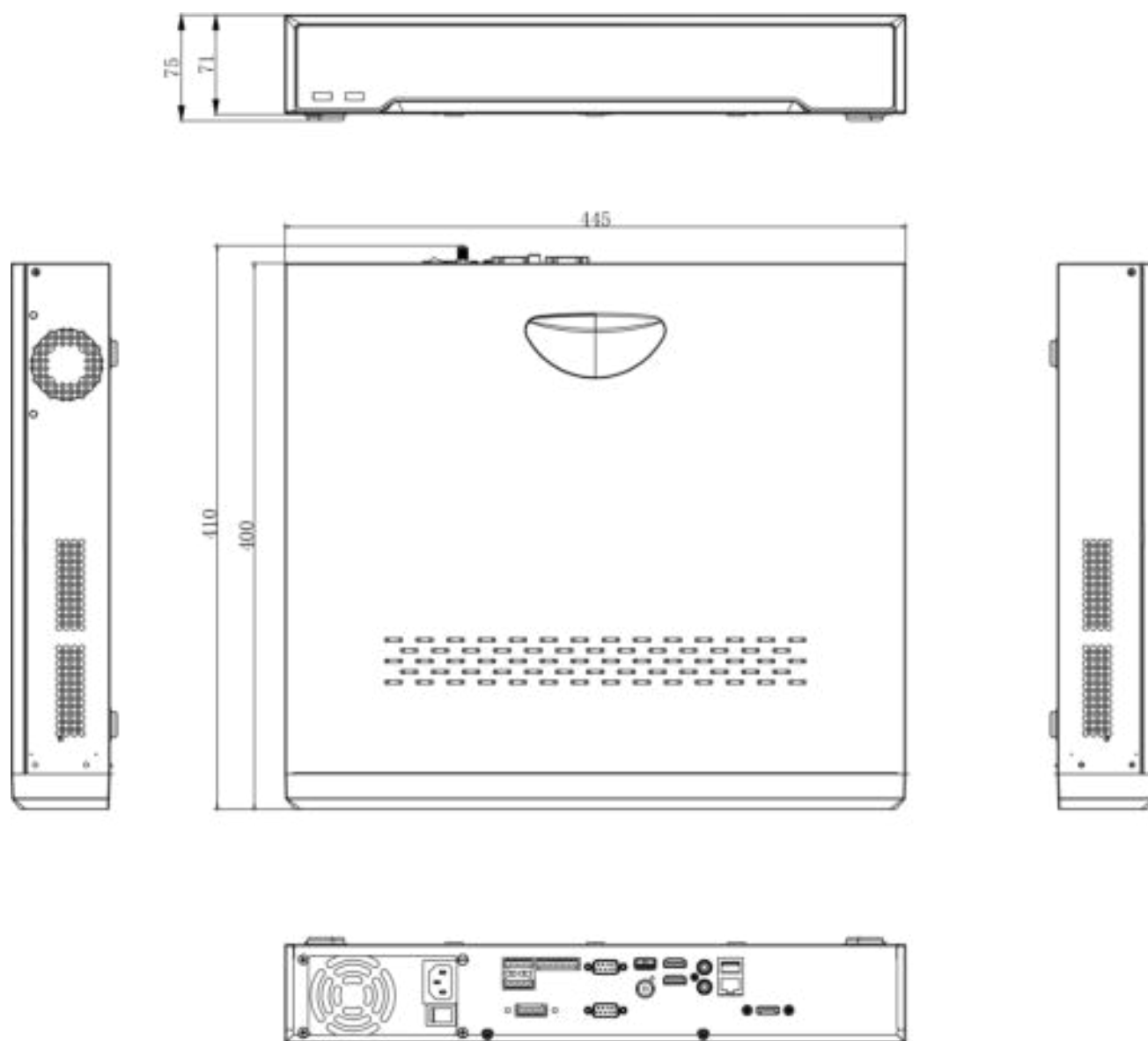


## Specification

| Model                 | DS-7716NI-I4(B)                                                                                                                                                                                                                                                                                     | DS-7732NI-I4(B) |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Video and Audio       |                                                                                                                                                                                                                                                                                                     |                 |
| IP video input        | 16-ch                                                                                                                                                                                                                                                                                               | 32-ch           |
|                       | Up to 12 MP resolution<br>*: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. For DS-7732NI-I4(B), when ultra HD resolution mode is enabled, it will reduce the IP video input to 24-ch.                                                                   |                 |
| Incoming bandwidth    | 160 Mbps                                                                                                                                                                                                                                                                                            | 256 Mbps        |
| Outgoing bandwidth    | 256 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 output            | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                                                                                                                                                                                                                                |                 |
| Video output mode     | HDMI1/VGA simultaneous output, HDMI2/VGA independent output                                                                                                                                                                                                                                         |                 |
| CVBS output           | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480                                                                                                                                                                                                                             |                 |
| Audio output          | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                                            |                 |
| Two-way audio input   | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)                                                                                                                                                                                                                                                   |                 |
| 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<br>*: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled. For DS-7732NI-I4(B), when ultra HD resolution mode is enabled, it will reduce the IP video input to 24-ch. |                 |
| 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)                                                                                                                                                                                                  |                 |
| Dual stream recording | Support                                                                                                                                                                                                                                                                                             |                 |
| Stream type           | Video, Video & Audio                                                                                                                                                                                                                                                                                |                 |
| Audio compression     | G.711ulaw/G.711alaw/G.722/G.726                                                                                                                                                                                                                                                                     |                 |
| Network               |                                                                                                                                                                                                                                                                                                     |                 |
| Remote connections    | 128                                                                                                                                                                                                                                                                                                 |                 |
| Network protocol      | TCP/IP, DHCP, IPv4, Hik-Connect, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                                                                                                                                                       |                 |
| Network interface     | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                          |                 |
| Auxiliary Interface   |                                                                                                                                                                                                                                                                                                     |                 |
| Serial port           | 1 RS-485 (half-duplex), 1 RS-232                                                                                                                                                                                                                                                                    |                 |
| SATA                  | 4 SATA interfaces                                                                                                                                                                                                                                                                                   |                 |
| eSATA (optional)      | 1 eSATA interface                                                                                                                                                                                                                                                                                   |                 |
| Capacity              | Up to 8 TB capacity for each disk                                                                                                                                                                                                                                                                   |                 |
| Alarm in/out          | 16/4 (16/8 optional)                                                                                                                                                                                                                                                                                |                 |
| USB interface         | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0                                                                                                                                                                                                                                                   |                 |
| General               |                                                                                                                                                                                                                                                                                                     |                 |

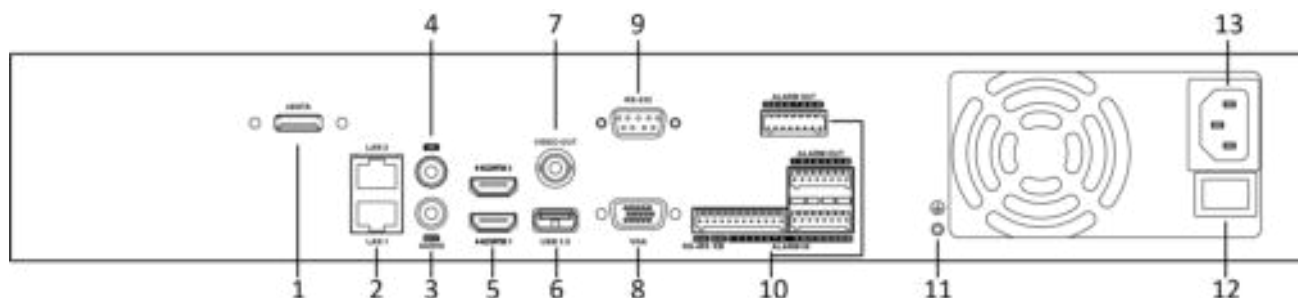
|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| <b>Power supply</b>                  | 100 to 240 VAC, 50 to 60 Hz                           |
| <b>Consumption<br/>(without HDD)</b> | ≤ 20 W                                                |
| <b>Working temperature</b>           | -10 °C to 55 °C (14 °F to 131 °F)                     |
| <b>Working humidity</b>              | 10% to 90%                                            |
| <b>Chassis</b>                       | 19-inch rack-mounted 1.5U chassis                     |
| <b>Dimension (W × D × H)</b>         | 445 × 400 × 75 mm ( 17.5"× 15.7" × 3.0")              |
| <b>Weight (without HDD)</b>          | ≤ 5 kg (11 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   | eSATA Interface              | 8   | VGA Output (DB9 Connector)                                                         |
| 2   | LAN1 and LAN2 Interfaces     | 9   | RS-232 Serial Interface                                                            |
| 3   | AUDIO OUT                    | 10  | RS-485 Serial Interface, Controller Port, ALARM IN, ALARM OUT 16/4 (16/8 optional) |
| 4   | AUDIO IN                     | 11  | GND                                                                                |
| 5   | HDMI 1 and HDMI 2 Interfaces | 12  | Power Switch                                                                       |
| 6   | USB 3.0 Interface            | 13  | 100 to 240 VAC Power Supply                                                        |
| 7   | VIDEO OUT                    |     |                                                                                    |

## Available Model

DS-7716NI-I4(B), DS-7732NI-I4(B)

Distributed by

# HIKVISION

### Headquarters

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

**Hikvision USA**  
T +1-800-895-0400  
sales.usa@hikvision.com

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

**Hikvision India**  
T +91-22-28469800  
sales@pramshikvision.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.pantilov@hikvision.ru

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

**Hikvision UAE**  
T +971-4-4432080  
sales.me@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  
sales.ru@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

04210102000727