

## DS-7700NI-I4/P(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 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
- 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

- 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

- 8/16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

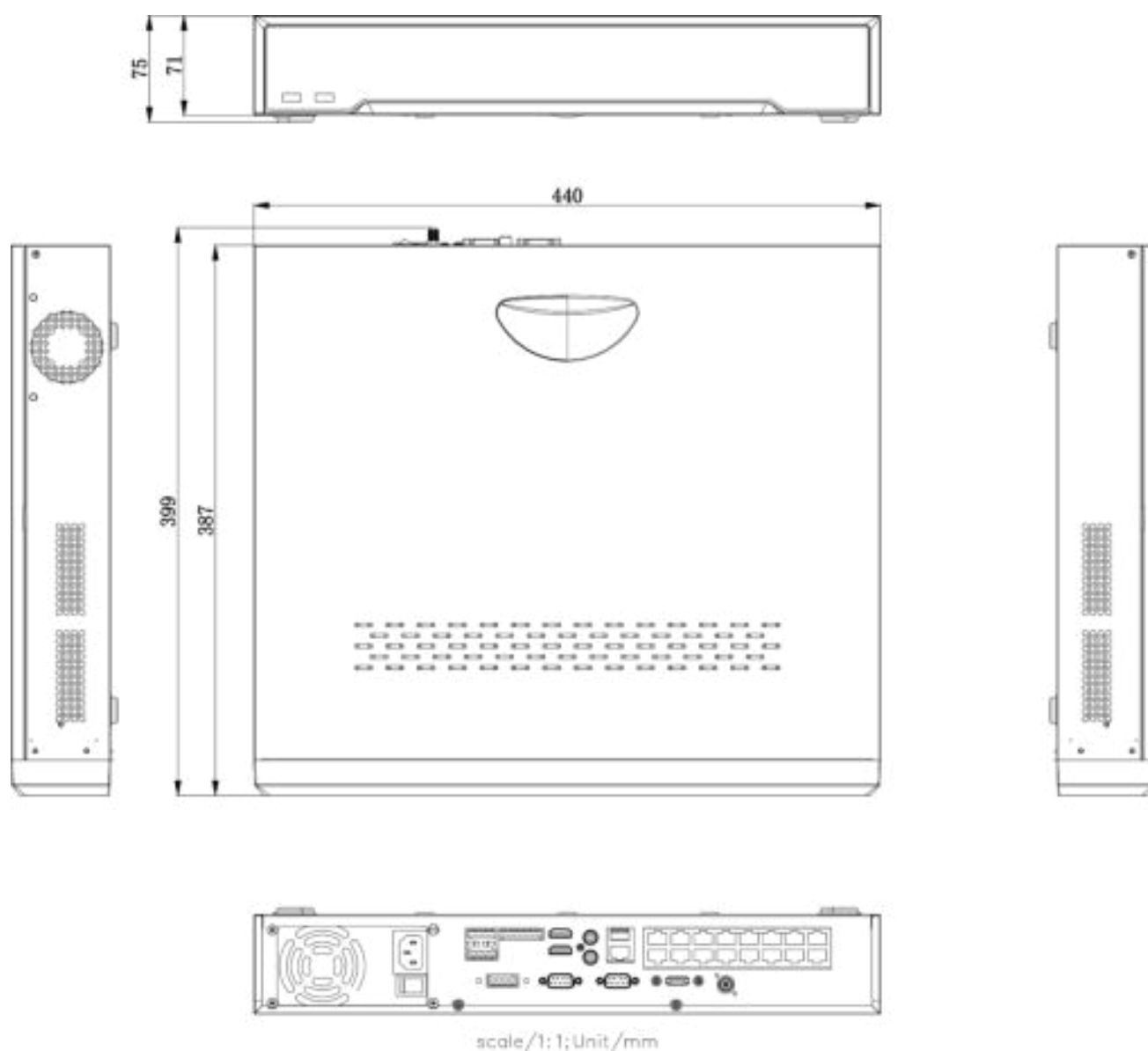


## Specification

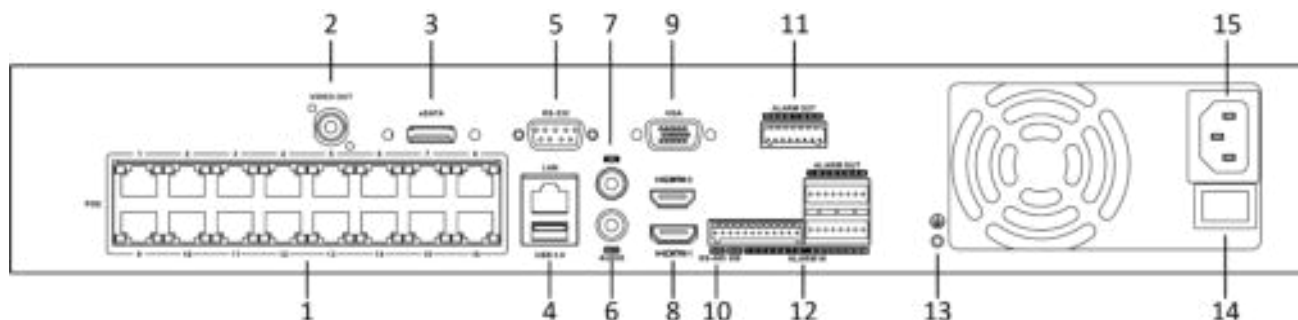
| Model                 | DS-7716NI-I4/16P(B)                                                                                                                  | DS-7732NI-I4/16P(B) |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Video and Audio       |                                                                                                                                      |                     |
| IP video input        | 16-ch                                                                                                                                | 32-ch               |
|                       | Up to 12 MP resolution                                                                                                               |                     |
| Incoming bandwidth    | 160 Mbps                                                                                                                             | 256 Mbps            |
| Outgoing bandwidth    | 256 Mbps                                                                                                                             |                     |
| HDMI1 output          | 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz |                     |
| HDMI2 output          | 1920 × 1080p/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  | 12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF                                                          |                     |
| Synchronous playback  | 16-ch                                                                                                                                |                     |
| Capability            | 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, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                               |                     |
| Network interface     | 1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface                                                                           |                     |
| PoE                   |                                                                                                                                      |                     |
| Interface             | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                               |                     |
| Power                 | ≤ 200 W                                                                                                                              |                     |
| Supported standard    | IEEE 802.3 af/at                                                                                                                     |                     |
| Auxiliary Interface   |                                                                                                                                      |                     |
| Serial port           | 1 RS-485 (half-duplex), 1 RS-232                                                                                                     |                     |
| SATA                  | 4 SATA interfaces                                                                                                                    |                     |
| eSATA (optional)      | 1 eSATA interface                                                                                                                    |                     |
| Capacity              | Up to 10 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               |                                                                                                                                      |                     |
| Power supply          | 100 to 240 VAC, 50 to 60 Hz                                                                                                          |                     |
| Consumption           | ≤ 20 W                                                                                                                               |                     |

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| <b>(without HDD and PoE off)</b> |                                                       |
| <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>     | 440 × 387 × 75 mm ( 17.3"× 15.2" × 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



## Physical Interface



| No. | Description                          | No. | Description                 |
|-----|--------------------------------------|-----|-----------------------------|
| 1   | Network Interfaces with PoE function | 9   | VGA Output (DB9 Connector)  |
| 2   | VIDEO OUT                            | 10  | RS-485 Serial Interface     |
| 3   | eSATA Interface                      | 11  | Alarm Out (Optional)        |
| 4   | USB 3.0 Interface and LAN Interface  | 12  | Alarm In/Alarm Out          |
| 5   | RS-232 Serial Interface              | 13  | GND                         |
| 6   | AUDIO OUT                            | 14  | Power Switch                |
| 7   | AUDIO IN                             | 15  | 100 to 240 VAC Power Supply |
| 8   | HDMI Interfaces                      | 16  |                             |

## Available Model

DS-7716NI-I4/16P(B), DS-7732NI-I4/16P(B)

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