

## DS-7900NI-I4 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 320 Mbps incoming bandwidth



### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Advanced streaming technology enables smooth live view and data self-correction in poor network conditions
- 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

- 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

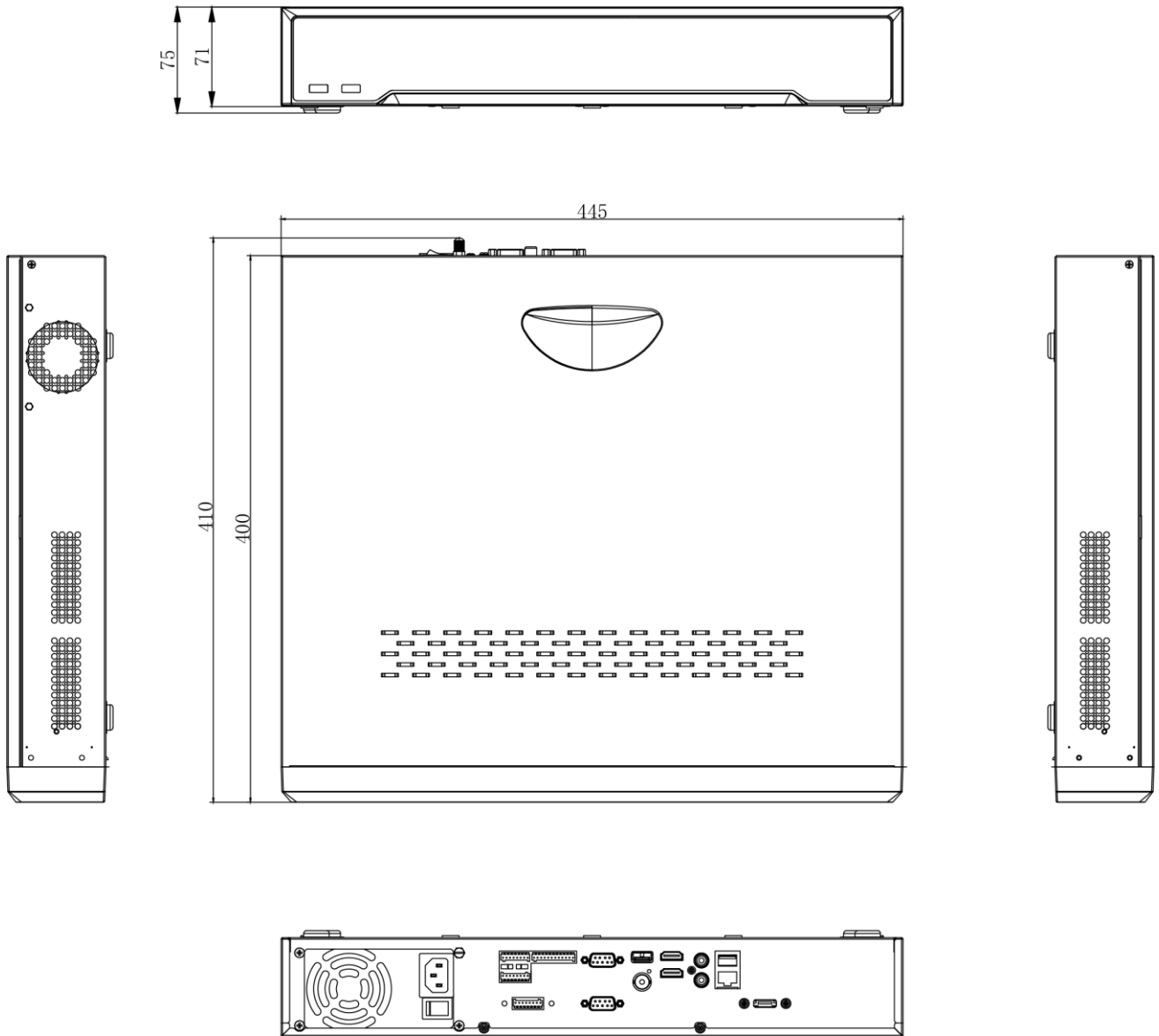


## Specification

| Model                      | DS-7916NI-I4   | DS-7932NI-I4 |
|----------------------------|--|--------------|
| <b>Video and Audio</b>     |  |              |
| IP video input             | 16-ch  | 32-ch        |
| Incoming bandwidth         | 320 Mbps   |              |
| Outgoing bandwidth         | 256 Mbps   |              |
| HDMI 1 output              | 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output   |              |
| HDMI 2 output              | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output  |              |
| VGA output                 | 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |              |
| 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)   |              |
| <b>Decoding</b>            |  |              |
| 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-7932NI-I4, 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  |              |
| <b>Network</b>             |  |              |
| 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          | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface   |              |
| <b>Auxiliary interface</b> |  |              |
| 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               | 16/8   |              |
| USB interface              | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0  |              |
| <b>General</b>             |  |              |
| Power supply               | 100 to 240 VAC, 50 to 60 Hz  |              |
| Consumption (without HDD)  | ≤ 20 W   |              |

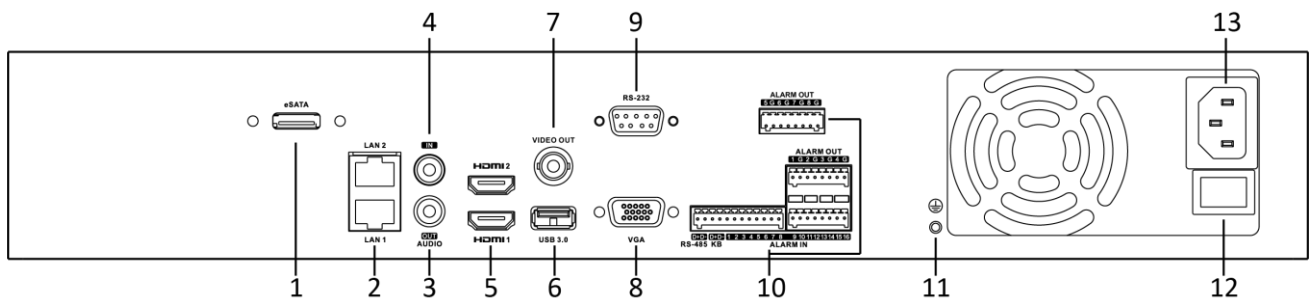
|                              |   |
|------------------------------|---|
| <b>Working temperature</b>   | -10 °C to 55 °C (14 °F to 131 °F)                     |
| <b>Working humidity</b>      | 10% to 90%  |
| <b>Chassis</b>               | 19-inch rack-mounted 1.5U chassis                     |
| <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

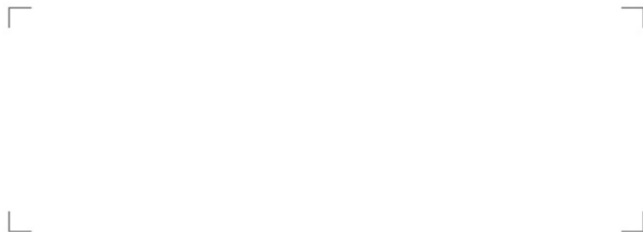


| No. | Description                  | No. | Description   |
|-----|------------------------------|-----|---|
| 1   | eSATA Interface              | 8   | VGA Output (DB9 Connector)                                    |
| 2   | LAN1 and LAN2 Interfaces     | 9   | RS-232 Serial Interface                                       |
| 3   | AUDIO OUT                    | 10  | RS-485 Serial Interface, Controller Port, ALARM IN, ALARM OUT |
| 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-7916NI-I4, DS-7932NI-I4

Distributed by



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