

DS-7716NI-Q4 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 or 6-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth
- 4 HDDs for continuous video recording



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

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

Storage and Playback

- 4 SATA interfaces for HDD connection (up to 8 TB capacity per HDD)
- 16-ch synchronous playback

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

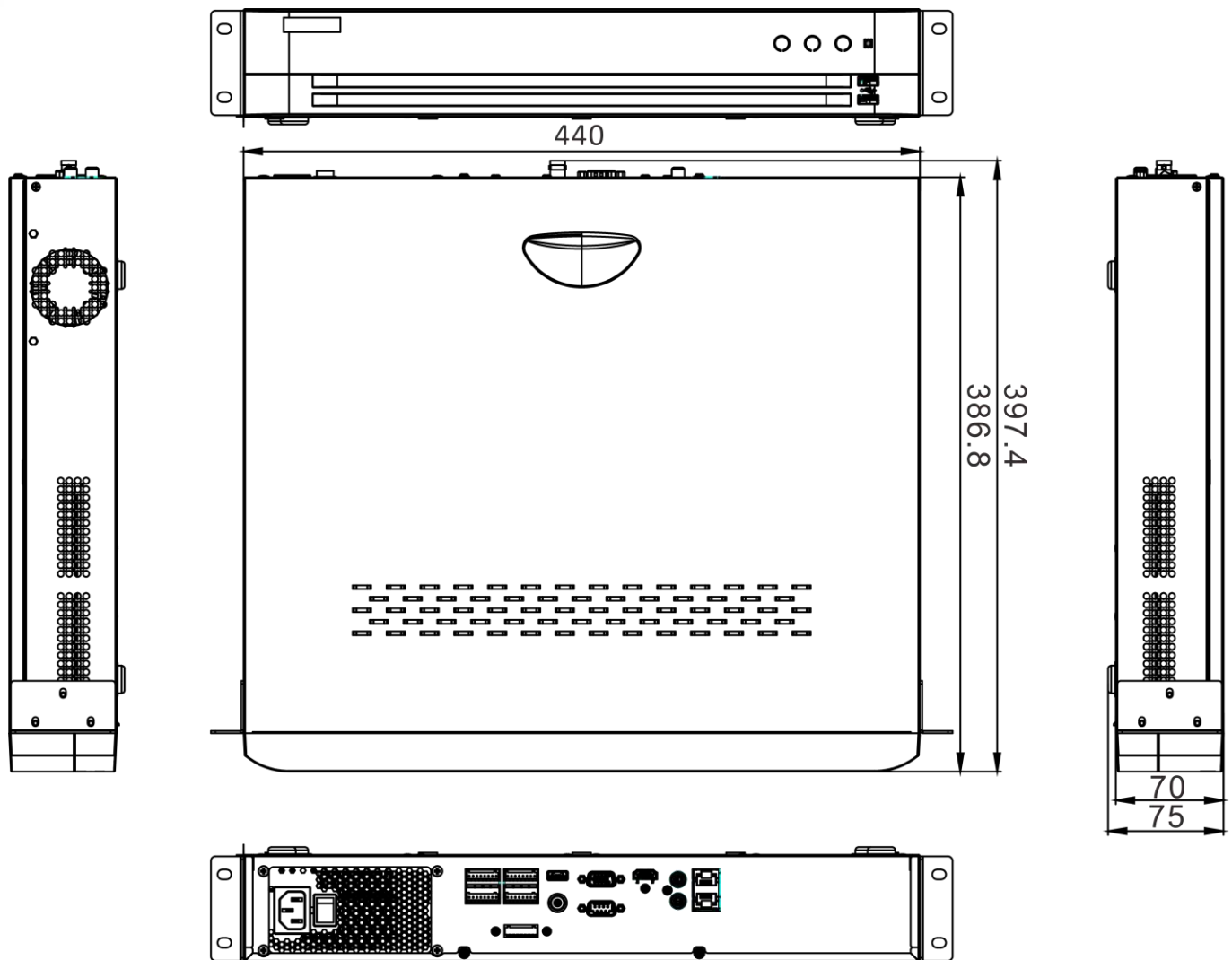
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



▪ Specification

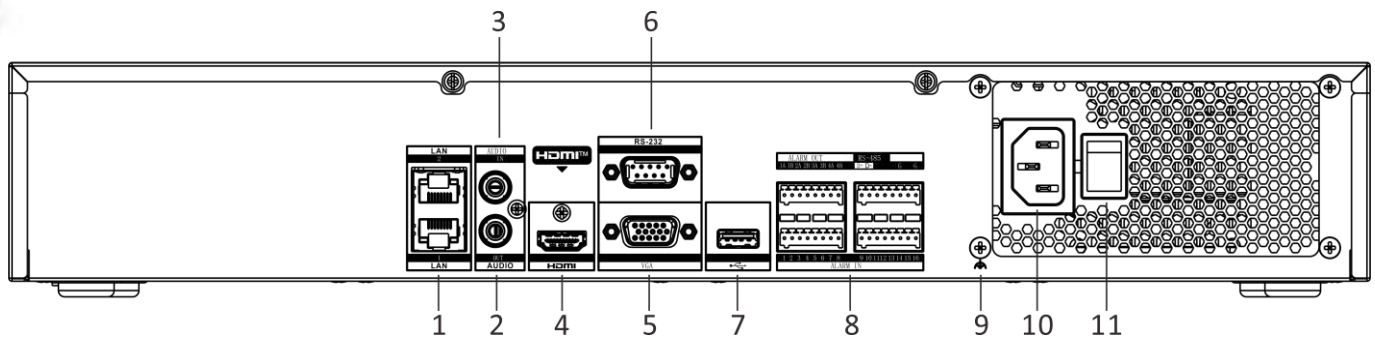
| Video and Audio | |
|-----------------------|---|
| IP Video Input | 16-ch Up to 8 MP resolution |
| Incoming Bandwidth | 160 Mbps |
| Outgoing Bandwidth | 80 Mbps |
| HDMI Output | 1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz |
| VGA Output | 1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz |
| Video Output Mode | HDMI/VGA simultaneous output |
| Audio Output | 1-ch, RCA (Linear, 1 K Ω) |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 k Ω) |
| Decoding | |
| Decoding Format | H.265/H.265+/H.264/H.264+ |
| Decoding Capability | 1-ch@8 MP (30 fps)/6-ch@1080p (30 fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels. |
| Synchronous playback | 16-ch |
| Recording Resolution | 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711ulaw/G.711alaw/G.726 |
| Network | |
| Remote Connection | 64 |
| 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 |
| Auxiliary Interface | |
| SATA | 4, SATA interface |
| Capacity | Up to 8 TB capacity for each disk |
| Serial Interface | 1 RS-485 (half-duplex), 1 RS-232 |
| USB Interface | Front panel: 2 x USB 2.0; Rear panel: 1 x USB 2.0 |
| Alarm In/Out | 16/4 |
| General | |
| Power Supply | 100 to 240 VAC, 50 to 60 Hz |
| Consumption | ≤ 15 W (without HDD) |
| Working Temperature | -10 °C to 55 °C (14 °F to 131 °F) |
| Working Humidity | 10 % to 90 % |
| Dimension (W x D x H) | 440 x 397 x 75 mm (17.3" x 15.6" x 3.0") |
| Weight | ≤ 5 kg (without HDD, 11 lb.) |
| Certification | |
| FCC | 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



scale/1:1;Unit/mm

Physical Interface



| No. | Description | No. | Description |
|-----|-------------------------|-----|--|
| 1 | LAN Network Interface | 7 | USB Interface |
| 2 | AUDIO OUT | 8 | Alarm In; Alarm Out; RS-485 Serial Interface |
| 3 | AUDIO IN | 9 | GND |
| 4 | HDMI Interface | 10 | 100 to 240 VAC Power Supply |
| 5 | VGA Interface | 11 | Power Switch |
| 6 | RS-232 Serial Interface | | |

Available Model

DS-7716NI-Q4

Distributed by



Headquarters

No.565 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseas@hikvision.com

Hikvision USA
T +1-800-885-0400
sales.usa@hikvision.com

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

Hikvision India
T +91-22-28498800
sales@pram@hikvision.com

Hikvision Canada
T +1-866-200-8660
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9940
sales.thailand@hikvision.com

Hikvision Europe
T +31-20-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0458-6002
info.it@hikvision.com

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

Hikvision Turkey
T +90-210521-7070-7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-0413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01525-802140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (12) 0351170
sales.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-050
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-8730067
nails.panfilov@hikvision.ru

Hikvision Vietnam
T +84-074270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4452080
salesme@hikvision.com

Hikvision Singapore
T +65-6804-4718
sg@hikvision.com

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

Hikvision Tashkent
T +99-67-1238-8430
uzb@hikvision.tu

Hikvision Hong Kong
T +852-2351-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-880-87-88
salesru@hikvision.com

Hikvision Korea
T +82-0631-731-8817
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