

## DS-7616NI-K2/16P/4G (C) 4G NVR

### Key Feature

- Up to 16-ch IP camera inputs, plug & play with 16 power-over-Ethernet (PoE) interfaces
- Up to 160 Mbps incoming bandwidth and 80 Mbps outgoing bandwidth
- H.265+/H.265/H.264+/H.264 video compression
- Up to 1-ch@8 MP/3-ch@4 MP/6-ch@1080p decoding capacity
- 4G wireless network
- Support network keep alive, data monitoring, used data real time display, and data usage notification



### Professional and Reliability

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

### HD Video Output

- Provides 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

- 4-ch Motion Detection 2.0
- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.)

### Network & Ethernet Access

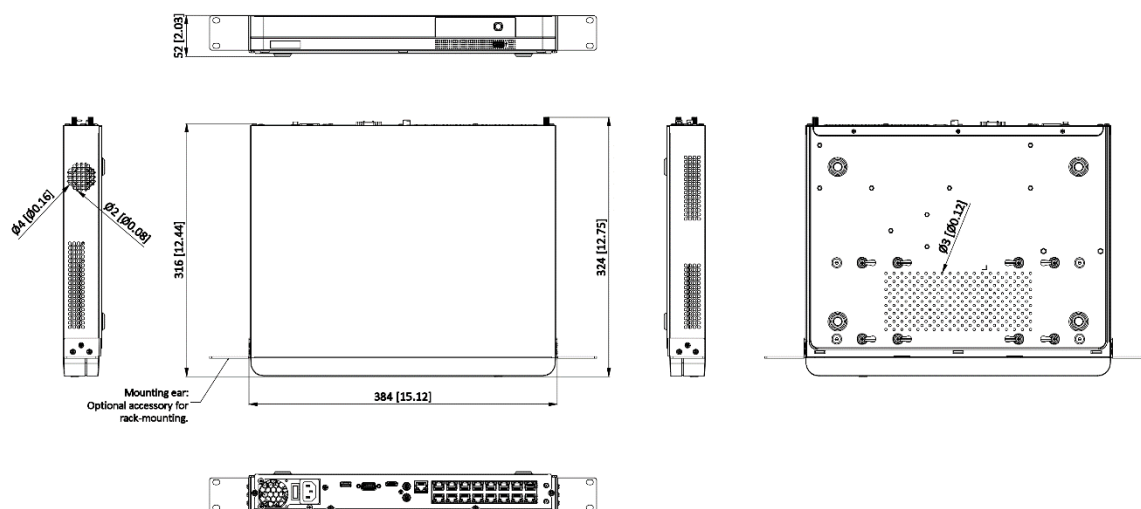
- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect for easy network management

## ▪ Specification

| <b>Motion Detection 2.0</b> |   |
|-----------------------------|---|
| Human/Vehicle Analysis      | 4-ch  |
| <b>Video and Audio</b>      |   |
| IP Video Input              | 16-ch   |
| 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 $\Omega$ )   |
| Two-Way Audio               | 1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )   |
| <b>Decoding</b>             |   |
| Decoding Format             | H.265+/H.265/H.264+/H.264   |
| Recording Resolution        | 8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/ 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF   |
| Synchronous playback        | 16-ch   |
| Decoding Capability         | 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)   |
| Stream Type                 | Video, Video & Audio  |
| Audio Compression           | G.711ulaw,G.711alaw,G.722,G.726,AAC,MP2L2   |
| <b>Network</b>              |   |
| Network Interface           | 1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface   |
| Network Protocol            | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS  |
| Remote Connection           | 32  |
| <b>PoE</b>                  |   |
| Interface                   | 16, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface   |
| Power                       | ≤ 150 W   |
| Standard                    | IEEE 802.3 af/at  |
| <b>Wireless Parameter</b>   |   |
| SIM/UIM Card Slot           | 1 micro built-in SIM card slot  |
| SMA Antenna Interface       | 1 4G interface, antenna module cable length: 3 m<br>1 ANT interface for GPS antenna (GPS antenna is optional)   |

|                            |   |
|----------------------------|---|
| Wireless Standard          | GSM/EDGE: 850/900/1800MHz<br>WCDMA: B1/B5/B8<br>LTE-FDD: B1/B3/B5/B7/B8/B20/B28<br>LTE-TDD: B38/B40/B41 |
| <b>Auxiliary Interface</b> |   |
| SATA                       | 2 SATA interfaces   |
| Capacity                   | Up to 8 TB capacity for each disk   |
| USB Interface              | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0   |
| <b>General</b>             |   |
| Power Supply               | 100 to 240 VAC, 50 to 60 Hz   |
| Consumption                | ≤ 15 W (without HDD and PoE off)  |
| Working Temperature        | -10 °C to 55 °C (14 °F to 131 °F)   |
| Working Humidity           | 10% to 90%  |
| Dimension (W × D × H)      | 384 × 316 × 52 mm (15.1" × 12.4" × 2.0")  |
| Weight                     | ≤ 3 kg (without HDD, 6.6 lb.)   |

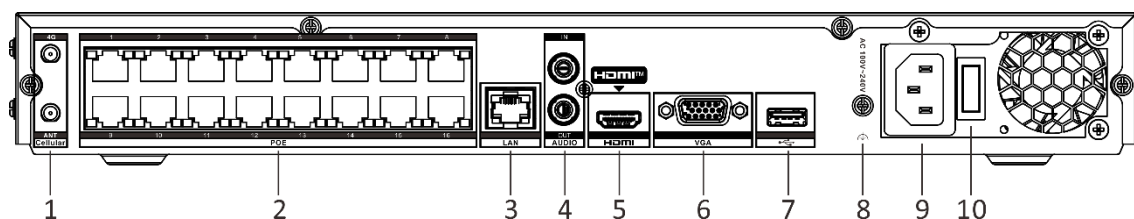
## Dimension



Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

## Physical Interface



| No. | Description                          | No. | Description   |
|-----|--------------------------------------|-----|---------------|
| 1   | Antenna interface                    | 6   | VGA interface |
| 2   | Network interfaces with PoE function | 7   | USB interface |
| 3   | LAN network interface                | 8   | GND           |
| 4   | Audio out and audio in               | 9   | Power supply  |
| 5   | HDMI interface                       | 10  | Power switch  |

## Available Model

DS-7616NI-K2/16P/4G(C)

### Headquarters

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



Follow us on social media to get the latest product and solution information.



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision\_Global



Hikvision  
Corporate Channel



hikvisionhq