

## DS-7616NI-M2 M Series 8K NVR

### Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 16-ch IP camera inputs
- Up to 16-ch@4 MP decoding capacity
- Up to 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 8K resolution

### Storage and Playback

- Up to 2 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

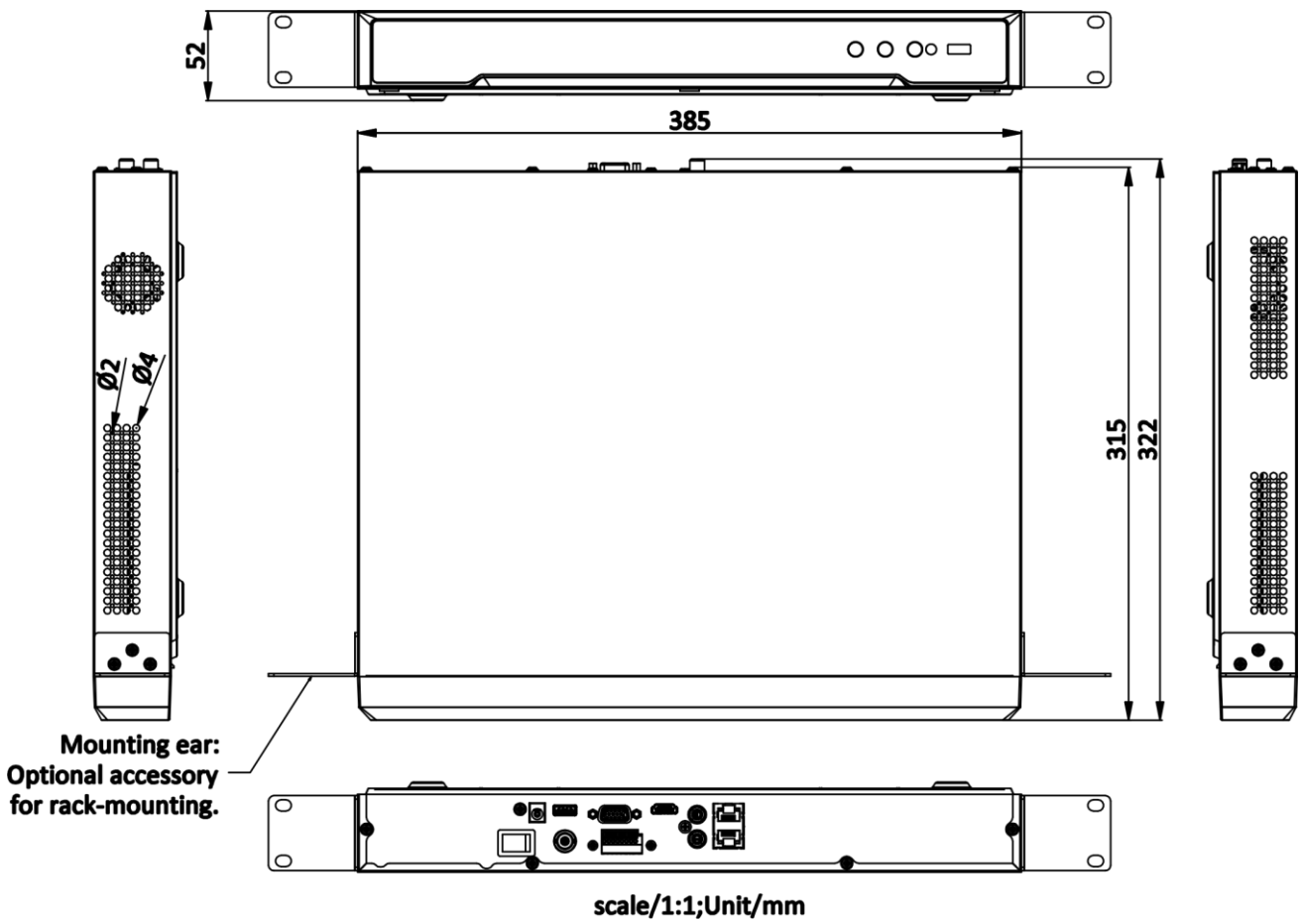
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

## ▪ Specification

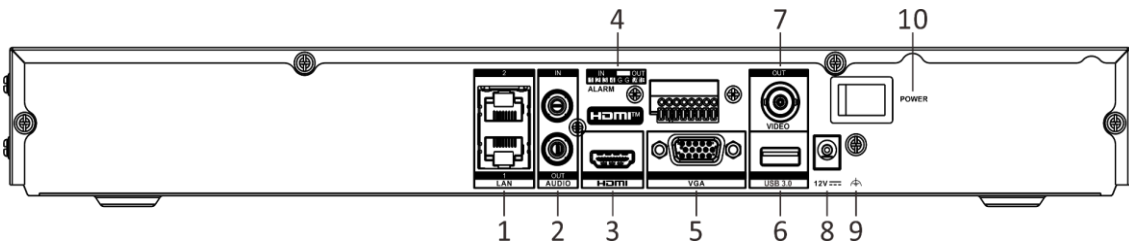
| Video and Audio       |   |
|-----------------------|---|
| IP Video Input        | 16-ch<br>Up to 32 MP resolution<br>*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs.   |
| Incoming Bandwidth    | 256 Mbps  |
| Outgoing Bandwidth    | 256 Mbps  |
| HDMI Output           | 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz                |
| VGA Output            | 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |
| Video Output Mode     | HDMI/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         | 1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)   |
| Decoding              |   |
| Decoding Format       | H.265+/H.265/H.264+/H.264   |
| 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>*: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs. |
| Synchronous Playback  | 16-ch   |
| Decoding Capability   | 2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)  |
| Dual-Stream Recording | Support   |
| Stream Type           | Video, Video & Audio  |
| Audio Compression     | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2   |
| Network               |   |
| Remote Connection     | 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  |
| Auxiliary Interface   |   |
| SATA                  | 2 SATA interfaces   |

|                       |  |
|-----------------------|--|
| Capacity              | Up to 14 TB capacity for each HDD  |
| Alarm In/Out          | 4/1  |
| USB Interface         | Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0  |
| <b>General</b>        |  |
| Power Supply          | 12 VDC, 3.33 A   |
| Consumption           | ≤ 15 W (without HDD)   |
| Working Temperature   | -10 °C to 55 °C (14 °F to 131 °F)  |
| Working Humidity      | 10% to 90%   |
| Dimension (W × D × H) | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0")   |
| Weight                | ≤ 3 kg (without HDD, 2.2 lb.)  |
| <b>Certification</b>  |  |
| FCC                   | Part 15 Subpart B, ANSI C63.4-2014   |
| CE                    | EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020 |

## Dimension



## Physical Interface



| No. | Description                | No. | Description       |
|-----|----------------------------|-----|-------------------|
| 1   | LAN 1 and LAN 2 interfaces | 6   | USB 3.0 interface |
| 2   | Audio in and audio out     | 7   | CVBS video output |
| 3   | HDMI interface             | 8   | Power supply      |
| 4   | Alarm in and alarm out     | 9   | GND               |
| 5   | VGA output                 | 10  | Power switch      |

## Available Model

DS-7616NI-M2

### 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