

DS-7616NI-M2/16P 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

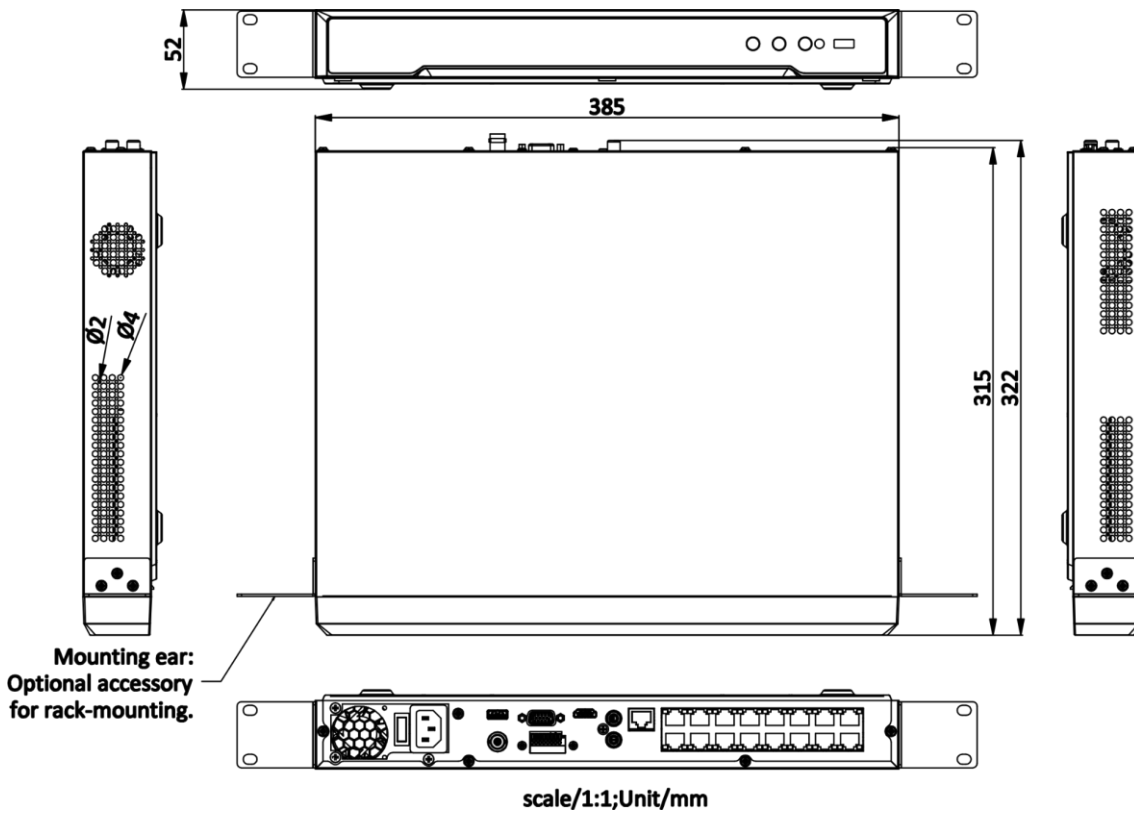
- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

▪ Specification

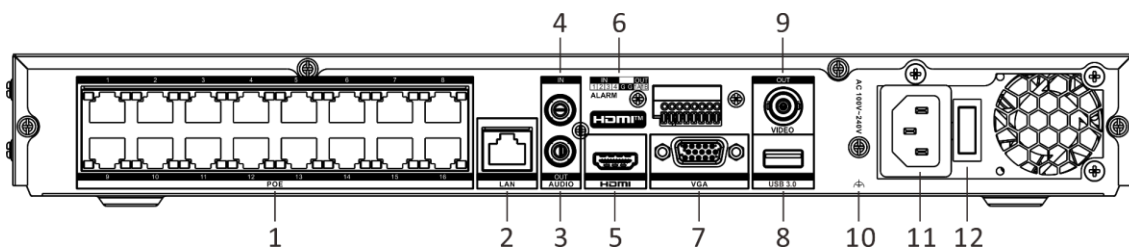
| Video and Audio | |
|-----------------------|---|
| IP Video Input | 16-ch Up to 32 MP resolution *: After ultra HD resolution mode is enabled, the NVR supports up to 8-ch 32 MP/24 MP IP video inputs. |
| Incoming Bandwidth | 256 Mbps |
| Outgoing Bandwidth | 256 Mbps |
| HDMI Output | 8K (7680 × 4320)/30Hz, 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 *: 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 |
| PoE | |
| Interface | 16, RJ-45 10/100 Mbps self-adaptive Ethernet interface |

| | |
|----------------------------|--|
| Power | ≤ 200 W |
| Standard | IEEE 802.3 af/at |
| 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 |
| General | |
| 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) | 385 × 315 × 52 mm (15.2" × 12.4" × 2.0") |
| Weight | ≤ 3 kg (without HDD, 2.2 lb.) |
| Certification | |
| 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 | Network interfaces with PoE function | 7 | VGA output |
| 2 | LAN interface | 8 | USB 3.0 interface |
| 3 | Audio out | 9 | CVBS video output |
| 4 | Audio in | 10 | GND |
| 5 | HDMI interface | 11 | 100 to 240 VAC power supply |
| 6 | Alarm in and alarm out | 12 | Power switch |

Available Model

DS-7616NI-M2/16P

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