

DS-7716NI-M4 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 20-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
- Solar-powered camera is connectable through OTAP protocol. NVR would get stream when user requests, and camera would send back videos according to the schedule

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 8K resolution
- Dual 4K HDMI output 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

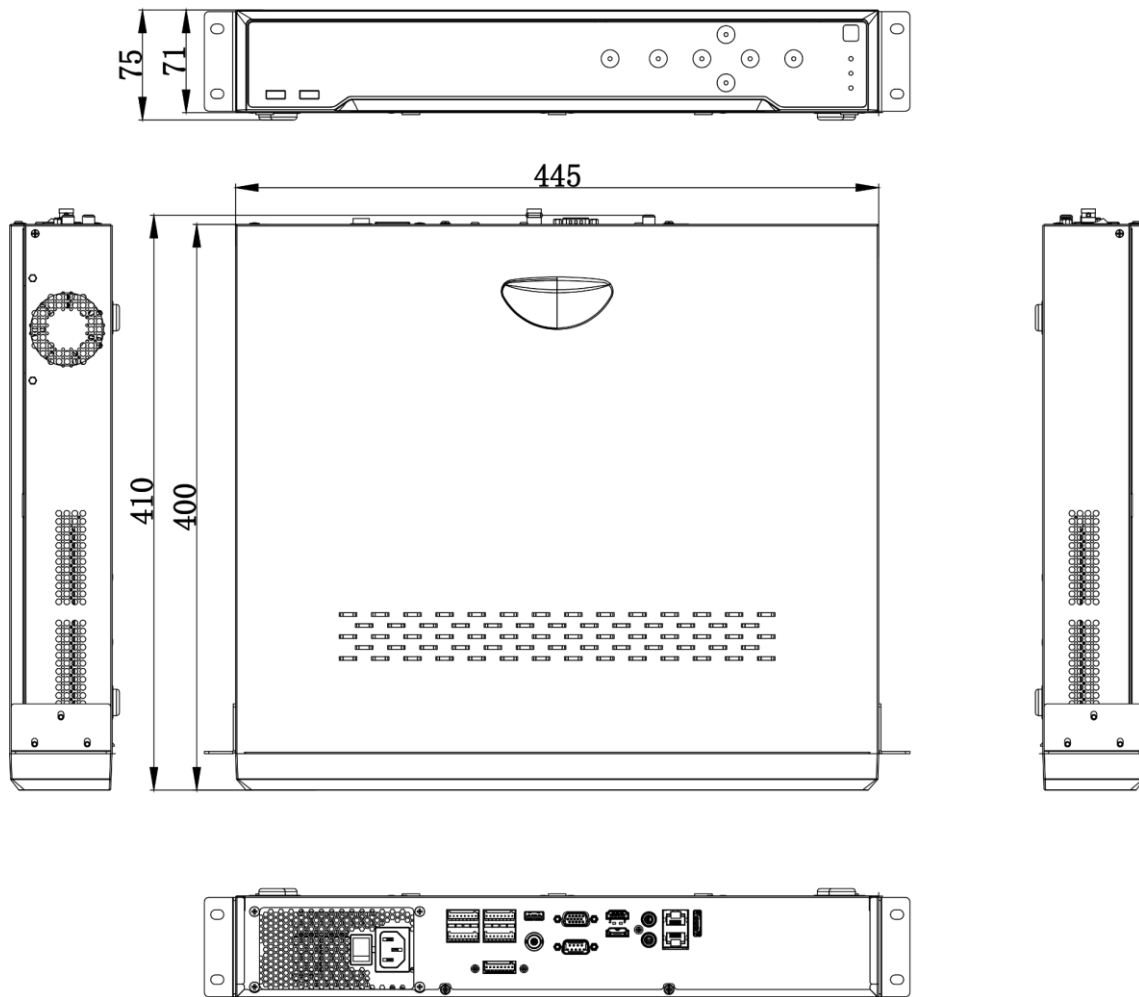
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

▪ Specification

| Video and Audio | |
|-----------------------|--|
| IP Video Input | 16-ch Up to 32 MP resolution *: The NVR supports up to 8-ch 32 MP/24 MP IP video inputs. |
| Incoming Bandwidth | 256 Mbps |
| Outgoing Bandwidth | 256 Mbps |
| HDMI 1 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 |
| HDMI 2 Output | 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 | HDMI1/VGA simultaneous output, HDMI2/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 *: 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@8 MP (30 fps)/10-ch@8 MP (30 fps)/20-ch@4 MP (30 fps)/40-ch@1080p (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 interfaces |
| RAID | |
| RAID Type | N/A |

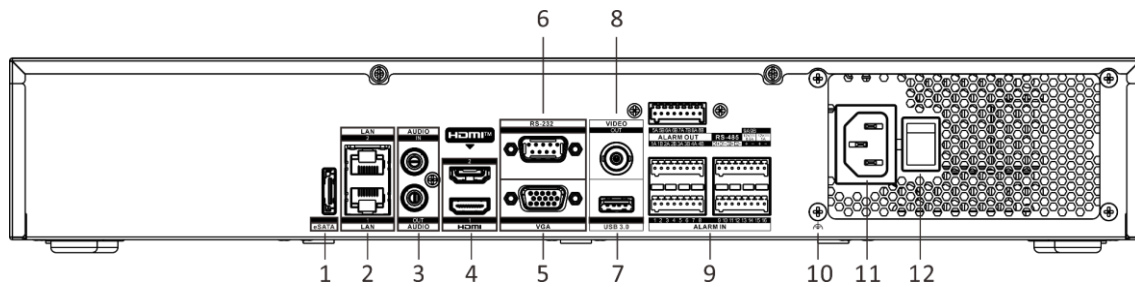
| Auxiliary Interface | |
|----------------------------|--|
| eSATA | 1 eSATA interface |
| SATA | 4 SATA interfaces |
| Capacity | Up to 16 TB capacity for each disk |
| Serial Interface | 2 RS-485 (half-duplex), 1 RS-232 |
| Alarm In/Out | 16/9 |
| USB Interface | Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0 |
| Ctrl 12V | Controllable 12 VDC, 1 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9. |
| DC 12V | 12 VDC, 1 A power output |
| 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% |
| Chassis | 19-inch rack-mounted 1.5U chassis |
| Dimension (W × D × H) | 445 × 400 × 75 mm (17.5"× 15.7" × 3.0") |
| Weight | ≤ 5 kg (without HDD, 11 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



scale/1:1;Unit/mm

Physical Interface



| No. | Description | No. | Description |
|-----|------------------------------|-----|--|
| 1 | eSATA interface | 7 | USB 3.0 interface |
| 2 | LAN 1 and LAN 2 interfaces | 8 | CVBS video output |
| 3 | Audio in and audio out | 9 | Alarm in, alarm out, RS-485, Ctrl 12V and DC 12V |
| 4 | HDMI 1 and HDMI 2 interfaces | 10 | GND |
| 5 | VGA output | 11 | 100 to 240 VAC power supply |
| 6 | RS-232 serial interface | 12 | Power switch |

Available Model

DS-7716NI-M4

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