

## DS-96128NI-M16 M Series 8K NVR

### Key Feature

- Up to 128-ch IP camera inputs
- Up to 8-ch IP speakers can be connected
- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@16 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- Up to 400 Mbps incoming bandwidth and 400 Mbps outgoing bandwidth
- 2 HDMI (different source) and 2 VGA (different source) interfaces, 8K or dual 4K video outputs
- Supports special cameras, including people counting camera, ANPR (automatic number plate recognition) camera, and fisheye camera
- Advanced streaming technology enables smooth live view in poor network conditions
- Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively avoids data loss risks



### 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 or dual 4K resolution

### Storage and Playback

- 16 SATA interfaces for HDD connection (up to 16 TB capacity per HDD)
- 1 eSATA interface 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

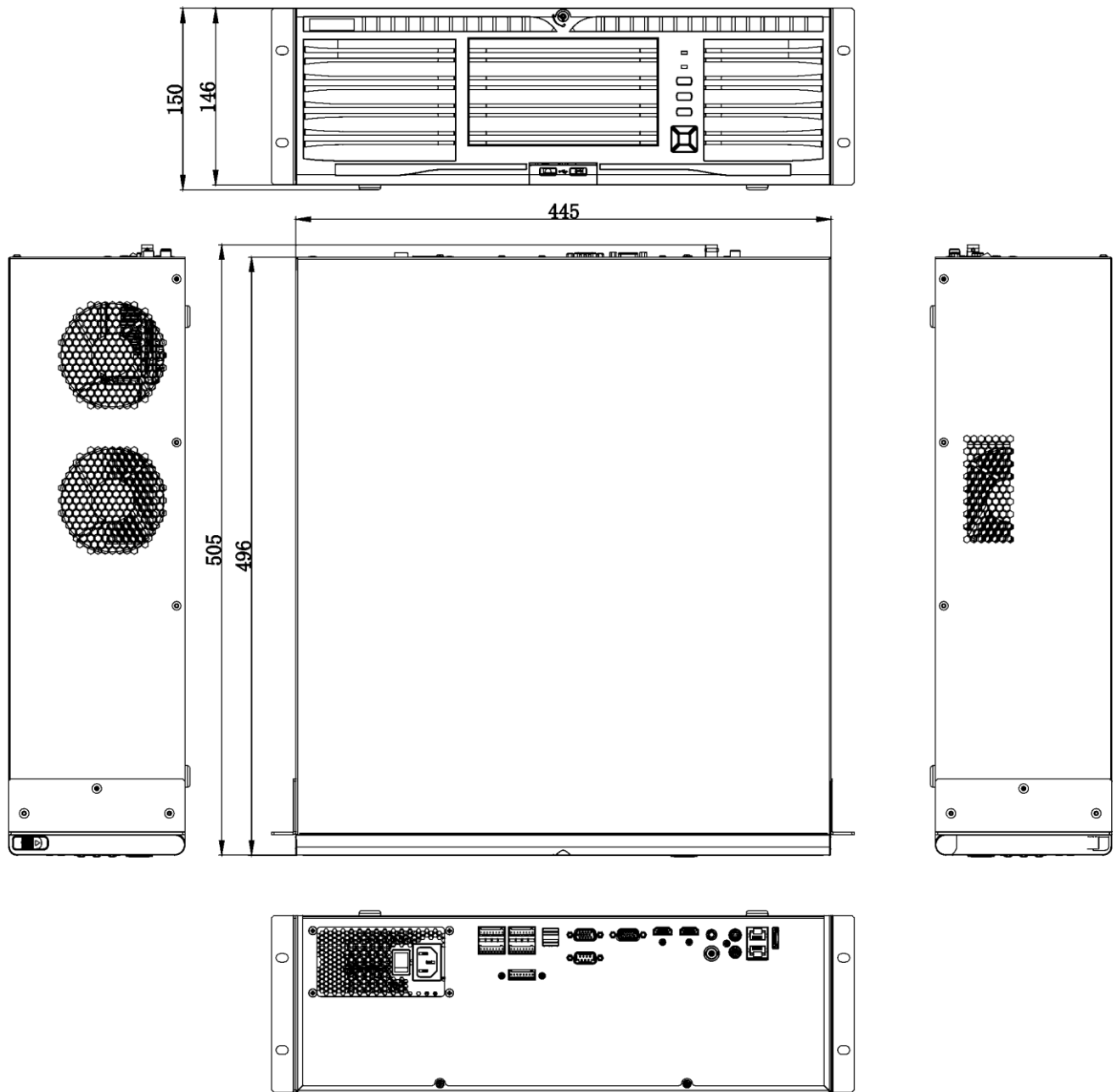
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

### ▪ Specification

| Video and Audio      |   |
|----------------------|---|
| IP Video Input       | 128-ch  |
| Incoming Bandwidth   | 400 Mbps  |
| Outgoing Bandwidth   | 400 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<br>*: When HDMI 1 output resolution is 8K, the maximum HDMI 2 output resolution is 1080p. |
| VGA 1 Output         | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |
| VGA 2 Output         | 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  |
| Video Output Mode    | HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output   |
| CVBS Output          | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480   |
| Audio Input          | 1-ch, RCA (2.0 Vp-p, 1 KΩ)  |
| Audio Output         | 2-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/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF   |
| Synchronous playback | 16-ch   |

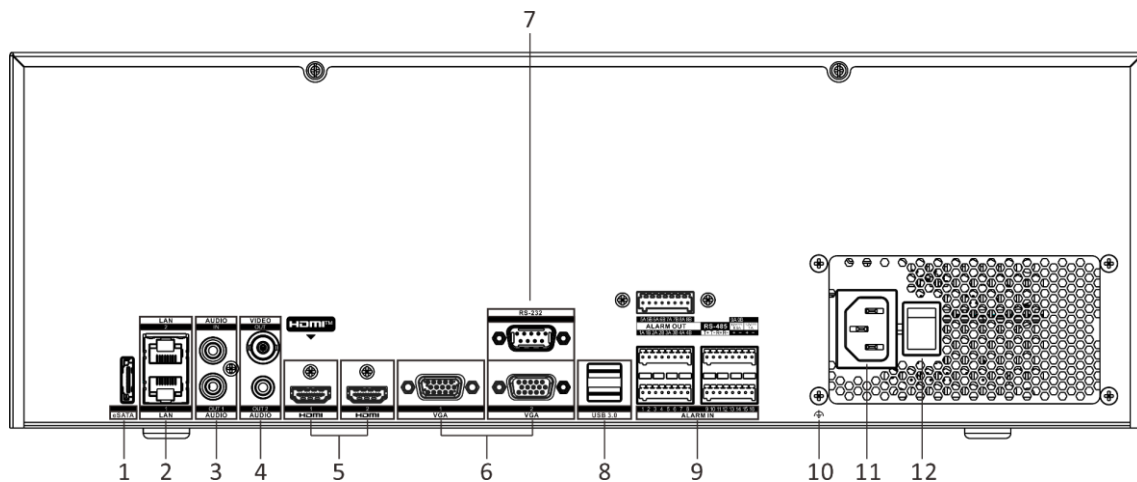
|                            |  |
|----------------------------|--|
| Decoding Capability        | 2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)/32-ch@2 MP (30fps)  |
| Audio Compression          | G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM  |
| <b>Network</b>             |  |
| Network Protocol           | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP   |
| Network Interface          | 2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface   |
| Camera Access Protocol     | ONVIF(Version 2.5), RTSP   |
| <b>RAID</b>                |  |
| RAID Type                  | RAID0, RAID1, RAID5, RAID6, RAID10   |
| <b>Auxiliary Interface</b> |  |
| Serial Interface           | 1 RS-485 (full-duplex), 1 RS-232   |
| SATA                       | 16 SATA interfaces supporting hot-plug   |
| eSATA                      | 1 eSATA interface  |
| Capacity                   | Up to 16 TB capacity for each disk   |
| Alarm In/Out               | 16/9   |
| USB Interface              | Front panel: 2 × USB 2.0; Rear panel: 2 × 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.<br>*: The Ctrl 12V power is controlled by alarm output 9. |
| DC 12V                     | 12 VDC, 1 A power output   |
| <b>General</b>             |  |
| Power Supply               | 100 to 240 VAC, 50 to 60 Hz  |
| Consumption                | ≤ 50 W (without HDD)   |
| Working Temperature        | -10 °C to 55 °C (14 °F to 131 °F)  |
| Working Humidity           | 10% to 90%   |
| Chassis                    | 3U chassis   |
| Dimension (W × D × H)      | 445 × 496 × 150 mm (17.5" × 19.5" × 5.9")  |
| Weight                     | ≤ 12.5 kg (without HDD, 27.6 lb.)  |
| <b>Certification</b>       |  |
| Obtained Certification     | CE, FCC  |
| FCC                        | Part 15 Subpart B, ANSI C63.4-2014   |
| CE                         | EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4  |

# Dimension



scale/1:1;Unit/mm

## Physical Interface



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

## Available Model

DS-96128NI-M16

### 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.

