

## IK-4244TH-MH/P IK-6284TH-MH/P 4 MP Fixed Turret Network Kit



### **IK-4244TH-MH/P:**

- 4K 4-CHANNEL POE NVR HL-NVR-104MH-C/4P with 2TB HDD
- 4 MP IP TURRET CAMERAS (4) IPC-T240H (2.8mm)

### **IK-6284TH-MH/P:**

- 4K 8-CHANNEL POE NVR HL-NVR-208MH-C/8P with 2TB HDD
- 4 MP IP TURRET CAMERAS (6) IPC-T240H (2.8mm)

## ▪ Specification-Camera

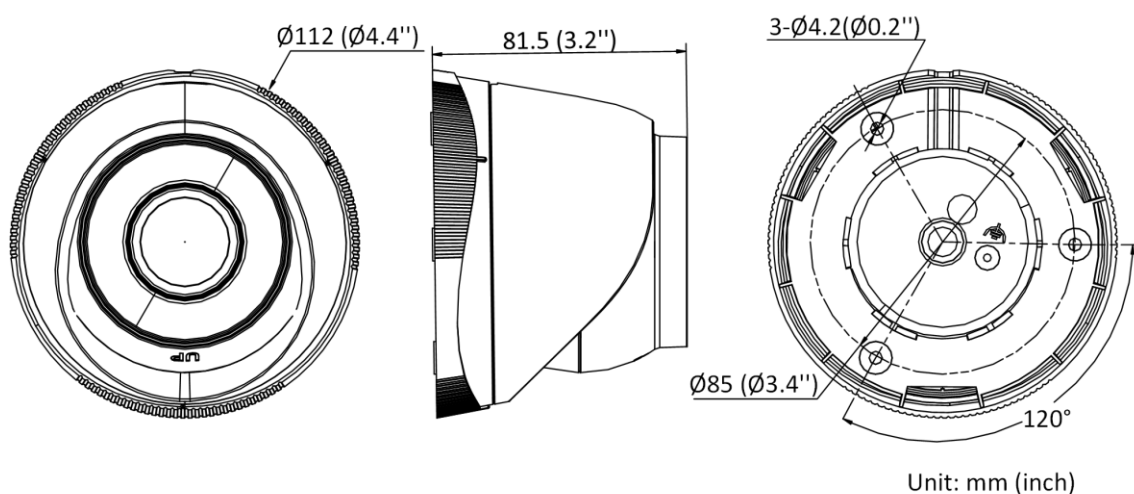
| Camera                   |                                                                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor             | 1/3" progressive scan CMOS                                                                                                                  |
| Max. Resolution          | 2560 × 1440                                                                                                                                 |
| Min. Illumination        | Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR                                                                                         |
| Shutter Time             | 1/3 s to 1/100, 000 s                                                                                                                       |
| Day & Night              | IR cut filter                                                                                                                               |
| Angle Adjustment         | Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°                                                                                        |
| Lens                     |                                                                                                                                             |
| Lens Type                | Fixed focal lens, 2.8 and 4 mm optional                                                                                                     |
| Focal Length & FOV       | 2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7°<br>4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3° |
| Lens Mount               | M12                                                                                                                                         |
| Iris Type                | Fixed                                                                                                                                       |
| Aperture                 | F2.0                                                                                                                                        |
| Illuminator              |                                                                                                                                             |
| Supplement Light Type    | IR                                                                                                                                          |
| Supplement Light Range   | Up to 30 m                                                                                                                                  |
| Smart Supplement Light   | Yes                                                                                                                                         |
| IR Wavelength            | 850 nm                                                                                                                                      |
| Video                    |                                                                                                                                             |
| Main Stream              | 50 Hz: 20 fps (2560 × 1440)<br>25 fps (1920 × 1080, 1280 × 720)<br>60 Hz: 20 fps (2560 × 1440)<br>30 fps (1920 × 1080, 1280 × 720)          |
| Sub-Stream               | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360)                                                                |
| Video Compression        | Main stream: H.265/H.264/H.265+/H.264+<br>Sub-stream: H.265/H.264/MJPEG                                                                     |
| Video Bit Rate           | 32 Kbps to 8 Mbps                                                                                                                           |
| H.264 Type               | Baseline Profile/Main Profile/High Profile                                                                                                  |
| H.265 Type               | Main Profile                                                                                                                                |
| Region of Interest (ROI) | 1 fixed region for main stream                                                                                                              |
| Network                  |                                                                                                                                             |
| Protocols                | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS            |
| Simultaneous Live View   | Up to 6 channels                                                                                                                            |
| API                      | Open Network Video Interface, ISAPI                                                                                                         |
| User/Host                | Up to 32 users. 3 levels: administrator, operator and user                                                                                  |
| Client                   | iVMS-4200, Hik-Connect                                                                                                                      |
| Web Browser              | Plug-in required live view: IE 10+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+     |

| Image                            |                                                                                                                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Settings                   | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser                                                                                                                    |
| Day/Night Switch                 | Auto, Schedule, Day, Night                                                                                                                                                                                                      |
| Wide Dynamic Range (WDR)         | 120 dB                                                                                                                                                                                                                          |
| Image Enhancement                | BLC, 3D DNR                                                                                                                                                                                                                     |
| Interface                        |                                                                                                                                                                                                                                 |
| Ethernet Interface               | 1 RJ45 10 M/100 M self-adaptive Ethernet port                                                                                                                                                                                   |
| Event                            |                                                                                                                                                                                                                                 |
| Basic Event                      | Motion detection, video tampering alarm, exception                                                                                                                                                                              |
| Linkage                          | Upload to FTP, notify surveillance center, send email                                                                                                                                                                           |
| General                          |                                                                                                                                                                                                                                 |
| Power                            | 12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 mm coaxial power plug<br>PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W                                                                                  |
| Dimension                        | $\varnothing$ 112 mm $\times$ 81.5 mm ( $\varnothing$ 4.41" $\times$ 3.21")                                                                                                                                                     |
| Package Dimension                | 150 mm $\times$ 150 mm $\times$ 141 mm (5.9" $\times$ 5.9" $\times$ 5.6")                                                                                                                                                       |
| Weight                           | Approx. 320 g (0.7 lb.)                                                                                                                                                                                                         |
| With Package Weight              | Approx. 556 g (1.2 lb.)                                                                                                                                                                                                         |
| Storage Conditions               | -30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)                                                                                                                                                      |
| Startup and Operating Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)                                                                                                                                                      |
| General Function                 | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter                                                                                                                                |
| Approval                         |                                                                                                                                                                                                                                 |
| EMC                              | FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015) |
| Safety                           | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)                               |
| Environment                      | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                                   |
| Protection                       | IP67 (IEC 60529-2013)                                                                                                                                                                                                           |

## ▪ Available Model

IPC-T240H(2.8mm)(C)

## ▪ Dimension



## ▪ Accessory

### ▪ Optional

| CBS<br>Junction Box                                                                 | CM<br>Corner mount                                                                  | PM<br>Vertical pole mount                                                           | WMS+PC110T<br>Wall Mount                                                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |

# HiLook

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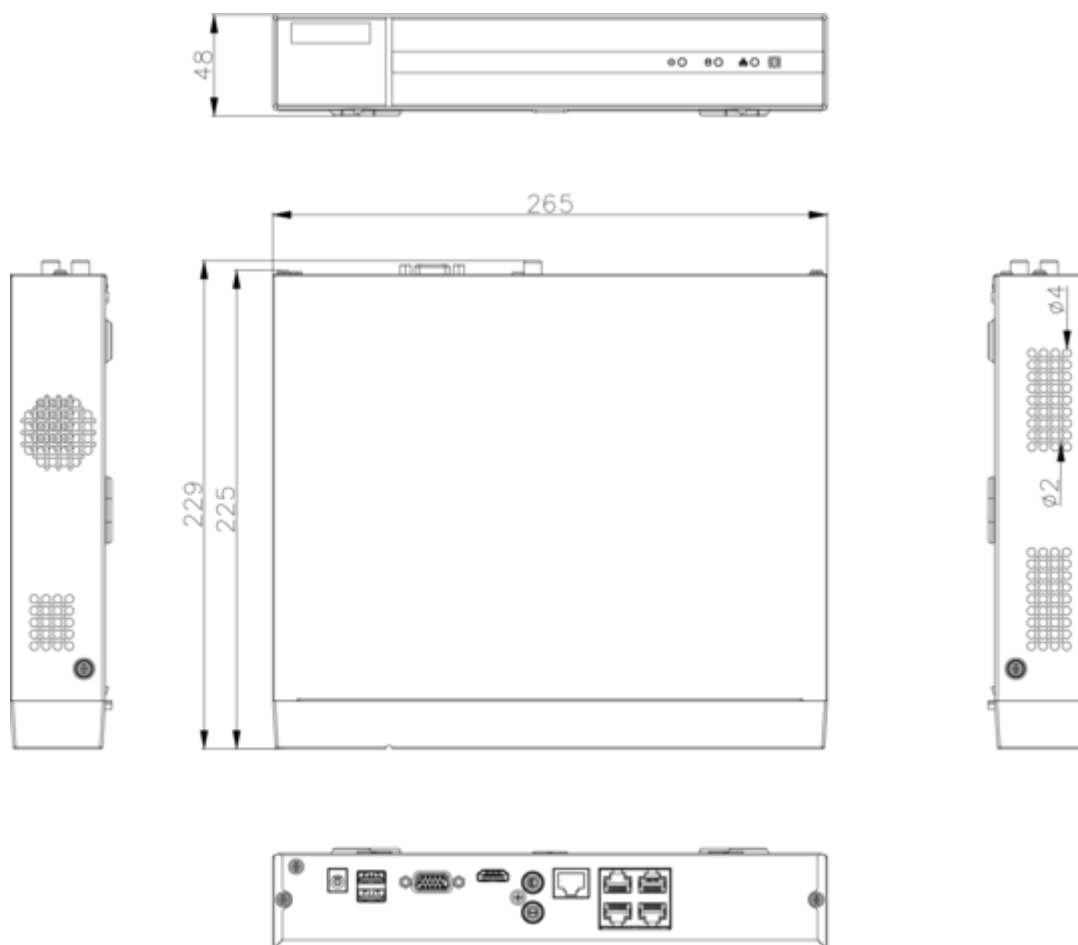
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## ▪ Specification -NVR for IK-4244TH-MH/P

| Motion Detection 2.0   |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human/Vehicle Analysis | 1-ch                                                                                                                                                    |
| Video and Audio        |                                                                                                                                                         |
| IP Video Input         | 4-ch                                                                                                                                                    |
| Incoming Bandwidth     | 40 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, 1k $\Omega$ )                                                                                                                      |
| Decoding               |                                                                                                                                                         |
| 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   | 4-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                                                                                                                         |
| Network                |                                                                                                                                                         |
| Remote Connection      | 32                                                                                                                                                      |
| Network Protocol       | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                  |
| Network Interface      | 1 RJ-45 10 /100 Mbps self-adaptive Ethernet interface                                                                                                   |
| PoE                    |                                                                                                                                                         |
| Interface              | 4-ch, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                |
| Power                  | ≤ 50 W                                                                                                                                                  |
| Standard               | IEEE 802.3 af/at                                                                                                                                        |
| Auxiliary Interface    |                                                                                                                                                         |
| SATA                   | 1 SATA interface                                                                                                                                        |
| Capacity               | Up to 8 TB capacity for each disk                                                                                                                       |
| USB Interface          | 2 x USB 2.0                                                                                                                                             |
| Alarm In/Out           | N/A                                                                                                                                                     |
| General                |                                                                                                                                                         |
| Power Supply           | 48 VDC, 1.35 A                                                                                                                                          |

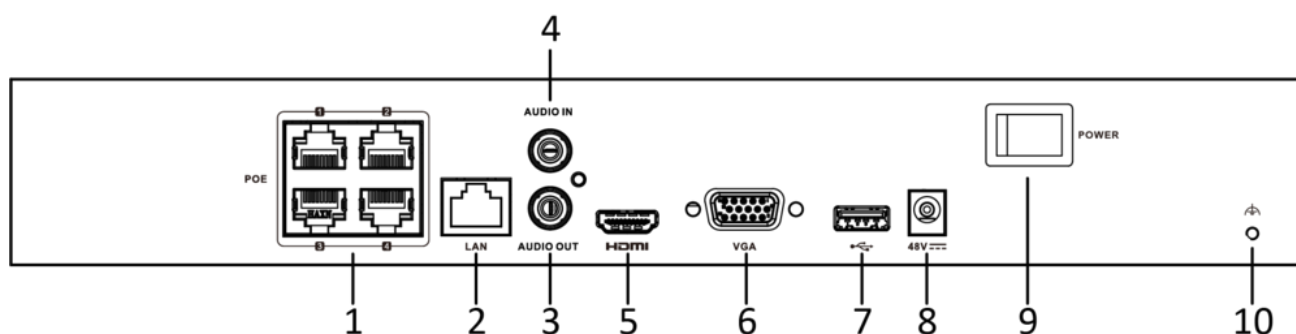
|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Consumption           | ≤ 10 W (without HDD and PoE off)                                       |
| Working Temperature   | -10 °C to 55 °C (14 °F to 131 °F)                                      |
| Working Humidity      | 10% to 90%                                                             |
| Dimension (W × D × H) | 265 × 225 × 48 mm (10.2" × 8.9" × 1.9")                                |
| Weight                | ≤ 1 kg (without HDD, 2.2 lb.)                                          |
| <b>Certification</b>  |                                                                        |
| FCC                   | Part 15 Subpart B, ANSI C63.4-2014                                     |
| CE                    | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017 |

## Dimension



scale/1:1;Unit/mm

## Physical Interface



| No. | Description                          | No. | Description                |
|-----|--------------------------------------|-----|----------------------------|
| 1   | Network interfaces with PoE function | 6   | VGA output (DB9 connector) |
| 2   | LAN interface                        | 7   | USB interface              |
| 3   | AUDIO OUT                            | 8   | Power supply               |
| 4   | AUDIO IN                             | 9   | Power switch               |
| 5   | HDMI interface                       | 10  | GND                        |

## Available Model

NVR-104MH-C/4P (D)



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## ▪ Specification -NVR for IK-6284TH-MH/P

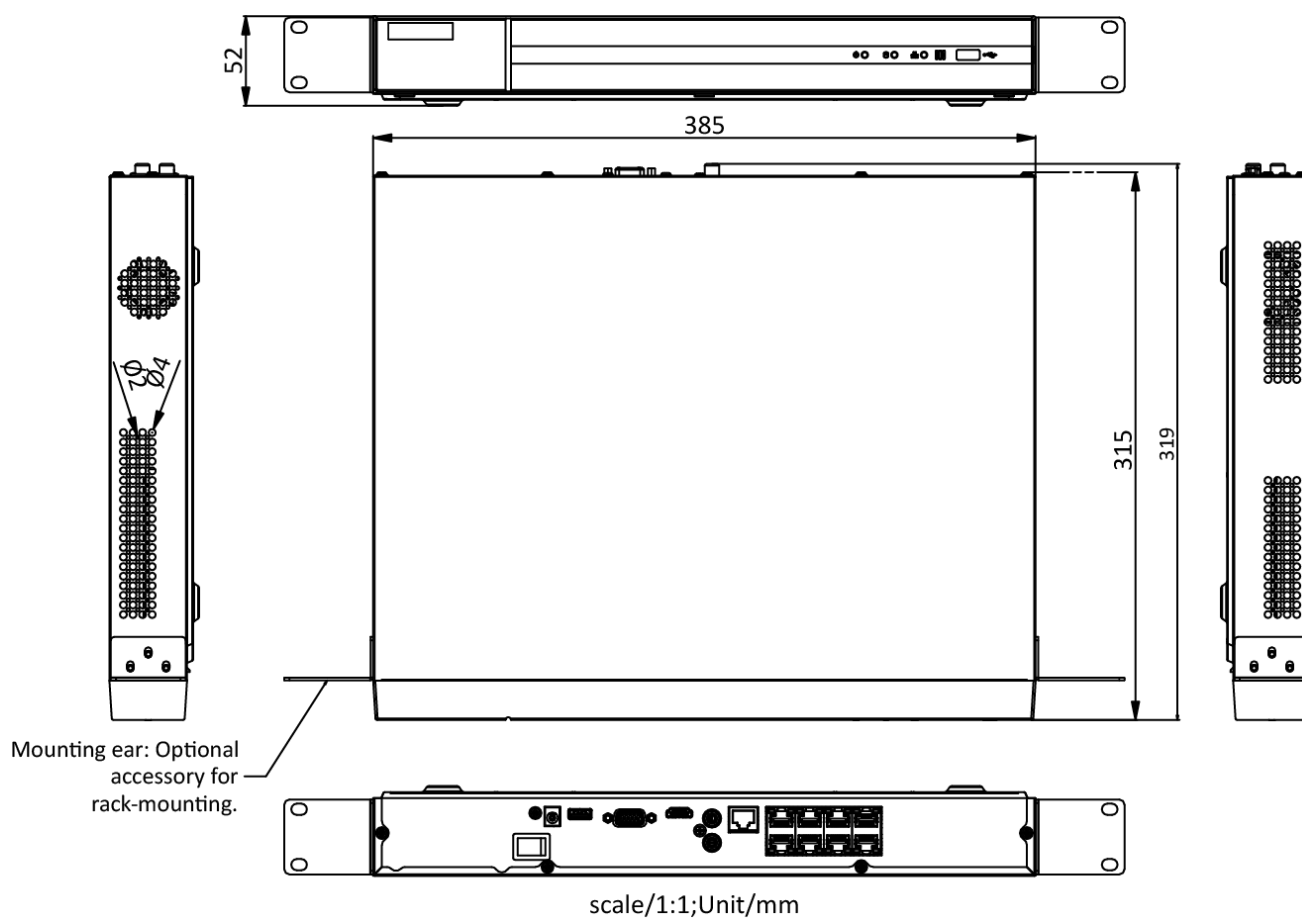
| Motion Detection 2.0   |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human/Vehicle Analysis | 4-ch                                                                                                                                                    |
| Video and Audio        |                                                                                                                                                         |
| IP Video Input         | 8-ch                                                                                                                                                    |
| Incoming Bandwidth     | 80 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 KΩ)                                                                                                                                |
| Two-Way Audio          | 1-ch, RCA (2.0 Vp-p, 1 kΩ)                                                                                                                              |
| Decoding               |                                                                                                                                                         |
| 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   | 8-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                                                                                                                         |
| Network                |                                                                                                                                                         |
| Remote Connection      | 32                                                                                                                                                      |
| Network Protocol       | TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                                  |
| Network Interface      | 1, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                   |
| PoE                    |                                                                                                                                                         |
| Interface              | 8, RJ-45 10/100 Mbps self-adaptive Ethernet interface                                                                                                   |
| Power                  | ≤ 80 W                                                                                                                                                  |
| Standard               | IEEE 802.3 af/at                                                                                                                                        |
| Auxiliary Interface    |                                                                                                                                                         |
| SATA                   | 2 SATA interfaces                                                                                                                                       |
| Capacity               | Up to 8 TB capacity for each disk                                                                                                                       |
| Alarm In/Out           | N/A                                                                                                                                                     |
| USB Interface          | 2 x USB 2.0                                                                                                                                             |
| General                |                                                                                                                                                         |
| Power Supply           | 48 VDC, 2.5 A                                                                                                                                           |

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| 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%                                                             |
| Chassis               | 1U chassis                                                             |
| Dimension (W × D × H) | 385 × 315 × 52 mm (15.2"× 12.4" × 2.0")                                |
| Weight                | ≤ 2.6 kg (without HDD, 5.7 lb.)                                        |
| <b>Certification</b>  |                                                                        |
| FCC                   | Part 15 Subpart B, ANSI C63.4-2014                                     |
| CE                    | EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017 |

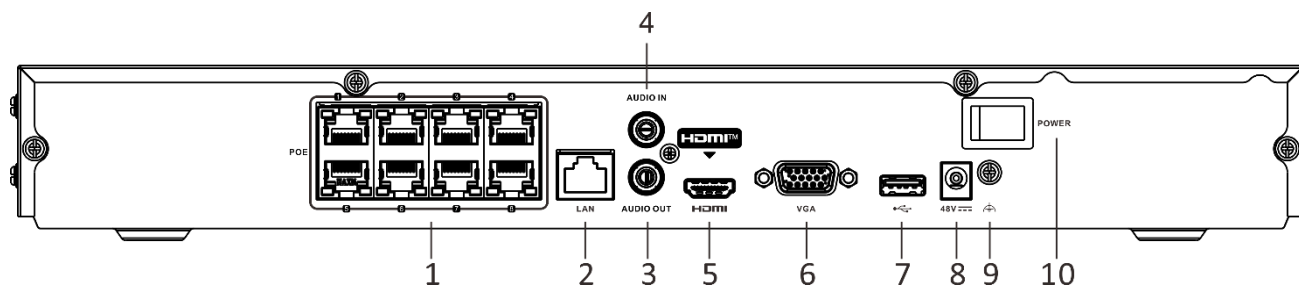
**Note:**

Alarm in/out can be optional for certain models. If you select a device model with "/ALARM", then the device will have 4 alarm inputs and 1 alarm output.

## Dimension



## Physical Interface



| No. | Description    | No. | Description                |
|-----|----------------|-----|----------------------------|
| 1   | PoE Interfaces | 6   | VGA Output (DB9 Connector) |
| 2   | LAN Interface  | 7   | USB Interface              |
| 3   | AUDIO OUT      | 8   | Power Supply               |
| 4   | AUDIO IN       | 9   | GND                        |
| 5   | HDMI Interface | 10  | Power Switch               |

## Available Model

NVR-208MH-C/8P (D)



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