

## iDS-7204HUHI-M1/T 4-ch 5MP 1U H.265 AcuSense DVR

### ▪ Key Feature

- 4 channels and 1 HDD 1U AcuSense DVR
- Support 4-ch Advanced model Perimeter Protection based on Deep Learning algorithm
- Efficient H.265 pro+ compression technology
- Encoding ability up to 4K/8MP @ 8fps(1-ch); 3K/5MP @12fps
- Up to 8 channels IP camera inputs, each channel up to 8MP
- 5 signals input adaptively (HDTV/ AHD/ CVI/ CVBS/ IP)
- Support all channels Motion Detection Technology
- Support all channels HDTV Two-Way Audio Technology



### Smart Function

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning based perimeter protection

### Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 8 MP resolution

### Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

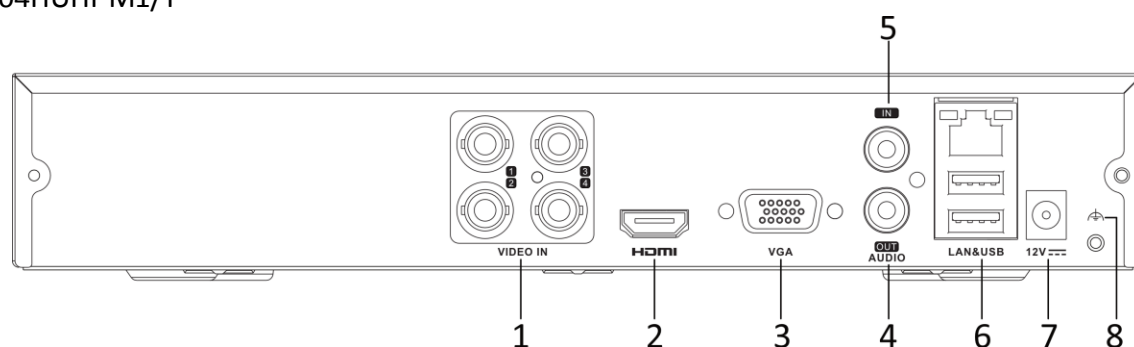
## ▪ Specification

| Motion Detection 2.0         |                                                                                                                                                                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Human/Vehicle Analysis       | <p>Deep learning-based motion detection 2.0 is enabled by default for all analog channels. It can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights.</p> <p>Quick search by object or event type is supported.</p>                                                      |
| Perimeter Protection         |                                                                                                                                                                                                                                                                                                                              |
| Human/Vehicle Analysis       | Up to 4-ch                                                                                                                                                                                                                                                                                                                   |
| Facial Detection             |                                                                                                                                                                                                                                                                                                                              |
| Facial Detection and Capture | Face picture detection, face picture search                                                                                                                                                                                                                                                                                  |
| Video and Audio              |                                                                                                                                                                                                                                                                                                                              |
| IP Video Input               | <p>2-ch (up to 6-ch)</p> <p>Enhanced IP mode on:<br/>4-ch (up to 8-ch), each up to 4 Mbps<br/>Up to 8 MP resolution<br/>Support H.265+/H.265/H.264+/H.264 IP cameras</p>                                                                                                                                                     |
| Analog Video Input           | <p>4-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>                                                                                                                                                                                                                                           |
| HDTVI Input                  | 8 MP(3840 × 2160)@12/15 fps, 3K(2960 × 1665)@25/20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                                                                                |
| AHD Input                    | 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                                                                                                                                        |
| HDCVI Input                  | 8 MP(3840 × 2160)@12/15 fps, 3K(2880×1620)@25/20fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps                                                                                                                                                                                   |
| CVBS Input                   | PAL/NTSC                                                                                                                                                                                                                                                                                                                     |
| HDMI Output                  | 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                                                                                                                                                             |
| VGA Output                   | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz                                                                                                                                                                                                                                                                    |
| Video Output Mode            | HDMI/VGA simultaneous output                                                                                                                                                                                                                                                                                                 |
| Audio Input                  | <p>1-ch, RCA (2.0 Vp-p, 1 KΩ)</p> <p>4-ch via coaxial cable</p>                                                                                                                                                                                                                                                              |
| Audio Output                 | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                                                                     |
| Two-Way Audio                | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)                                                                                                                                                                                                                                                                     |
| Synchronous Playback         | 4-ch                                                                                                                                                                                                                                                                                                                         |
| Recording                    |                                                                                                                                                                                                                                                                                                                              |
| Video Compression            | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                                                                                                                                                                      |
| Encoding Resolution          | 8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF                                                                                                                                                                                                                                                                           |
| Frame Rate                   | <p>Main stream:<br/>8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/8 MP Lite@15 fps/3 MP@18 fps<br/>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br/>*: 8 MP@8 fps is only available for channel 1, 8 MP Lite is only available for channel 2 to channel 4.</p> <p>Sub-stream:<br/>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p> |
| Video Bitrate                | 32 Kbps to 10 Mbps                                                                                                                                                                                                                                                                                                           |
| Dual-stream                  | Support                                                                                                                                                                                                                                                                                                                      |

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| Stream Type                | Video, Video & Audio                                                                    |
| Audio Compression          | G.711u                                                                                  |
| Audio Bitrate              | 64 Kbps                                                                                 |
| <b>Network</b>             |                                                                                         |
| Total Bandwidth            | 96 Mbps                                                                                 |
| Remote Connection          | 32                                                                                      |
| Network Protocol           | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Network Interface          | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface                                    |
| Wi-Fi                      | Connectable to Wi-Fi network by Wi-Fi dongle through USB interface                      |
| <b>Auxiliary Interface</b> |                                                                                         |
| SATA                       | 1 SATA interface                                                                        |
| Capacity                   | Up to 10 TB capacity for each disk                                                      |
| Alarm In/Out               | N/A                                                                                     |
| USB Interface              | 2 × USB 2.0                                                                             |
| <b>General</b>             |                                                                                         |
| Power Supply               | 12 VDC, 1.5 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)      | 263 × 225 × 48 mm (10.3 × 8.8 × 1.9 inch)                                               |
| Weight                     | ≤ 1.16 kg (without HDD, 2.6 lb.)                                                        |

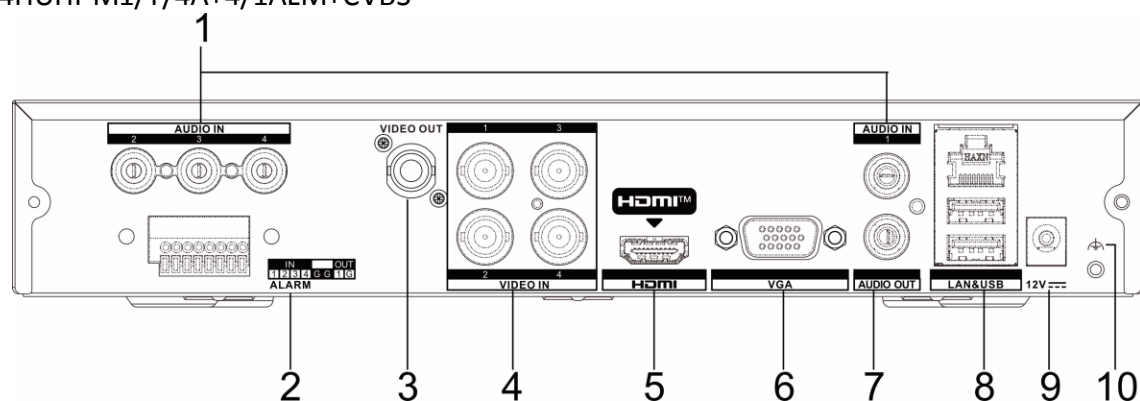
## ▪ Physical Interface

iDS-7204HUHI-M1/T



| No. | Description    | No. | Description                              |
|-----|----------------|-----|------------------------------------------|
| 1   | VIDEO IN       | 5   | AUDIO IN                                 |
| 2   | HDMI interface | 6   | LAN network interface and USB interfaces |
| 3   | VGA interface  | 7   | 12V DC power input                       |
| 4   | AUDIO OUT      | 8   | GND                                      |

iDS-7204HUHI-M1/T/4A+4/1ALM+CVBS



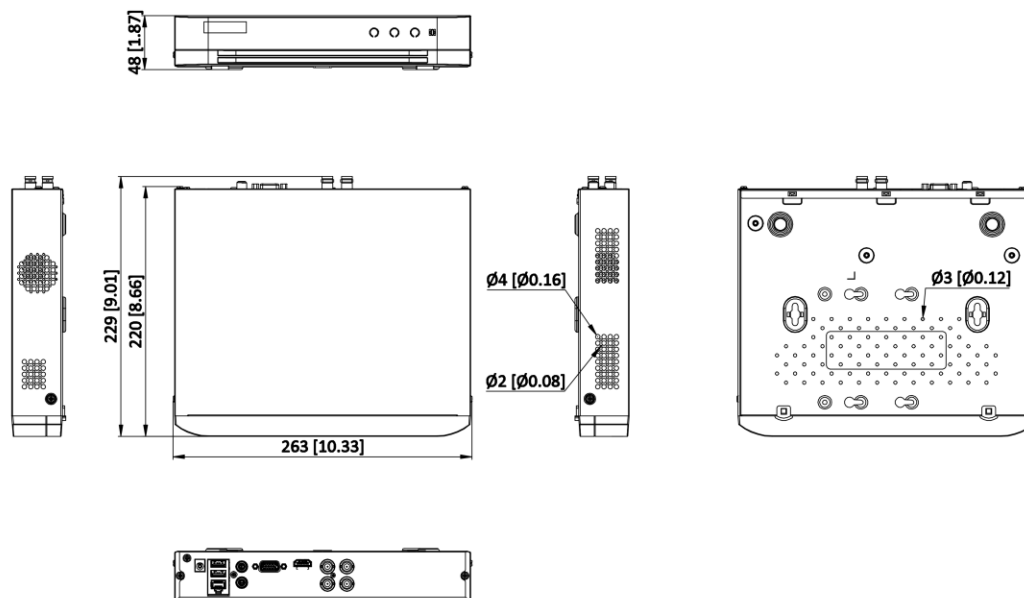
| No. | Description      | No. | Description                              |
|-----|------------------|-----|------------------------------------------|
| 1   | AUDIO IN         | 6   | VGA interface                            |
| 2   | ALARM IN and OUT | 7   | AUDIO OUT                                |
| 3   | VIDEO OUT        | 8   | LAN network interface and USB interfaces |
| 4   | VIDEO IN         | 9   | 12V DC power input                       |
| 5   | HDMI interface   | 10  | GND                                      |

#### ▪ Available Model

iDS-7204HUHI-M1/T

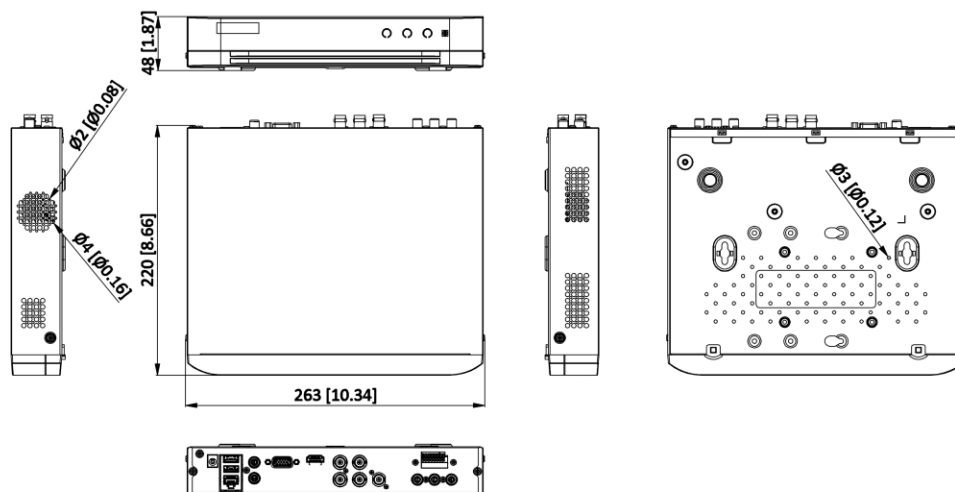
iDS-7204HUHI-M1/T/4A+4/1ALM+CVBS

## ▪ Dimension



Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|



Unit:mm [inch]

|       |     |
|-------|-----|
| SCALE | 1:1 |
|-------|-----|

# See Far, Go Further



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