

## DS-7204HUHI-S2/XT 4-ch HU 1U PowerX DVR with Guanlan Encoding



- 4-ch Analog video inputs, Encoding ability up to 4K @ 8fps(1-ch) or 3K/5MP @12fps
- 4-ch Guanlan AI Encoding for saving recording storage effectively
- Support 2-ch Facial Recognition or 4-ch Perimeter Protection based on Deep Learning algorithm
- Support 4-ch AcuSearch, helping users quickly find target in recordings
- Support All channels Motion Detection Technology
- Up to 8 channels IP camera inputs, each channel up to 8MP
- Support 4-ch HDTVI Two-Way Audio via BNC
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)

## ▪ Specification

|                                    |                                                                                                                                                                                                                                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Intelligent Analytics</b>       |                                                                                                                                                                                                                                                                                       |
| Intelligent Analytics by Recorder  | MD2.0/Perimeter Protection/Facial detection&Recognition/AcuSearch/SmartSearch                                                                                                                                                                                                         |
| Multi-Capability Intelligence Mode | MD2.0/Perimeter Protection/Facial detection&Recognition/AcuSearch/SmartSearch can be enabled at the same time                                                                                                                                                                         |
| <b>AcuSearch</b>                   |                                                                                                                                                                                                                                                                                       |
| AcuSearch by Recorder              | Up to 4-ch analog cameras                                                                                                                                                                                                                                                             |
| <b>SmartSearch</b>                 |                                                                                                                                                                                                                                                                                       |
| SmartSearch by Recorder            | Up to 4-ch analog cameras                                                                                                                                                                                                                                                             |
| <b>Perimeter Protection</b>        |                                                                                                                                                                                                                                                                                       |
| Human/Vehicle Analysis by Recorder | Up to 4-ch analog cameras                                                                                                                                                                                                                                                             |
| <b>Facial Detection</b>            |                                                                                                                                                                                                                                                                                       |
| Facial Detection by Recorder       | Up to 2-ch analog cameras                                                                                                                                                                                                                                                             |
| <b>Facial Recognition</b>          |                                                                                                                                                                                                                                                                                       |
| Facial Recognition by Recorder     | Up to 2-ch analog cameras                                                                                                                                                                                                                                                             |
| Face Picture Library               | Up to 16 face picture libraries with 5000 pictures in total (each picture ≤ 2M, total capacity ≤ 30M)                                                                                                                                                                                 |
| <b>Motion Detection 2.0</b>        |                                                                                                                                                                                                                                                                                       |
| Human/Vehicle Analysis             | Up to 4-ch analog cameras                                                                                                                                                                                                                                                             |
| <b>Video and Audio</b>             |                                                                                                                                                                                                                                                                                       |
| Analog Camera Input                | 4-ch BNC ports(1.0 Vp-p, 75 Ω), supporting HDTVI/CVI/AHD/CVBS auto-detect                                                                                                                                                                                                             |
| IP Camera Input                    | Up to 8-ch of IP camera input , each up to 8MP<br>4-ch by default + 4-ch (analog channels are converted to IP channels)                                                                                                                                                               |
| Video Output                       | 1-ch HDMI, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz;<br>1-ch VGA, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz<br>(HDMI/VGA simultaneous output);<br>1-ch CVBS (BNC, 1.0 Vp-p, 75 Ω), PAL: 704 × 576, NTSC: 704 × 480 |
| CVBS Input                         | PAL/NTSC                                                                                                                                                                                                                                                                              |
| Synchronous Playback               | Up to 4-ch                                                                                                                                                                                                                                                                            |
| HDTVI Input                        | 8 MP(3840 × 2160)@12/15 fps,<br>3K(2960 × 1665)@25/20 fps,<br>3K(3328 × 1504)@20 fps,<br>2K(2304 × 1296)@20 fps,<br>5 MP(2560 × 1944)@20 fps,<br>4 MP(2560 × 1440)@25/30 fps,<br>1080P@25/30 fps,<br>720P@25/30 fps                                                                   |
| AHD Input                          | 5 MP(2560 × 1944)@20 fps,<br>4 MP(2560 × 1440)@25/30 fps,<br>1080P@25/30 fps,<br>720P@25/30 fps                                                                                                                                                                                       |

|                    |                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HDCVI Input        | 8 MP(3840 × 2160)@12/15 fps,<br>3K(2880 × 1620)@20/25 fps,<br>5 MP(2592 × 1944)@20 fps,<br>4 MP(2560 × 1440)@25/30 fps,<br>1080P@25/30 fps,<br>720P@25/30 fps                                                                                                                                                           |
| Audio Output       | 1-ch RCA                                                                                                                                                                                                                                                                                                                |
| Audio Input        | 1-ch RCA (2.0 Vp-p, 1 KΩ);<br>4-ch coaxial audio via BNC                                                                                                                                                                                                                                                                |
| Two-Way Audio      | 4-ch two-way audio via BNC ,<br>Support two-way audio from DVR local, web and Hik-Connect to analog camera;<br>Use the first RCA audio input if the two-way audio from DVR local to analog camera                                                                                                                       |
| <b>Recording</b>   |                                                                                                                                                                                                                                                                                                                         |
| Video Compression  | AI Encoding/H.265/H.264                                                                                                                                                                                                                                                                                                 |
| Encoding Capacity  | Main stream:<br>8 MP@8 fps/3K@12 fps/5 MP@12 fps/2K@20 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.<br>Sub-stream:<br>WD1/4CIF/CIF@25 fps (P)/30 fps (N) |
| Video Bitrate      | 32 Kbps to 10 Mbps                                                                                                                                                                                                                                                                                                      |
| Dual-Stream        | Support main stream or sub stream                                                                                                                                                                                                                                                                                       |
| Stream Type        | Video, Video & Audio                                                                                                                                                                                                                                                                                                    |
| Audio Compression  | G.711u                                                                                                                                                                                                                                                                                                                  |
| Audio Bitrate      | 64 Kbps                                                                                                                                                                                                                                                                                                                 |
| <b>Network</b>     |                                                                                                                                                                                                                                                                                                                         |
| API                | ONVIF (profile S/G), SDK, ISAPI, ISUP                                                                                                                                                                                                                                                                                   |
| Compatible Browser | IE, Chrome, Firefox, Safari, Edge                                                                                                                                                                                                                                                                                       |
| Network Protocol   | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, ISUP                                                                                                                                                                                                                           |
| <b>Ports</b>       |                                                                                                                                                                                                                                                                                                                         |
| SATA               | 2 SATA interface, up to 10 TB capacity for each disk                                                                                                                                                                                                                                                                    |
| Serial Interface   | 1 RS-485 (half-duplex)                                                                                                                                                                                                                                                                                                  |
| USB Interface      | Front panel: 1 × USB 2.0;<br>Rear panel: 1 × USB 2.0                                                                                                                                                                                                                                                                    |
| Alarm In/Out       | N/A (optional to support)                                                                                                                                                                                                                                                                                               |
| VGA                | 1-ch                                                                                                                                                                                                                                                                                                                    |
| Audio In           | 1-ch (up to 4-ch is optional) RCA (2.0 Vp-p, 1 KΩ);<br>4-ch via coaxial cable                                                                                                                                                                                                                                           |
| Audio Out          | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                                                                                                                                                                                                |
| Network Port       | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface                                                                                                                                                                                                                                                                    |
| HDMI               | 1-ch                                                                                                                                                                                                                                                                                                                    |
| <b>General</b>     |                                                                                                                                                                                                                                                                                                                         |
| Installation       | Desktop                                                                                                                                                                                                                                                                                                                 |

|                        |                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Net Weight             | ≤ 1.8 kg                                                                                                                                                |
| Gross Weight           | ≤ 3 kg                                                                                                                                                  |
| Product Dimensions     | 384 × 313 × 52 mm (15.1 × 12.3 × 2.0 inch)                                                                                                              |
| Packaging Dimensions   | 435 × 387 × 129 mm (17.1 × 15.2 × 5.0 inch)                                                                                                             |
| Packaging Method       | A pack of four                                                                                                                                          |
| Packing List           | DVR *1<br>Quick Start Guide *1<br>Adapter and Power cable*1<br>Mouse *1<br>SATA Power cable *1<br>SATA Data cable *2<br>Power cord *1<br>Several Screws |
| Power Supply           | 12 VDC, 3.33 A                                                                                                                                          |
| Consumption            | ≤ 40 W                                                                                                                                                  |
| Working Temperature    | -10 °C to 55 °C (14 °F to 131 °F)                                                                                                                       |
| Working Humidity       | 10% to 90%                                                                                                                                              |
| <b>Certification</b>   |                                                                                                                                                         |
| CE                     | CE-LVD,<br>CE-EMC                                                                                                                                       |
| Obtained Certification | CB,<br>IC,<br>RCM,<br>LOA                                                                                                                               |

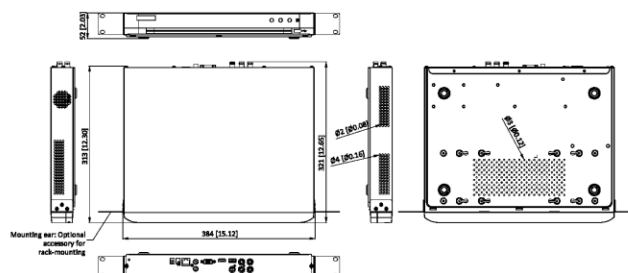
## ▪ Physical Interface



无法显示链接的图像。该文件可能已被移动、重命名或删除。请验证该链接是否指向正确的文件和位置。

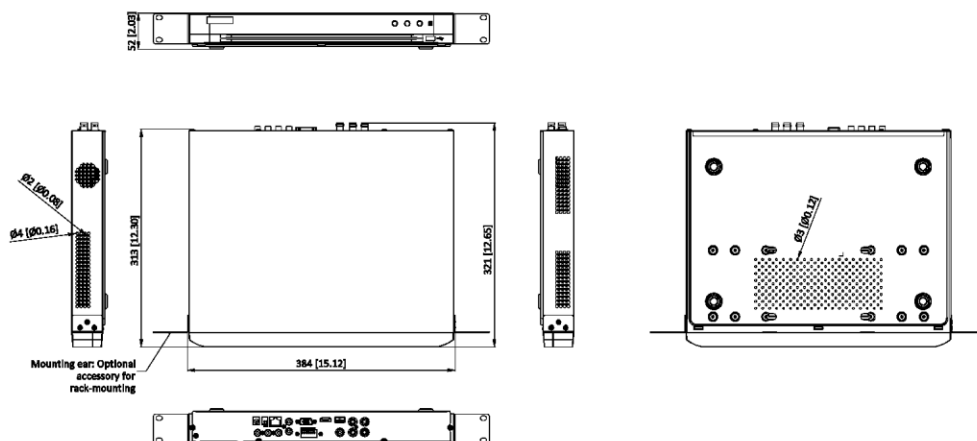
 无法显示链接的图像。该文件可能已被移动、重命名或删除。请验证该链接是否指向正确的文件和位置。

## ▪ Dimension



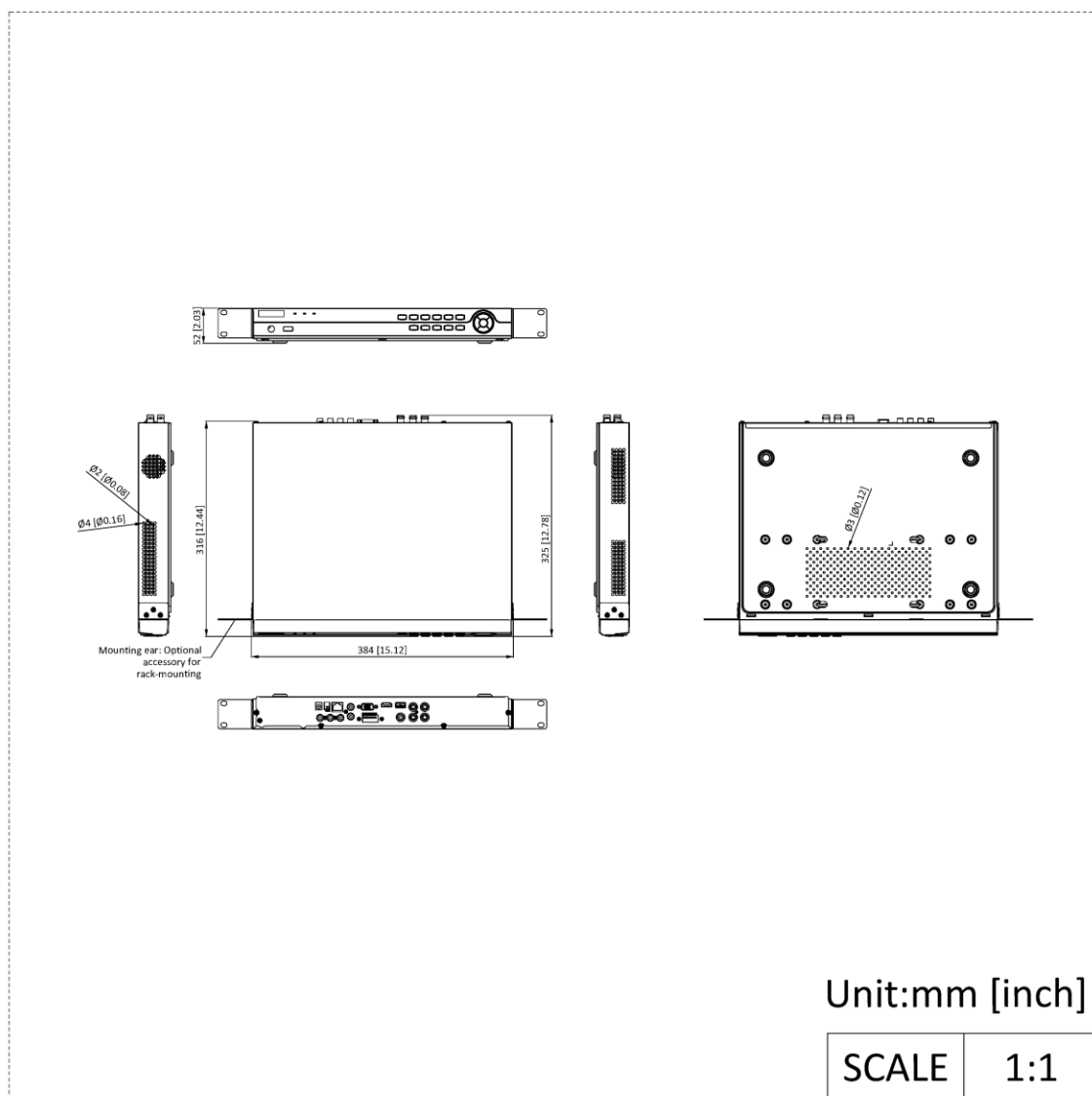
Unit:mm [inch]

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



Unit:mm [inch]

|       |     |
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| SCALE | 1:1 |
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