

## iDS-7200HUHI-M1/S SERIES TURBO ACUSENSE DVR

### Key Feature

- Deep learning-based behavior analysis or facial detection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal transmission
- Up to 10 TB capacity per HDD



### 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

- Smart search for efficient playback
- Support the third party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

### Smart Function

- Deep learning-based behavior analysis (line crossing and intrusion detection) or facial detection
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable



## Specification

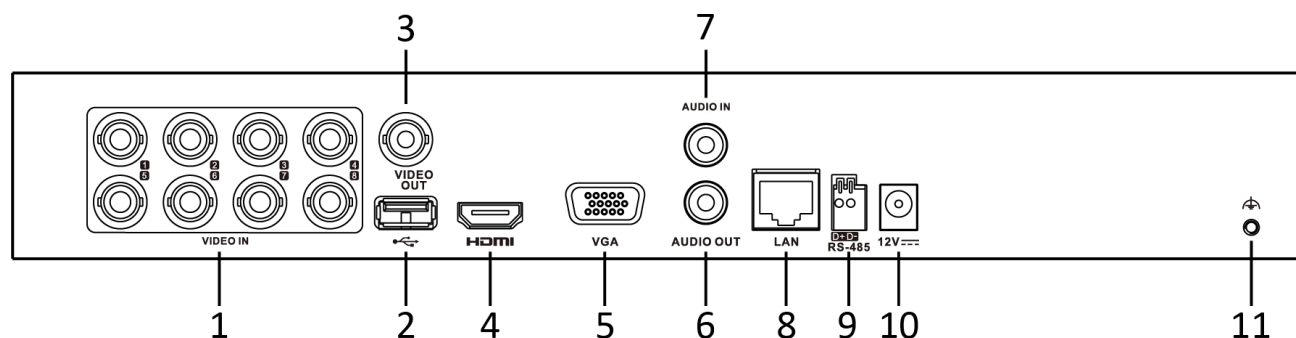
| Model                               | iDS-7204HUHI-M1/S                                                                                                                                                            | iDS-7208HUHI-M1/S                                                                                                   |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Facial Detection <sup>1</sup>       |                                                                                                                                                                              |                                                                                                                     |
| Facial detection and capture        | 1-ch human face capture (HD analog camera)                                                                                                                                   |                                                                                                                     |
| Human/Vehicle Analysis <sup>1</sup> |                                                                                                                                                                              |                                                                                                                     |
| False alarm reduction               | Up to 4-ch                                                                                                                                                                   |                                                                                                                     |
| Recording                           |                                                                                                                                                                              |                                                                                                                     |
| Video compression                   | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264                                                                                                                                      |                                                                                                                     |
| Encoding resolution                 | Main stream:<br>8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps<br>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br><b>*: 8 MP@8 fps is only available for channel 1.</b> | Main stream:<br>8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps<br>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) |
|                                     | Sub-stream:<br>WD1/4CIF/CIF@25 fps (P)/30 fps (N)                                                                                                                            |                                                                                                                     |
| Video bitrate                       | 32 Kbps to 10 Mbps                                                                                                                                                           |                                                                                                                     |
| Dual stream                         | Support                                                                                                                                                                      |                                                                                                                     |
| Stream type                         | Video, Video & Audio                                                                                                                                                         |                                                                                                                     |
| Audio compression                   | G.711u                                                                                                                                                                       |                                                                                                                     |
| Audio bitrate                       | 64 Kbps                                                                                                                                                                      |                                                                                                                     |
| Video and Audio                     |                                                                                                                                                                              |                                                                                                                     |
| IP video input                      | 2-ch (up to 6-ch)                                                                                                                                                            | 4-ch (up to 12-ch)                                                                                                  |
|                                     | IP enhanced mode on:<br>4-ch (up to 8-ch), each up to 4 Mbps                                                                                                                 | IP enhanced mode on:<br>8-ch (up to 16-ch), each up to 4 Mbps                                                       |
|                                     | Up to 8 MP resolution                                                                                                                                                        |                                                                                                                     |
|                                     | Support H.265+/H.265/H.264+/H.264 IP cameras                                                                                                                                 |                                                                                                                     |
| Analog video input                  | 4-ch                                                                                                                                                                         | 8-ch                                                                                                                |
|                                     | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection                                                                                                              |                                                                                                                     |
| HDTVI input                         | 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps<br><b>*: The 8 MP signal input is only available for channel 1.</b>        | 8 MP, 5 MP, 4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps              |
| AHD input                           | 5 MP, 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps                                                                                                             |                                                                                                                     |
| HDCVI input                         | 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps                                                                                                                   |                                                                                                                     |
| CVBS input                          | PAL/NTSC                                                                                                                                                                     |                                                                                                                     |
| CVBS output                         | 1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480                                                                                                      |                                                                                                                     |
| VGA output                          | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,                                                                                                                   | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,                                                          |

|                           |                                                                                                                                               |                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           | 1024 × 768/60Hz<br>HDMI/VGA simultaneous output                                                                                               | 1024 × 768/60Hz<br>HDMI/VGA simultaneous output                                                                                                                         |
| HDMI output               | 1-ch, 2K (2560 × 1440)/60Hz,<br>1920 × 1080/60Hz,<br>1280 × 1024/60Hz,<br>1280 × 720/60Hz,<br>1024 × 768/60Hz<br>HDMI/VGA simultaneous output | 1-ch, 4K (3840 × 2160)/30Hz,<br>2K (2560 × 1440)/60Hz,<br>1920 × 1080/60Hz,<br>1280 × 1024/60Hz,<br>1280 × 720/60Hz,<br>1024 × 768/60Hz<br>HDMI/VGA simultaneous output |
| Audio input               | 1-ch, RCA (2.0 Vp-p, 1 KΩ)                                                                                                                    |                                                                                                                                                                         |
|                           | 4-ch via coaxial cable                                                                                                                        | 8-ch via coaxial cable                                                                                                                                                  |
| Audio output              | 1-ch, RCA (Linear, 1 KΩ)                                                                                                                      |                                                                                                                                                                         |
| Two-way audio             | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)                                                                                            |                                                                                                                                                                         |
| Synchronous playback      | 4-ch                                                                                                                                          | 8-ch                                                                                                                                                                    |
| Network                   |                                                                                                                                               |                                                                                                                                                                         |
| Remote connections        | 32                                                                                                                                            | 64                                                                                                                                                                      |
| Network protocols         | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF                                                       |                                                                                                                                                                         |
| Network interface         | 1, RJ45 10M/100M self-adaptive Ethernet interface                                                                                             | 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface                                                                                                                 |
| Auxiliary interface       |                                                                                                                                               |                                                                                                                                                                         |
| SATA                      | 1 SATA interface                                                                                                                              |                                                                                                                                                                         |
| Capacity                  | Up to 10 TB capacity for each disk                                                                                                            |                                                                                                                                                                         |
| Serial interface          | RS-485 (half-duplex)                                                                                                                          |                                                                                                                                                                         |
| USB interface             | Front panel: 1 × USB 2.0<br>Rear panel: 1 × USB 2.0                                                                                           | Front panel: 1 × USB 2.0<br>Rear panel: 1 × USB 3.0                                                                                                                     |
| Alarm in/out              | N/A                                                                                                                                           |                                                                                                                                                                         |
| General                   |                                                                                                                                               |                                                                                                                                                                         |
| Power supply              | 12 VDC, 1.5 A                                                                                                                                 | 12 VDC, 2 A                                                                                                                                                             |
| Consumption (without HDD) | ≤ 10 W                                                                                                                                        | ≤ 15 W                                                                                                                                                                  |
| Working temperature       | -10 °C to +55 °C (+14 °F to +131 °F)                                                                                                          |                                                                                                                                                                         |
| Working humidity          | 10% to 90%                                                                                                                                    |                                                                                                                                                                         |
| Dimension (W × D × H)     | 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)                                                                                                     |                                                                                                                                                                         |
| Weight (without HDD)      | ≤ 1.16 kg (2.6 lb)                                                                                                                            | ≤ 2 kg (4.4 lb)                                                                                                                                                         |

**Note:**

1: Facial detection and human/vehicle analysis cannot be enabled at the same time. Enable one function will make the other one unavailable.

## Physical Interface



\*: The rear panel of iDS-7204HUHI-M1/S provides 4 video input interfaces.

| No. | Description              | No. | Description             |
|-----|--------------------------|-----|-------------------------|
| 1   | VIDEO IN                 | 7   | AUDIO IN, RCA connector |
| 2   | USB interface            | 8   | LAN network interface   |
| 3   | VIDEO OUT                | 9   | RS-485 serial interface |
| 4   | HDMI interface           | 10  | 12 VDC power input      |
| 5   | VGA interface            | 11  | GND                     |
| 6   | AUDIO OUT, RCA connector |     |                         |

## Available Model

iDS-7204HUHI-M1/S, iDS-7208HUHI-M1/S

Distributed by



### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahirvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 [216]521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730867  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-[0]31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com