

## IDS-7200HQHI-M1/S SERIES TURBO ACUSENSE DVR

### Key Feature

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTV/AVHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 6/12/24-ch IP camera inputs (up to 6 MP)
- Up to 10 TB capacity per HDD



### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p 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 motion detection, perimeter protection (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

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable



## Specification

| Model  | iDS-7204HQHI-M1/S   | iDS-7208HQHI-M1/S   | iDS-7216HQHI-M1/S   |
|--|---|---|---|
| <b>Motion Detection 2.0<sup>1</sup></b>      |   |   |   |
| <b>Human/Vehicle Analysis</b>                | 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;<br>Quick search by object or event type is supported;  |   |   |
| <b>Perimeter Protection<sup>1</sup></b>      |   |   |   |
| <b>Human/Vehicle Analysis</b>                | Up to 2-ch  | Up to 4-ch  |   |
| <b>Facial Detection<sup>1</sup></b>          |   |   |   |
| <b>Facial detection and capture</b>          | 1-ch human face capture (HD analog camera)  |   |   |
| <b>Recording</b>                             |   |   |   |
| <b>Video compression</b>                     | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264   |   |   |
| <b>Encoding resolution</b>                   | Main stream:<br>When 1080p lite mode not enabled:<br>For 4 MP stream access:<br>4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)<br>For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps<br>For 1080p stream access:<br>1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)<br>For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)<br>When 1080p Lite mode enabled:<br>4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)<br>Sub-stream:<br>WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N) |   |   |
| <b>Video bitrate</b>                         | 32 Kbps to 6 Mbps   |   |   |
| <b>Dual stream</b>                           | Support   |   |   |
| <b>Stream type</b>                           | Video, Video & Audio  |   |   |
| <b>Audio compression</b>                     | G.711u  |   |   |
| <b>Audio bitrate</b>                         | 64 Kbps   |   |   |
| <b>Video and Audio</b>                       |   |   |   |
| <b>IP video input<sup>2</sup></b>            | 1-ch (up to 5-ch)   | 2-ch (up to 10-ch)  | 2-ch (up to 18-ch)  |
|  | Enhanced IP mode on:<br>2-ch (up to 6-ch), each up to 4 Mbps  | Enhanced IP mode on:<br>4-ch (up to 12-ch), each up to 4 Mbps | Enhanced IP mode on:<br>8-ch (up to 24-ch), each up to 4 Mbps |
|  | Up to 6 MP resolution   |   |   |
| Support H.265+/H.265/H.264+/H.264 IP cameras |   |   |   |
| <b>Analog video input</b>                    | 4-ch  | 8-ch  | 16-ch   |
|  | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection   |   |   |
| <b>HDTVl input</b>                           | 4 MP, 3 MP, 1080p30, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps<br>*: The 3 MP signal input is only available for channel 1 of iDS-7204HQHI-M1/S, for channel 1/2 of iDS-7208HQHI-M1/S, and for channel 1/2/3/4 of iDS-7216HQHI-M1/S.   |   |   |

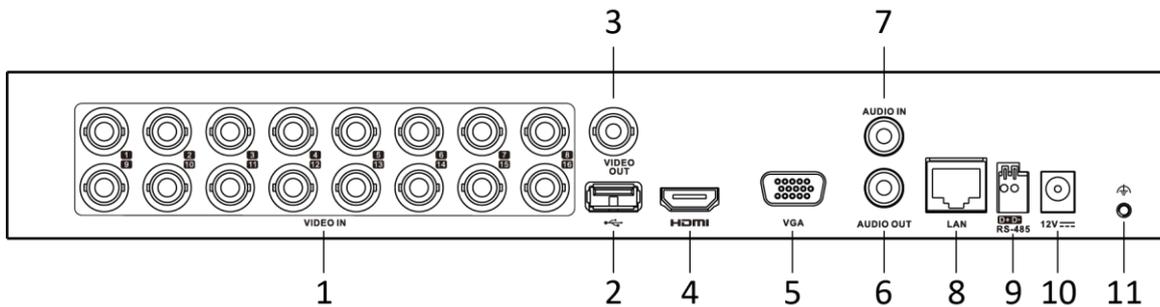
|                                  |   |                        |   |
|----------------------------------|---|------------------------|---|
| <b>AHD input</b>                 | 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps  |                        |   |
| <b>HDCVI input</b>               | 4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps  |                        |   |
| <b>CVBS input</b>                | PAL/NTSC  |                        |   |
| <b>CVBS output</b>               | 1-ch, BNC (1.0 Vp-p, 75 Ω),<br>resolution: PAL: 704 × 576, NTSC: 704 × 480                                  |                        |   |
| <b>HDMI/VGA output</b>           | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,<br>1024 × 768/60Hz, HDMI/VGA simultaneous output |                        |   |
| <b>Audio input</b>               | 1-ch, RCA (2.0 Vp-p, 1 KΩ)  |                        |   |
|                                  | 4-ch via coaxial cable  | 8-ch via coaxial cable | 16-ch via coaxial cable                                   |
| <b>Audio output</b>              | 1-ch, RCA (Linear, 1 KΩ)  |                        |   |
| <b>Two-way audio</b>             | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)  |                        |   |
| <b>Synchronous playback</b>      | 4-ch  | 8-ch                   | 16-ch   |
|                                  |   |                        |   |
| <b>Network</b>                   |   |                        |   |
| <b>Remote connection</b>         | 32  | 64                     | 128   |
| <b>Network protocol</b>          | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF                     |                        |   |
| <b>Network interface</b>         | 1, RJ45 10/100 Mbps self-adaptive Ethernet interface  |                        | 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface |
|                                  |   |                        |   |
| <b>Wi-Fi</b>                     | Connectable to Wi-Fi network by Wi-Fi dongle through USB interface  |                        |   |
| <b>Auxiliary interface</b>       |   |                        |   |
| <b>SATA</b>                      | 1 SATA interface, up to 10 TB capacity for each disk  |                        |   |
| <b>Serial interface</b>          | RS-485 (half-duplex)  |                        |   |
| <b>USB interface</b>             | Front panel: 1 × USB 2.0;   |                        | Front panel: 1 × USB 2.0;                                 |
|                                  | Rear panel: 1 × USB 2.0   |                        | Rear panel: 1 × USB 3.0                                   |
| <b>Alarm in/out</b>              | N/A   |                        |   |
| <b>General</b>                   |   |                        |   |
| <b>Power supply</b>              | 12 VDC, 1.5 A   |                        | 12 VDC, 2 A   |
| <b>Consumption (without HDD)</b> | ≤ 18 W  |                        | ≤ 24 W  |
| <b>Working temperature</b>       | -10 °C to 55 °C (14 °F to 131 °F)   |                        |   |
| <b>Working humidity</b>          | 10% to 90%  |                        |   |
| <b>Dimension (W × D × H)</b>     | 315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)   |                        |   |
| <b>Weight (without HDD)</b>      | ≤ 1.16 kg (2.6 lb)  | ≤ 1.78 kg (3.9 lb)     | ≤ 2 kg (4.4 lb)   |
|                                  |   |                        |   |

**Note:**

1: Motion detection 2.0, perimeter protection and facial detection cannot be enabled at the same time. Enable one function will make the other two unavailable.

2: Enhanced IP mode might be conflicted with smart events (face picture comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.

## Physical Interface



\*: The rear panel of iDS-7204HQHI-M1/S provides 4 video input interfaces. The rear panel of iDS-7208HQHI-M1/S provides 8 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-7204HQHI-M1/S, iDS-7208HQHI-M1/S, iDS-7216HQHI-M1/S

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## DS-2CE76D0T-EXIMF

### 2MP Outdoor EXIR Fixed Turret Camera



#### Key Feature

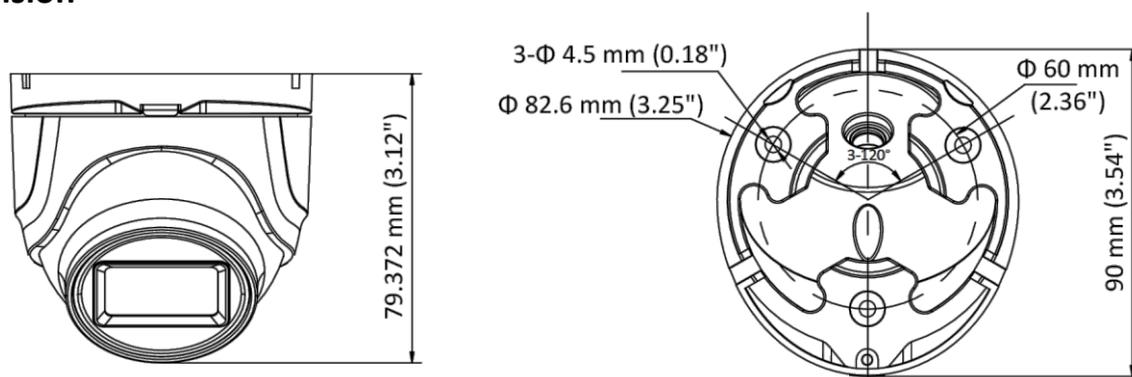
- High quality imaging with 2 MP, 1920 × 1080 resolution
- 2.8 mm, 3.6 mm fixed lens
- Up to 20 m IR distance for bright night imaging
- One port for four switchable signals (TVI/AHD/CVI/CVBS)
- Water and dust resistant (IP66)



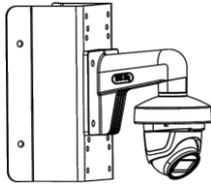
## ▪ Specification

| Camera                   |   |
|--------------------------|---|
| Image Sensor             | 2 MP CMOS   |
| Signal System            | PAL/NTSC  |
| Resolution               | 1920 (H) × 1080 (V)   |
| Frame Rate               | TVI: 1080p@25fps/30fps<br>AHD: 1080p@25fps/30fps<br>CVI: 1080p@25fps/30fps<br>CVBS: PAL/NTSC  |
| Min. Illumination        | 0.02 Lux @ (F1.2, AGC ON), 0 Lux with IR  |
| Shutter Time             | PAL: 1/25 s to 1/50,000 s; NTSC: 1/30 s to 1/50,000 s   |
| Lens                     | 2.8 mm, 3.6 mm Fixed Lens   |
| Field of View            | 2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 123°<br>3.6 mm, horizontal FOV: 81°, vertical FOV: 42°, diagonal FOV: 100° |
| Lens Mount               | M12   |
| Day & Night              | ICR   |
| WDR (Wide Dynamic Range) | Digital WDR   |
| Angle Adjustment         | Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°  |
| Menu                     |   |
| Image Mode               | STD/HIGH-SAT  |
| AGC                      | Yes   |
| Day/Night Mode           | Auto/Color/BW (Black and White)   |
| White Balance            | Auto  |
| AE (Auto Exposure) Mode  | DWDR,BLC,Global   |
| Noise Reduction          | 2D DNR  |
| Language                 | English   |
| Function                 | Brightness,Mirror,Smart IR,Sharpness  |
| Interface                |   |
| Video Output             | Switchable TVI/AHD/CVI/CVBS   |
| General                  |   |
| Operating Conditions     | -40°C to 60°C (-40°F to 140°F), Humidity: 90% or less (non-condensing)  |
| Power Supply             | 12 VDC ± 25%  |
| Consumption              | Max. 3.3 W  |
| Protection Level         | IP66  |
| Material                 | Metal   |
| IR Range                 | Up to 20 m  |
| Communication            | HIKVISION-C   |
| Dimension                | 90 mm × 82.6 mm × 79.372 mm (3.54" × 3.25" × 3.12")   |
| Weight                   | Approx. 360g (0.79 lb.)   |

## ▪ Dimension



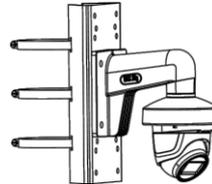
## ▪ Accessory



DS-1276ZJ-SUS



DS-1280ZJ-XS



DS-1275ZJ-SUS



DS-1272ZJ-110-TRS

## ▪ Available Model

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