

IDS-7200HUHI-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
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 MP)
- 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/Microsoft OneDrive)

Smart Function

- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion 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

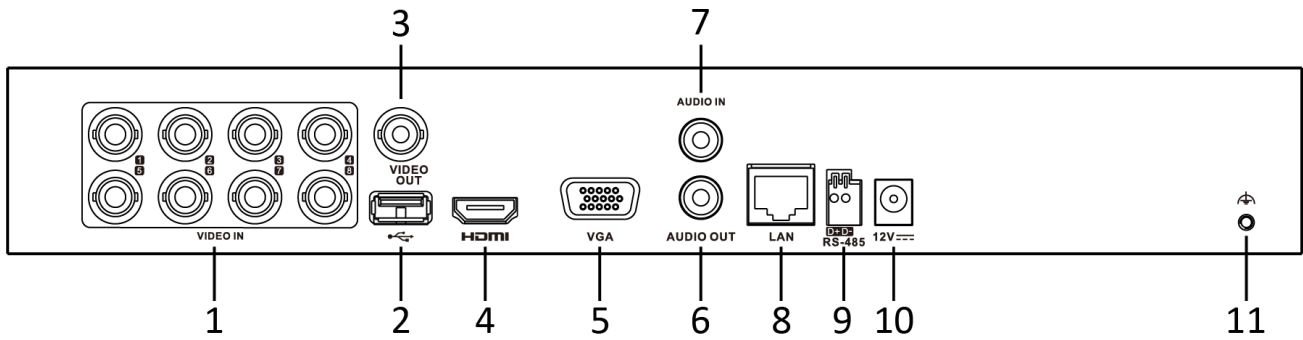
| Model | iDS-7204HUHI-M1/S | iDS-7208HUHI-M1/S |
|---|--|---|
| Motion Detection 2.0¹ | | |
| Human/Vehicle Analysis | Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported; | |
| Perimeter Protection¹ | | |
| Human/Vehicle Analysis | Up to 4-ch | |
| Recording | | |
| Video compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 | |
| Encoding resolution | Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/8 MP Lite@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1, 8 MP Lite is only available for channel 2 to channel 4. | Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) |
| | Sub-stream: 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 input² | 2-ch (up to 6-ch) | 4-ch (up to 12-ch) |
| | Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps | Enhanced IP mode on: 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 | 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, | 1-ch, 1920 × 1080/60Hz, |

| | | |
|----------------------------------|---|---|
| | 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output | 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output |
| HDMI output | 1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 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 10/100 Mbps self-adaptive Ethernet interface | 1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface |
| Wi-Fi | Connectable to Wi-Fi network by Wi-Fi dongle through USB 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 Rear panel: 1 × USB 2.0 | Front panel: 1 × USB 2.0 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: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one 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-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

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