

IDS-7200HQHI-M2/S SERIES TURBO ACUSENSE DVR

Key Feature

- Deep learning-based analysis or facial detection
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTV/AVHD/CVI/CVBS/IP video inputs
- Up to 12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1,200 m for 720p HDTV signal transmission
- 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

- Two SATA interfaces
- 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



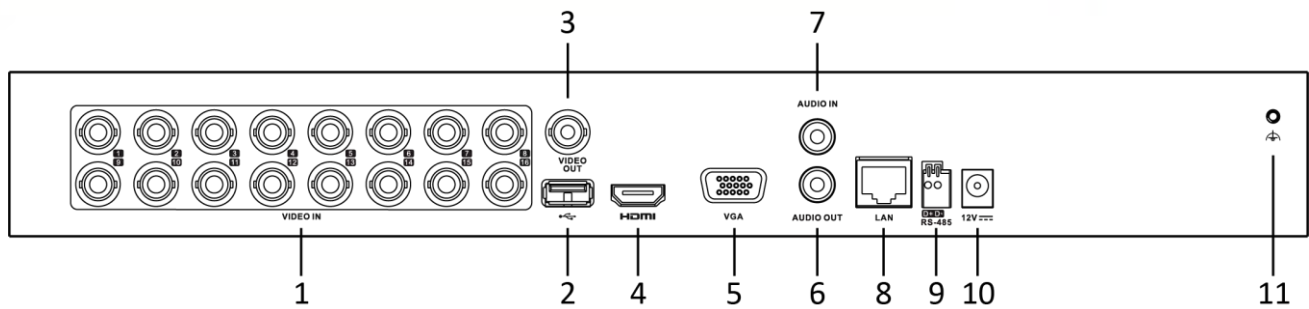
Specification

| Model | iDS-7208HQHI-M2/S | iDS-7216HQHI-M2/S |
|---|--|---|
| Facial Detection¹ | | |
| Facial detection and capture | 1-ch human face capture (HD analog camera) | |
| Human/Vehicle Analysis¹ | | |
| 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: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) | |
| | Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N) | |
| Video bitrate | 32 Kbps to 6 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 10-ch) | 2-ch (up to 18-ch) |
| | IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps | IP enhanced mode on: 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 | |
| Analog video input | 8-ch | 16-ch |
| | BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | |
| HDTVI input | 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps *: The 3 MP signal input is only available for channel 1/2 of iDS-7208HQHI-M2/S, and for channel 1/2/3/4 of iDS-7216HQHI-M2/S. | |
| AHD input | 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 | |
| HDMI/VGA output | 1-ch, 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) | |
| 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 | 8-ch | 16-ch |
| Network | | |
| Remote connection | 64 | 128 |
| Network protocol | 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 | 2 SATA interfaces, 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 | |
| Consumption (without HDD) | ≤ 30 W | ≤ 40 W |
| Working temperature | -10 °C to 55 °C (14 °F to 131 °F) | |
| Working humidity | 10% to 90% | |
| Dimension (W × D × H) | 380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch) | |
| Weight (without HDD) | ≤ 1.78 kg (3.9 lb) | ≤ 2 kg (4.4 lb) |

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-7208HQHI-M2/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-7208HQHI-M2/S, iDS-7216HQHI-M2/S

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