

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
- HDTVI/AHD/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

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

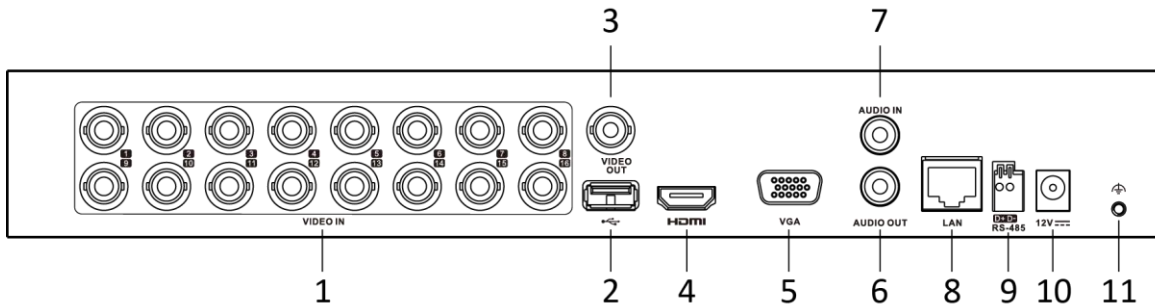
| Model | iDS-7204HQHI-M1/S | iDS-7208HQHI-M1/S | iDS-7216HQHI-M1/S |
|---|---|---|---|
| Motion Detection 2.0¹ | | | |
| Human/Vehicle Analysis | Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported | | |
| Perimeter Protection¹ | | | |
| Human/Vehicle Analysis | Up to 2-ch | 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 input² | 1-ch (up to 5-ch) Enhanced IP mode on: 2-ch (up to 6-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras | 2-ch (up to 10-ch) Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps | 2-ch (up to 18-ch) Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps |
| Analog video input | 4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection | 8-ch | 16-ch |
| HDTVl input | 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p30, 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 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. | | |
| AHD input | 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps | | |

| | | | |
|----------------------------------|---|---|---|
| HDCVI input | 4 MP@25 fps, 4 MP@30 fps, 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 output | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz | | |
| VGA output | 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz | | |
| Video output mode | HDMI/VGA simultaneous output | | |
| Audio input³ | 1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) | 1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) | 1-ch, RCA (2.0 Vp-p, 1 KΩ) |
| | 4-ch via coaxial cable | 8-ch via coaxial cable | 16-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 first audio input) | | |
| Synchronous playback | 4-ch | 8-ch | 16-ch |
| Network | | | |
| Remote connection | 32 | 64 | 128 |
| Network protocol | 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, 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/out³ | N/A (optional to support) | | |
| General | | | |
| Power supply | 12 VDC, 1.5 A | | 12 VDC, 2 A |
| Consumption (without HDD) | ≤ 18 W | | ≤ 24 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) | ≤ 1.78 kg (3.9 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 (motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.
- 3: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.

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

Distributed by



HIKVISION

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@pramahikvision.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 +7-727-9730667
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

04280002010918