

IDS-7204HTHI-M1/S TURBO HD DVR

Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTV/AVD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 8-ch IP camera inputs (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTV 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
- Full channel recording at up to 8 MP resolution

Storage and Playback

- Smart search for efficient playback

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

Network & Ethernet Access

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



▪ Specification

| Motion Detection 2.0 | |
|---|---|
| Human/Vehicle Analysis | <p>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;</p> <p>Quick search by object or event type is supported;</p> |
| Perimeter Protection | |
| Line Crossing Detection/Intrusion Detection | 4-ch |
| Facial Detection | |
| Facial Detection and Capture | Face picture detection, face picture search |
| Recording | |
| Video Compression | H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 |
| Encoding Resolution | 8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF |
| Frame Rate | <p>Main stream:</p> <p>8 MP@15 fps/8 MP@12 fps/3K@20 fps/5 MP@20 fps/5 MP@12 fps/3 MP@18 fps</p> <p>4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream:</p> <p>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p> |
| Video Bitrate | 32 Kbps to 16 Mbps |
| Dual-stream | Support |
| Stream Type | Video, Video & Audio |
| Audio Compression | G.711u |
| Audio Bitrate | 64 Kbps |
| Video and Audio | |
| IP Video Input | <p>4-ch (up to 8-ch)</p> <p>Up to 8 MP resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p> |
| Analog Video Input | <p>4-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p> |
| Total Bandwidth | 96 Mbps |
| HDMI Output | 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| CVBS Input | PAL/NTSC |
| CVBS Output | <p>1-ch, BNC (1.0 Vp-p, 75 Ω),</p> <p>resolution: PAL: 704 × 576, NTSC: 704 × 480</p> |

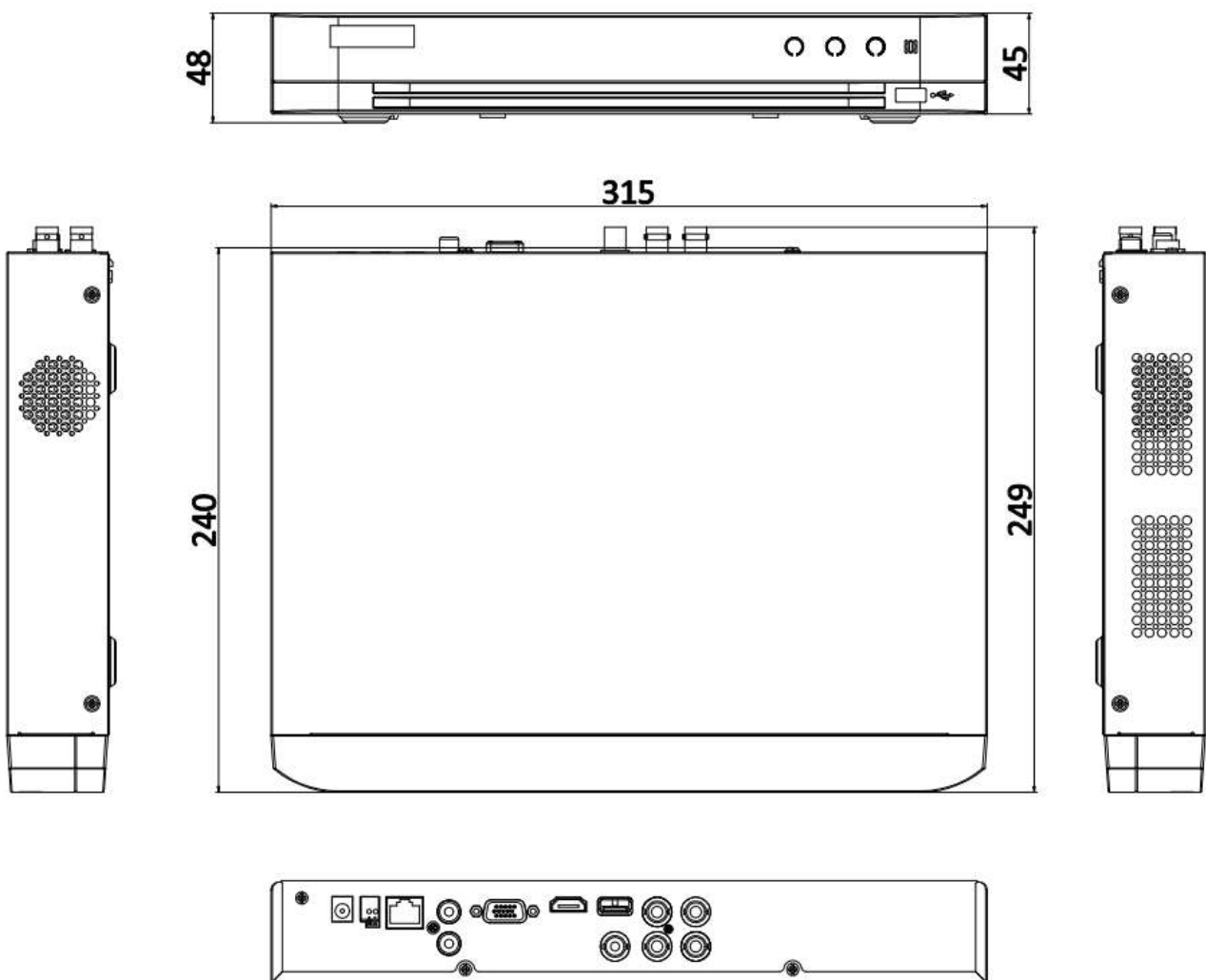
| | |
|----------------------------|---|
| Synchronous playback | 4-ch |
| VGA Output | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz |
| Video Output Mode | HDMI/VGA independent output |
| HDTV Input | 8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12.5 fps, 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| AHD Input | 5 MP(2560 × 1944)@20 fps, 5 MP(2560 × 1944)@12 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| HDCVI Input | 8 MP(3840 × 2160)@15 fps, 8 MP(3840 × 2160)@12.5 fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps |
| Audio Output | 1-ch, RCA (Linear, 1 KΩ) |
| Audio Input | 1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable |
| Two-Way Audio | 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) |
| Network | |
| Network Protocol | TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF |
| Remote Connection | 32 |
| Network Interface | 1, RJ45 10M/100M/1000M 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 |
| Alarm In/Out | N/A |
| General | |
| Power Supply | 12 VDC, 2 A |
| Consumption | ≤ 10 W (without HDD) |
| 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 | ≤ 1.8 kg (without HDD, 4.0 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.

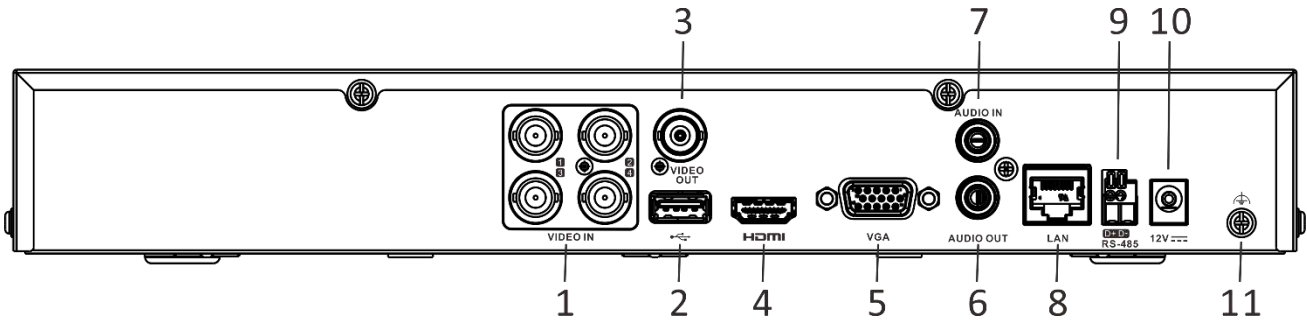
2: The number of audio inputs or alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.

Dimension



scale/1:1;Unit/mm

Physical Interface



| No. | Description | No. | Description |
|-----|----------------------------|-----|-------------------------|
| 1 | Video and Coaxial Audio 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

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