

### HWD-7104MH-G4 TURBO HD DVR

#### Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- 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-ch IP camera inputs (up to 8 MP)
- Up to 8 MP@8 fps encoding capability



#### Smart Function

- Deep learning based human and vehicle targets classification of Motion Detection 2.0

#### Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 8 MP@8 fps encoding

#### Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

#### Network & Ethernet Access

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

## ▪ Specification

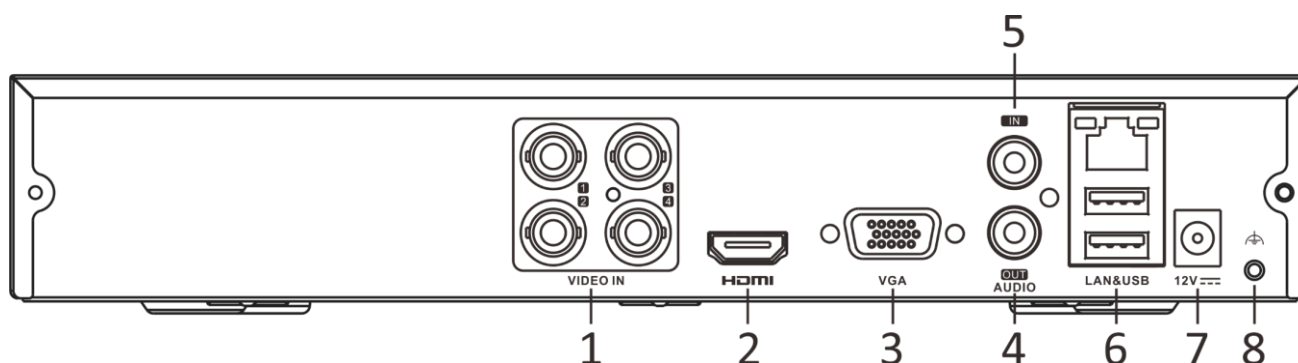
| Motion Detection 2.0   |                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |
| 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@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps</p> <p>1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>*: 8 MP@8 fps is only available for channel 1.</p> <p>Sub-stream:</p> <p>WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p>         |
| 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 Input         | <p>2-ch (up to 6-ch)</p> <p>Enhanced IP mode on:</p> <p>4-ch (up to 8-ch), each up to 4 Mbps</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>                                                                                                                                                                                      |
| HDTVI Input            | <p>8 MP@15 fps, 8 MP@12.5 fps, 3K@20 fps, 5 MP@20 fps, 5 MP@12 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps</p>                                                                           |
| AHD Input              | <p>5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps</p>                                                                                                                                                                      |
| HDCVI Input            | <p>4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps</p>                                                                                                                                                                                   |

|                            |                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------|
| CVBS Input                 | PAL/NTSC                                                                                |
| HDMI Output                | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz              |
| VGA Output                 | 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz              |
| Video Output Mode          | HDMI/VGA simultaneous output                                                            |
| Audio Input                | 1-ch, RCA (2.0 Vp-p, 1 KΩ)<br>4-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                                                                                    |
| <b>Network</b>             |                                                                                         |
| Total Bandwidth            | 96 Mbps                                                                                 |
| Remote Connection          | 32                                                                                      |
| 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                                       |
| Wi-Fi                      | Connectable to Wi-Fi network by Wi-Fi dongle through USB interface                      |
| <b>Auxiliary Interface</b> |                                                                                         |
| SATA                       | 1 SATA interface                                                                        |
| Capacity                   | Up to 10 TB capacity for each disk                                                      |
| Alarm In/Out               | N/A                                                                                     |
| USB Interface              | 2 × USB 2.0                                                                             |
| <b>General</b>             |                                                                                         |
| Power Supply               | 12 VDC, 1.5 A                                                                           |
| Consumption                | ≤ 15 W (without HDD)                                                                    |
| Working Temperature        | -10 °C to +55 °C (+14 °F to +131 °F)                                                    |
| Working Humidity           | 10% to 90%                                                                              |
| Dimension (W × D × H)      | 260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)                                               |
| Weight                     | ≤ 1.16 kg (without HDD, 2.6 lb.)                                                        |

**Note:**

Enhanced IP mode might be conflicted with smart events (motion detection 2.0) or other functions, please refer to the user manual for details.

## Physical Interface



| No. | Description                | No. | Description                             |
|-----|----------------------------|-----|-----------------------------------------|
| 1   | Video and coaxial audio in | 5   | AUDIO IN, RCA connector                 |
| 2   | HDMI interface             | 6   | LAN network interface and USB interface |
| 3   | VGA interface              | 7   | 12 VDC power input                      |
| 4   | AUDIO OUT, RCA connector   | 8   | GND                                     |

## Available Model

HWD-7104MH-G4

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
www.hikvision.com



Follow us on social media to get the latest product and solution information.



Hikvision



HikvisionHQ



HikvisionHQ



Hikvision\_Global



Hikvision  
Corporate Channel



hikvisionhq