

### HWD-7108MH-G4 TURBO ACUSENSE DVR

#### Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- 8 analog channels and 1 HDD 1U DVR
- Efficient H.265 Pro+ compression technology
- Up to 8 MP@8 fps and 5 MP@12 fps encoding capability
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Up to 16 network cameras can be connected



#### 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

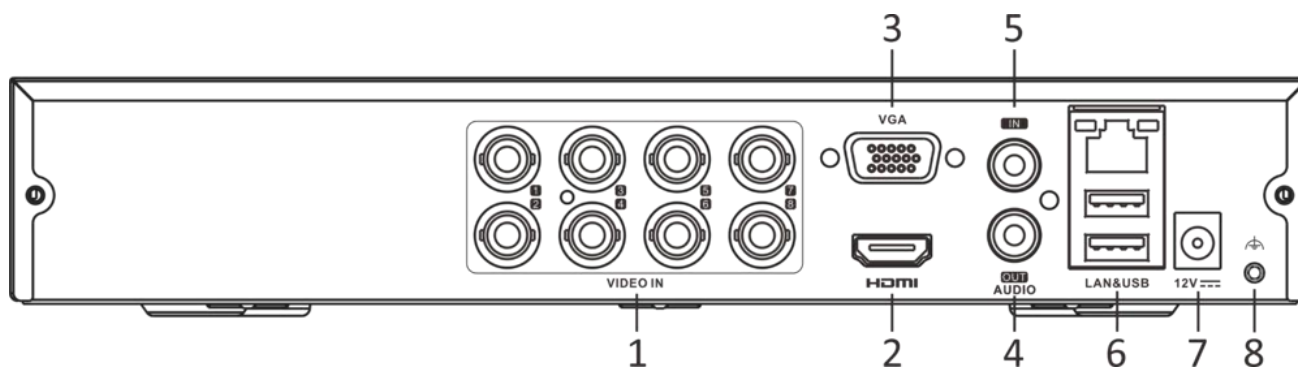
<b>Motion Detection 2.0</b>	
Human/Vehicle Analysis	<p>Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights;</p> <p>Quick search by object or event type is supported;</p>
<b>Recording</b>	
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: 8 MP@8 fps/3K@12 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)</p> <p>Sub-stream: 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
<b>Video and Audio</b>	
IP Video Input	<p>4-ch (up to 12-ch)</p> <p>Enhanced IP mode on: 8-ch (up to 16-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>8-ch;</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>
HDTV Input	8 MP@15 fps, 8 MP@12 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@30 fps, 720p@25 fps
AHD Input	5 MP@20 fps, 5 MP@12 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
HDCVI Input	8 MP@15 fps, 8 MP@12 fps, 5 MP@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
CVBS Input	PAL/NTSC
HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz

VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 audio input)
Synchronous Playback	8-ch
<b>Network</b>	
Total Bandwidth	128 Mbps
Remote Connection	64
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network 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
<b>Auxiliary Interface</b>	
SATA	1 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
USB Interface	Rear panel: 2 × USB 2.0
<b>General</b>	
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)	265 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch)
Weight	≤ 1.6 kg (without HDD, 3.5 lb.)

**Note:**

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.

## 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-7108MH-G4

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