

HWD-7108MH/T **8-ch 5 MP 1U H.265 DVR**

▪ **Key Feature**

- 8 channels and 1 HDD 1U DVR
- Encoding ability up to 4K/8MP @ 8fps; 3K/5MP @ 12fps
- Up to 8 MP@8 fps and 5 MP@12 fps encoding capability
- 5 signals input adaptively (HDTVI/AHD/CVI/TVBS/IP)
- Support all channels Motion Detection Technology
- Support all channels HDTVI Two-Way Audio Technology



Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 8 MP resolution

Storage and Playback

- Smart search for efficient playback

Smart Function

- Deep learning-based motion detection

Network & Ethernet Access

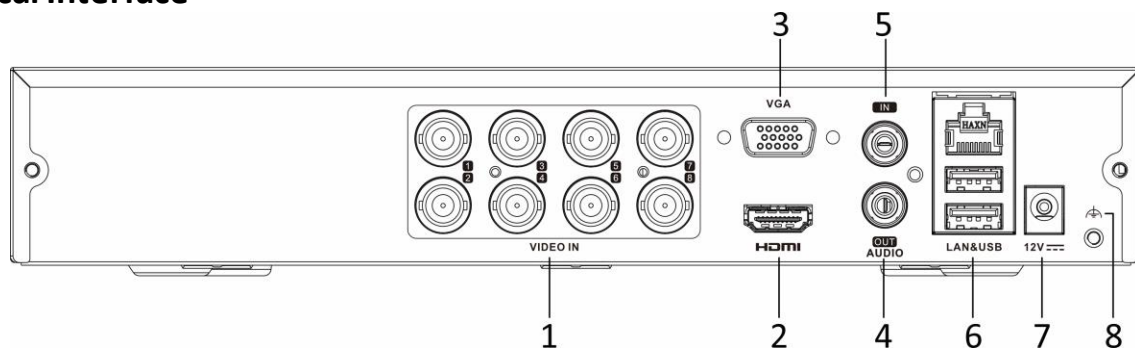
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

▪ Specification

Motion Detection 2.0	
Human/Vehicle Analysis	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.
Video and Audio	
IP Video Input	4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	8-ch; BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	8 MP(3840 × 2160)@12/15 fps, 3K(2960 × 1665)@25/20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
AHD Input	5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
HDCVI Input	8 MP(3840 × 2160)@12/15 fps, 3K(2880 × 1620)@25/20fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30fps
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
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	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) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 10 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
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
Auxiliary Interface	
SATA	1 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
USB Interface	Rear panel: 2 × USB 2.0
General	
Power Supply	12 VDC, 2 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)	263 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch)
Weight	≤ 1.6 kg (without HDD, 3.5 lb.)

▪ Physical Interface

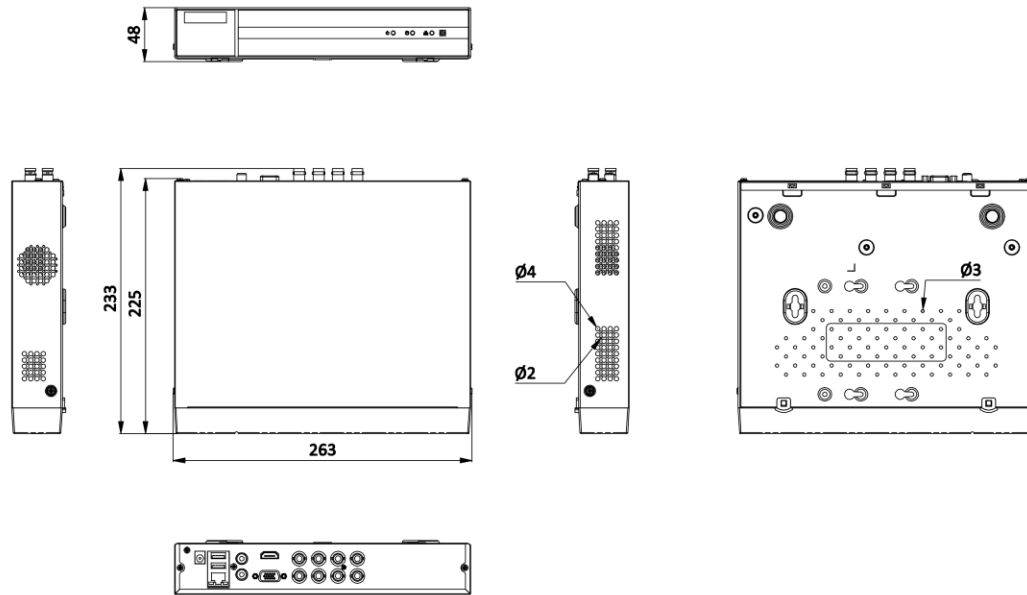


No.	Description	No.	Description
1	VIDEO IN	5	AUDIO IN
2	HDMI interface	6	LAN network interface and USB interfaces
3	VGA interface	7	12V DC power input
4	AUDIO OUT	8	GND

▪ Available Model

HW-HWD-7108MH/T

▪ Dimension



Unit:mm [inch]

SCALE	1:1
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See Far, Go Further



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