

HWD-7100MH-G2 SERIES TURBO HD DVR



Key Features

Video Input and Transmission

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 8/16-ch 8 MP IP cameras input for HWD-7104/7108MH-G2
- 8 MP/5 MP/4 MP HDTV video input and live view for HWD-7108MH-G2, and 5 MP/4 MP for HWD-7104MH-G2
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 8 MP resolution

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution for HWD-7108MH-G2

Storage and Playback

- 1 SATA interface (up to 10 TB capacity per HDD)
- 4/8-ch synchronous playback
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback
- VQD (Video Quality Diagnostics)

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for HWD-7104MH-G2, and 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface for HWD-7108MH-G2
- Output bandwidth limit configurable



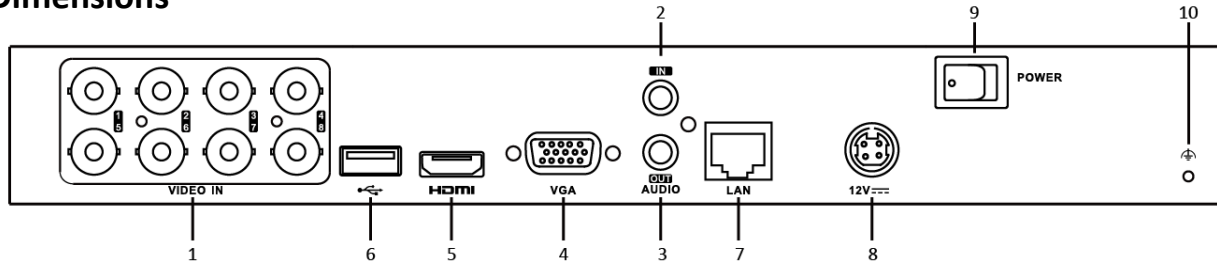
Specifications

Model	HWD-7104MH-G2		HWD-7108MH-G2		
Video/Audio input	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264			
	Analog video input	4-ch	8-ch		
	HDTV input	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
	AHD input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
	HDCVI input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30			
	CVBS input	PAL/NTSC			
	IP video input	4-ch (up to 8-ch)		8-ch (up to 16-ch)	
		Up to 8 MP resolution			
Supports H.265+/H.265/H.264+/H.264 IP cameras					
Audio compression	G.711u				
Video/Audio output	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Encoding resolution	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF		
	Frame rate	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)		
		Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)			
	Video bit rate	32 Kbps to 10 Mbps			
	Audio output	1-ch, RCA (Linear, 1 KΩ)			
	Audio bit rate	64 Kbps			
	Dual stream	Support			
	Stream type	Video, Video & Audio			
	Synchronous playback	4-ch	8-ch		
	Network management	Remote connections	32	64	
Network protocols		TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF			
Hard disk	SATA	1 SATA interface			
	Capacity	Up to 10 TB capacity for each disk			
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 st audio input)			
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
	USB interface	2 × USB 2.0			
General	Power supply	12 VDC			
	Consumption (without HDD)	≤ 10 W	≤ 20 W		
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)			
	Working humidity	10% to 90%			
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)			
Weight (without HDD)	≤1 kg (2.2 lb)				

Available Models

HWD-7104MH-G2, HWD-7108MH-G2

Dimensions



NOTE

The rear panel of DVR-204U/208U-K1 provides 4/8 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	6	USB Interface
2	AUDIO IN	7	Network Interface
3	AUDIO OUT	8	Power Supply
4	VGA	9	Power Switch
5	HDMI	10	GND

Distributed by



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