HIKVISION®
HiWatch Series

HWD-6100MH-G2 SERIES TURBO HD DVR



Key Features

Video Input and Transmission

- Connectable to Turbo HD/HDCVI/AHD/CVBS signal input
- Up to 6/12/24-ch 6 MP IP cameras input for HWD-6104/6108/6116MH-G2
- Long distance transmission over UTP and coaxial cable

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
- Up to 4 MP resolution for recording

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution

Storage and Playback

- One SATA interface (up to 10 TB capacity per HDD)
- 4/8/16-ch synchronous playback
- Smart search for efficient playback
- Supports third-party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- One RJ45 10M/100M Ethernet network interface for HWD-6104/6108MH-G2, and one 10M/100M/1000M Ethernet network interface for HWD-6116MH-G2
- Output bandwidth limit configurable

Specifications

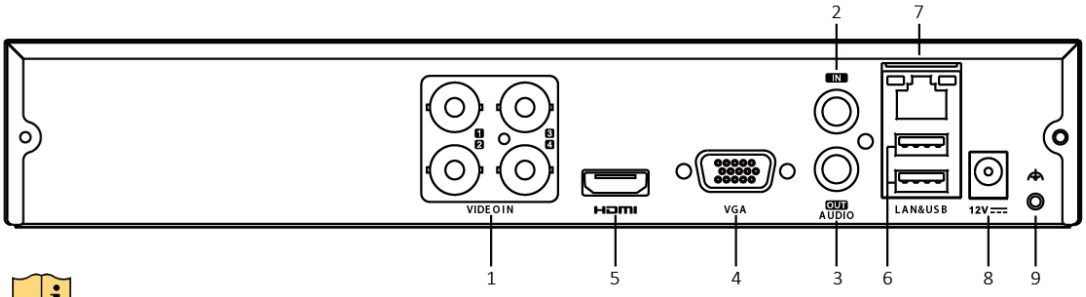
Model		HWD-6104MH-G2	HWD-6108MH-G2	HWD-6116MH-G2
Video/Audio input	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	Turbo HD input	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 **Note**: The 3 MP signal input is only available for the first channel of HWD-6100MH-G2, the first 2 channels of HWD-6108MH-G2, and the first 4 channels of HWD-6116MH-G2.		
	AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	CVBS input	Support		
	IP video input	2-ch (up to 6-ch)	4-ch (up to 12-ch)	8-ch (up to 24-ch)
		Up to 6 MP resolution		
	Audio compression	G.711u		
	Audio input/Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video/Audio output	HDMI/VGA output	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 **VGA**: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	When 4 MP Lite mode not enabled: 4 MP/4 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF; When 4 MP Lite mode enabled: 4 MP lite/3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF When 1080p Lite mode not enabled: 4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF; When 1080p Lite mode enabled: 4 MP/3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF		
	Frame rate	Main stream: For 3 MP stream access: 3 MP@15fps; For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 4 MP Lite mode not enable: For 4 MP stream access: 4 MP@8fps; 4 MP lite/1080p/720p/WD1/4CIF/VGA/CIF@15fps (N) When 4MP Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode not enabled: For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 1080p stream access:1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)		
		Sub-stream: WD1/4CIF/2CIF@12fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)		
	Video bit rate	32 Kbps to 4 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	16-ch
Network management	Remote connections	32	128	
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	SATA	1 SATA interface		
	Capacity	Up to 10 TB capacity for each disk		
External interface	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	USB interface	Rear panel: 2 × USB 2.0		

General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 8 W	≤ 12 W	≤ 20 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)		
	Weight (without HDD)	≤ 0.8 kg (1.8 lb)		≤ 1.2 kg (2.6 lb)

Available Models

WD-6104MH-G2, HWD-6108MH-G2, HWD-6116MH-G2

Dimensions



NOTE

The rear panel of HWD-6104/6108MH-G2 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	GND
5	HDMI		

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