

### 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

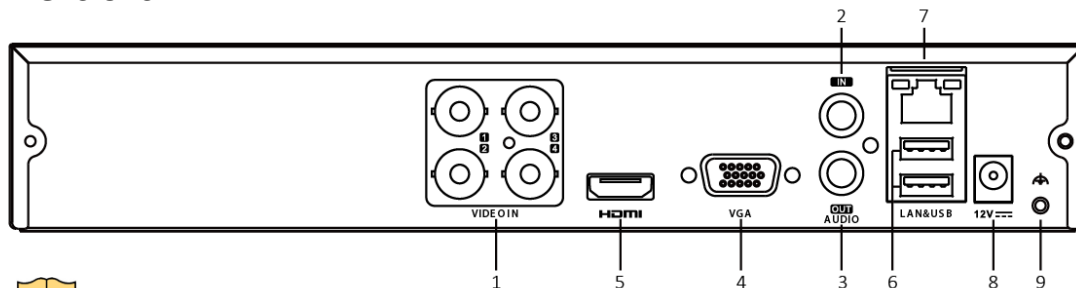
Model	HWD-6104MH-G2	HWD-6108MH-G2	HWD-6116MH-G2	
Video/Audio input	<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
	<b>Analog video input</b>	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	<b>Turbo HD input</b>	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 <b>Note:</b> 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.		
	<b>AHD input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	<b>HDCVI input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	<b>CVBS input</b>	Support		
	<b>IP video input</b>	2-ch (up to 6-ch)	4-ch (up to 12-ch)	8-ch (up to 24-ch)
		Up to 6 MP resolution		
	<b>Audio compression</b>	G.711u		
<b>Audio input/Two-way audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	<b>HDMI/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		<b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz <b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	<b>Encoding resolution</b>	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		
	<b>Frame rate</b>	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)		
	<b>Video bit rate</b>	32 Kbps to 4 Mbps		
	<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)		
	<b>Audio bit rate</b>	64 Kbps		
	<b>Dual stream</b>	Support		
	<b>Stream type</b>	Video, Video & Audio		
	<b>Synchronous playback</b>	4-ch	8-ch	16-ch
	Network management	<b>Remote connections</b>	32	128
<b>Network protocols</b>		TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS		
Hard disk	<b>SATA</b>	1 SATA interface		
	<b>Capacity</b>	Up to 10 TB capacity for each disk		
External interface	<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
	<b>USB interface</b>	Rear panel: 2 × USB 2.0		

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

Distributed by



## **HIKVISION**<sup>®</sup> HiWatch Series

### Headquarters

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

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com