

## HWD-5100M SERIES TURBO HD DVR

### Key Features

- H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 5-ch IP camera input for HWD-5104M (up to 1080p); Up to 10/18-ch IP camera input for HWD-5108/5116M (up to 5 MP)
- Max. 1200 m for 720p HDTVI signal transmission



### Compression and Recording

- H.264 + video compression improves encoding efficiency and reduces data storage costs
- Support 1080p lite of all channels. When 1080p lite is on, the image effect is similar with 1080p

### Storage and Playback

- 1 SATA interface (up to 6 TB capacity per HDD)
- Smart search for efficient playback

### Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 64/72 Mbps total bandwidth

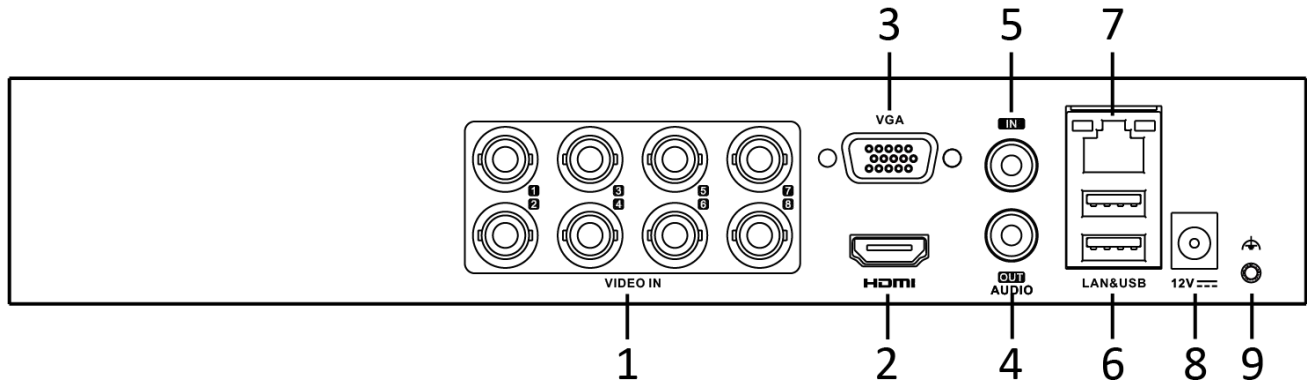


## Specifications

Model	HWD-5104M	HWD-5108M
<b>Recording</b>		
<b>Video compression</b>	H.264+/H.264	
<b>Encoding resolution</b>	When 1080p lite mode not enabled: 720p/WD1/4CIF/VGA/CIF When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA/CIF	
<b>Frame rate</b>	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
<b>Video bit rate</b>	32 Kbps to 4 Mbps	
<b>Dual stream</b>	Support	
<b>Stream type</b>	Video, Video & Audio	
<b>Audio compression</b>	G.711u	
<b>Audio bit rate</b>	64 Kbps	
<b>Video and Audio</b>		
<b>IP video input</b>	1-ch (up to 5-ch)	2-ch (up to 10-ch)
	Up to 1080p resolution	Up to 5 MP resolution
	Support H.264+/H.264 IP cameras	
<b>Analog video input</b>	4-ch	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
<b>Turbo HD input</b>	1080p25, 1080p30, 720p25, 720p30	
<b>AHD input</b>	1080p25, 1080p30, 720p25, 720p30	
<b>HDCVI input</b>	1080p25, 1080p30, 720p25, 720p30	
<b>CVBS input</b>	Support	
<b>HDMI/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
<b>Audio input</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ)	
	4-ch via coaxial cable	8-ch via coaxial cable
<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)	
<b>Two-way audio</b>	Reuse the first audio input	
<b>Synchronous playback</b>	4-ch	8-ch
<b>Network</b>		
<b>Remote connections</b>	32	64
<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
<b>Network interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	

Auxiliary interface		
<b>SATA</b>	1 SATA interface	
<b>Capacity</b>	Up to 6 TB capacity for each disk	
<b>Alarm in/out</b>	N/A	
<b>USB interface</b>	Rear panel: 2 × USB 2.0	
General		
<b>Power supply</b>	12 VDC, 1.5 A	
<b>Consumption (without HDD)</b>	≤ 8 W	≤ 12 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)	

## Physical Interface



\*: The rear panel of HWD-5104M provides 4 video input interfaces.

No.	Description	No.	Description
1	Video and Audio in	6	USB Interfaces
2	HDMI Interface	7	LAN Network Interface
3	VGA Interface	8	12 VDC Power Input
4	AUDIO OUT, RCA Connector	9	GND
5	AUDIO IN, RCA Connector		

## Available Model

HWD-5104M, HWD-5108M

Distributed by



### 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