

HWD-5100 SERIES TURBO HD DVR

Key Features

- Support H.264+/H.264 video compression
- Support HDTV/AVD/CVI/CVBS/IP video input
- Up to 5-ch IP camera input for HWD-5104 (up to 1080p); Up to 10/18-ch IP camera input for HWD-5108/5116 (up to 5 MP)
- Max. 1200 m for 720p HDTV 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

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

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

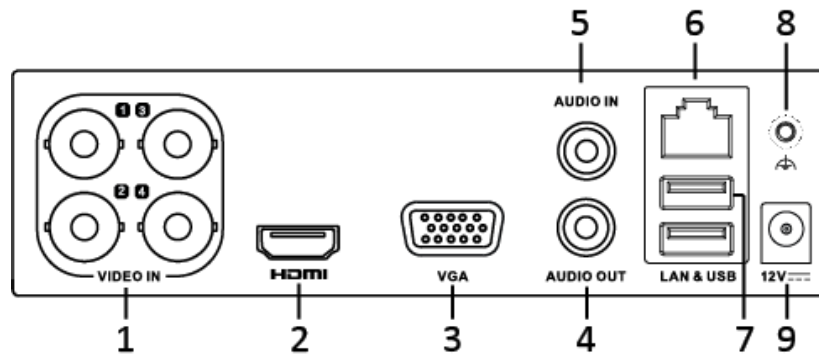


Specifications

Model	HWD-5104		HWD-5108	HWD-5116
Recording				
Video compression	H.264+/H.264			
Encoding resolution	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			
Frame rate	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)	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)		
	Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Sub-stream: CIF/QVGA/QCIF@12fps		
Video bit rate	32 Kbps to 4 Mbps			
Dual stream	Support			
Stream type	Video, Video & Audio			
Audio compression	G.711u			
Audio bit rate	64 Kbps			
Video and Audio				
IP video input	1-ch (up to 5-ch)	2-ch (up to 10-ch)	2-ch (up to 18-ch)	
	Up to 1080p resolution	Up to 5 MP resolution		
	Support H.264+/H.264 IP cameras			
Analog video input	4-ch	8-ch	16-ch	
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection			
Turbo HD input	1080p25, 1080p30, 720p25, 720p30			
AHD input	1080p25, 1080p30, 720p25, 720p30			
HDCVI input	1080p25, 1080p30, 720p25, 720p30			
CVBS input	Support			
HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Audio output	1-ch, RCA (Linear, 1 KΩ)			
Two-way audio	Reuse the first audio input			
Synchronous playback	4-ch	8-ch	16-ch	
Network				
Remote connections	32	128		
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS			
Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface			
Auxiliary interface				

SATA	1 SATA interface		
Capacity	Up to 6 TB capacity for each disk		
Alarm in/out	N/A		
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)	200 × 200 × 45 mm (7.9 × 7.9 × 1.8 inch)		285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)
Weight (without HDD)	≤ 0.8 kg (1.8 lb)		≤ 1.2 kg (2.6 lb)

Physical Interfaces



NOTE

The rear panel of HWD-5108/5116 provides 8/16 video input interfaces.

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

Available Models

HWD-5104, HWD-5108, HWD-5116

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 (0) 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