DS-72xxHUI-Kx(/P) Series

TurboHD DVR

TurboHD

- **H.265+ / H.265 / H.264+ / H.264 and Dual-Stream Video Compression**
- **Support for HD-TVI and Analog Cameras**
- **Full Channel Recording at up to 5 MP**
- **Full Channel 1080p Real-Time Recording**
- **HDMI and VGA Output up to 3840 x 2160**
- **Long Over-the-Coax Tranismission Distance**
- **Up to 16-ch Synchronous Playback Support**

TurboHD DS-72xxHUI-Kx and DS-72xxHUI-Kx/P Series DVRs feature a range of self-adaptive signal inputs and offer camera support on up to 16 channels. They offer transmission distances of up to 2,630 ft (800m) on 1080p, and 3,940 ft (1,200m) on 720p HD-TVI. Hikvision's TurboHD DVRs also feature the latest H.265+ encoding technology, which improves recording efficiency and reduces data storage costs.

The DS-72xxHUI-Kx and DS-72xxHUI-Kx/P Series DVR supports advanced analytics, such as line crossing, intrusion, and scene change detection.

Additionally, 4 and 8 channel models support Power over Coax (PoC) technology.

Available models: DS-7204HUI-K1, DS-7204HUI-K1/P, DS-7208HUI-K2, DS-7208HUI-K2/P, and DS-7216HUI-K2

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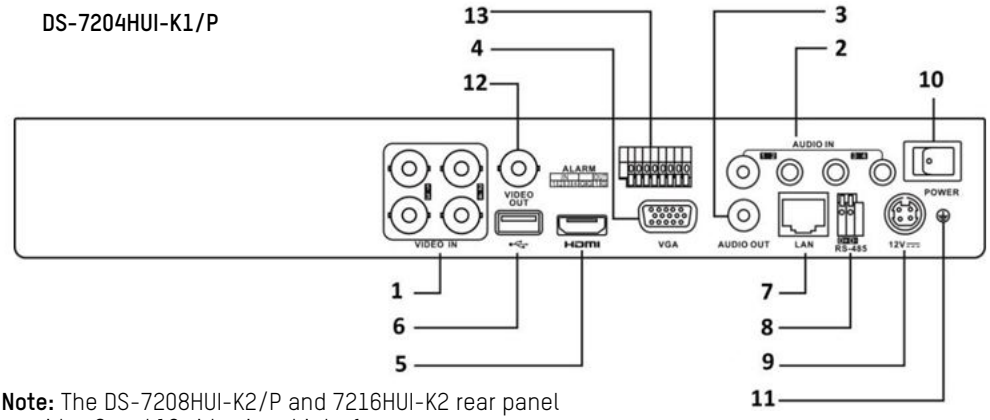
Specifications

	DS-7204HUI-K1 and DS-7204HUI-K1/P	DS-7208HUI-K1 and DS-7208HUI-K2/P	DS-7216HUI-K2
Video / Audio Input			
Video Compression	H.265+ / 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		
HD-TVI Input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
CVBS Input	PAL / NTSC		
PoC Camera Input (For PoC Models Only)	Supports Hikvision PoC Camera; Note: Do not unplug or plug the PoC camera if it is powered by an external power supply.		-
IP Video Input	2-ch		
	Up to 6 MP resolution		
	Supports H.265+ / H.265 / H.264+ / H.264 IP cameras		
Audio Compression	G.711u		
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video / Audio Output			
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	**VGA:** 1-ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz; **HDMI:** 1-ch, 4 K (3840 × 2160) / 30 Hz, 2 K (2560 × 1440) / 60 Hz, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz	
Encoding Resolution	5 MP / 4 MP / 3 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF		
Frame Rate	Main stream: 5 MP @ 12 fps / 4 MP @ 15 fps / 3 MP @ 18 fps; 1080p / 720p / WD1 / 4CIF / VGA / CIF @ 25 fps (P) / 30 fps (N)		
	Sub-stream: WD1 / 4CIF / CIF @ 25 fps (P) / 30 fps (N)		
Video Bit Rate	32 Kbps to 10 Mbps		
Audio Output	1-ch, RCA (Linear, 1 kΩ)		
Audio Bit Rate	64 Kbps		
Dual-Stream	Supported		
Stream Type	Video, video and audio		
Synchronous Playback	4-ch	8-ch	16-ch
Network Management			
Remote Connections	128		
Network Protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard Disk			
SATA	1 SATA interface	2 SATA interfaces	
Capacity	Up to 8 TB capacity for each disk		
External Interface			
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)		
USB Interface	2 × USB 2.0	Front panel: 1 × USB 2.0; rear panel: 1 × USB 3.0	
Alarm In / Out	4/1	8/4	16/4
General			
Power Supply	12 VDC (non-PoC models), 48 VDC (PoC models)		
Consumption (without HDD)	≤ 40 W	≤ 60 W	≤ 10 W
Working Temperature	14° F to 131° F (-10° C to 55° C)		
Working Humidity	10 to 90 %		
Dimensions (W x D x H)	12.4" × 9.5" × 1.8" (315 mm x 242 mm x 45 mm)	15" × 12.6" × 1.9" (380 mm x 320 mm x 48 mm)	
Weight (without HDD)	≤ 2.6 lbs (1.16 kg)	≤ 3.9 lbs (1.78 kg)	≤ 4.4 lbs (2 kg)

Physical Interfaces

DS-7204HUI-K1/P



1.	VIDEO IN	8.	RS-485 Serial Interface
2.	AUDIO IN, RCA Connector	9.	48 VDC Power Input (12 VDC for non-PoC models)
3.	AUDIO OUT, RCA Connector	10.	Power Switch
4.	VGA Interface	11.	GND
5.	HDMI Interface	12.	VIDEO OUT
6.	USB Port	13.	Alarm In/Out
7.	LAN Network Interface		

Note: The DS-7208HUI-K2/P and 7216HUI-K2 rear panel provides 8 and 16 video input interfaces

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