DS-72xxHUI-Kx(/P) Series
TurboHD DVR

Hikvision's 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 up to 2,630 ft (800 m) on 1080p, and 3,940 ft (1,200 m) 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 DVRs support advanced analytics such as line crossing, intrusion, and scene change detection.

Additionally, /P models support Power-over-Coax (PoC) technology.

Available models:
DS-7204HUI-K1: 4-channel
DS-7204HUI-K1/P: 4-channel, PoC
DS-7208HUI-K2: 8-channel
DS-7208HUI-K2/P: 8-channel, PoC
DS-7216HUI-K2: 16-channel
DS-7216HUI-K2/P: 16-channel, PoC

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

Specifications

	DS-7204HUI-K1	DS-7204HUI-K1/P	DS-7208HUI-K2	DS-7208HUI-K2/P	DS-7216HUI-K2	DS-7216HUI-K2/P
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)					
HD-TVI Input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25					
CVBS Input	PAL/NTSC					
PoC Camera Input	---	Hikvision PoC cameras	---	Hikvision PoC cameras	---	Hikvision PoC cameras
	NOTE: Do not unplug or plug the PoC camera if it is powered by an external power supply.					
IP Video Input	4-ch[1]		8-ch[2]		16-ch[3]	
	Up to 8 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, 1K Ω)					
Video/Audio Output						
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: 704 × 480					
HDMI/VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		**VGA:** 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz **HDMI:** 1-ch, 4K (3840 × 2160)/30 Hz, 2K (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: 8 MP @ 8 fps/5 MP @ 12 fps/4 MP @ 15 fps/3 MP @ 18 fps; 1080p/720p/WD1/4CIF/VGA/CIF @ 30 fps					
	Sub-stream: WD1/4CIF/CIF @ 30 fps					
Video Bit Rate	32 Kbps to 10 Mbps					
Audio Output	1-ch, RCA (linear, 1K Ω)					
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 10 TB capacity for each disk					
External Interface						
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1K Ω) (using the first audio input)					
Network Interface	1, RJ-45 10M/100M self-adaptive Ethernet interface				1, RJ-45 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 (w/o HDD)	≤40 W		≤60 W		≤10 W	
Working Temperature	14° to 131° F (-10° to 55° C)					
Working Humidity	10% to 90% non-condensing					
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 (w/o HDD)	≤2.6 lbs (1.16 kg)		≤3.9 lbs (1.78 kg)		≤4.4 lbs (2 kg)	

Physical Interfaces

DS-7204HUI-K1(/P)
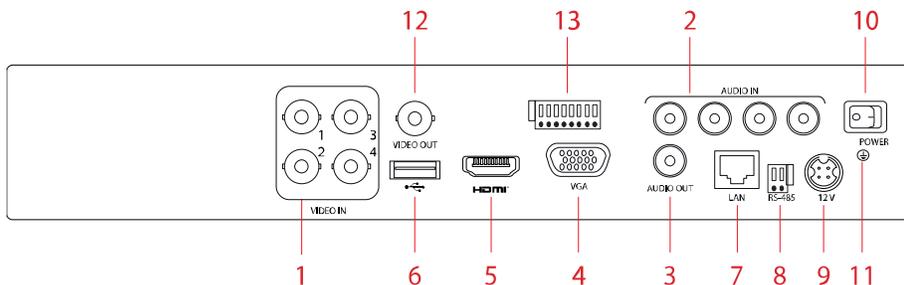
1. Video In	8. RS-485 Serial Interface
2. Audio In, RCA Connector	9. Power Input: 12 VDC (48 VDC for PoC models)
3. Audio Out, RCA Connector	10. Power Switch
4. VGA Interface	11. Gnd
5. HDMI Interface	12. Video Out
6. USB Port	13. Alarm In/Out
7. LAN Network Interface	

NOTE:
The DS-7208HUI-K2(/P) and DS-7216HUI-K2(/P) rear panels provide 8 and 16 video input interfaces, respectively

[1]Up to 8 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.
[2]Up to 16 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.
[3]Up to 32 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.

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