

DS-72xxHQI-Kx(/P) Series

TurboHD DVR

TurboHD[™]

- H.265+/H.265/H.264+/H.264 and Dual-Stream Video Compression
- Supports HD-TVI and Analog Cameras
- Full Channel Recording at up to 2 MP
- HDMI and VGA Output up to 3840 x 2160
- Long Over-the-Coax Transmission Distance
- Up to 16-ch Synchronous Playback

Hikvision's TurboHD DS-72xxHQI-Kx and DS-72xxHQI-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 (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-72xxHQI-Kx and DS-72xxHQI-Kx/P Series DVR supports advanced analytics such as line crossing, intrusion, and scene change detection.

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

Available models:

DS-7204HQI-K1: 4-ch

DS-7204HQI-K1/P: 4-ch w/PoC

DS-7208HQI-K2: 8-ch

DS-7208HQI-K2/P: 8-ch w/PoC

DS-7216HQI-K2: 16 ch

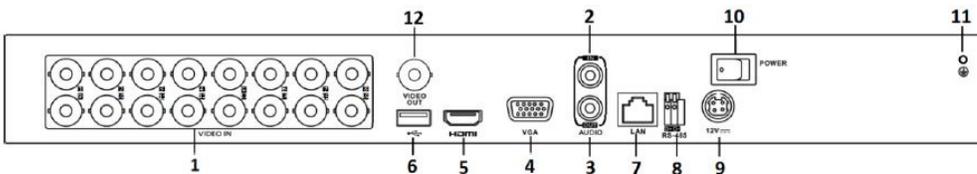
DS-7216HQI-K2/P: 16 ch w/PoC

Specifications

	DS-7204HQI-K1 and DS-7204HQI-K1/P	DS-7208HQI-K2 and DS-7208HQI-K2/P	DS-7216HQI-K2 and DS-7216HQI-K2/P
Video/Audio Input			
Video Compression	H.265+/H.265/H.264+/H.264		
Analog Video Input	4-ch	8-ch	16-ch
HD-TVI Input	BNC interface (1.0 Vp-p, 75 Ω), supports Hikvision-C and Coaxitron 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 NOTE: The 3 MP signal input is available only for channel 1 of DS-7204HQI-K1/P, channel 1/2 of DS-7208HQI-K2/P, and channel 1/2/3/4 of DS-7216HQI-K2/P.		
AHD Input	1080p25, 1080p30, 720p25, 720p30		
HD-CVI Input	1080p25, 1080p30, 720p25, 720p30		
CVBS Input	NTSC		
PoC Camera Input (PoC Models Only)	Supports Hikvision PoC Camera NOTE: Do not unplug or plug the PoC camera if it is powered by the external power supply.		
IP Video Input	1-ch ¹	2-ch ²	2-ch ³
	Up to 6 MP resolution Supports H.265+/H.265/H.264+/H.264 IP cameras		
Audio Compression	G.711u		
Audio Input	1-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	When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF When 1080p Lite mode enabled: 3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF		
Frame Rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF @ 15 fps; For 1080p stream access: 1080p/720p @ 15 fps; VGA/WD1/4CIF/CIF @ 30 fps; For 720p stream access: 720p/VGA/WD1/4CIF/CIF @ 30 fps; When 1080p Lite mode enabled: 3 MP @ 15 fps 1080p lite/720p lite/VGA/WD1/4CIF/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 and audio		
Synchronous Playback	4-ch	8-ch	16-ch
Network Management			
Remote Connections	32	64	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
General			
Power Supply	12 VDC (non-PoC models), 48 VDC (PoC models)		
Consumption (without HDD)	≤40 W	≤60 W	≤120 W
Working Temperature	14° to 131° F (-10° to 55° C)		
Working Humidity	10% to 90% non-condensing		
Dimensions (W × D × H)	12.4" × 9.5" × 1.8" (315 mm × 242 mm × 45 mm)	15" × 12.6" × 1.9" (380 mm × 320 mm × 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-7216HQI-K2/P



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

NOTE: The DS-7204/7208HQI-Kx/P rear panel provides 4 or 8 video input interfaces, respectively

¹Up to 6 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.
²Up to 12 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.
³Up to 24 IP channels if Enhanced IP Mode is enabled and all analog channels are disabled. Enhanced IP Mode and Enhanced VCA Mode cannot run simultaneously.