

DS-72xxHTI-Kx TurboHD DVR

TurboHD



- **VGA Output at Up to 1920 × 1080 Resolution**
- **HDMI Output at Up to 4K (3,840 x 2,160) Resolution**
- **H.265+/H.265/H.264+/H.264 Main Stream Encoding**
- **Self-Adaptive HD-TVI/CVBS Signal Input**
- **Full Channel Recording Up to 8 MP Resolution**
- **Long Distance Transmission over UTP and Coaxial Cable: Maximum of 800 m for 1080p and 1,200 m for 720p HD-TVI Signal**
- **4/8-ch synchronous playback**

TurboHD DS-72xxHTI-Kx DVRs support up to 4K output resolution and offer camera support on up to 4/8 channels. They offer long transmission distances and feature the latest H.265+ compression technology, which improves recording efficiency and reduces data storage costs.

Additionally, DS-72xxHTI-Kx DVRs support advanced analytics such as line crossing, intrusion, scene change detection, people counting, heat map functionality, and Video Quality Diagnostics (VQD).

Available models:

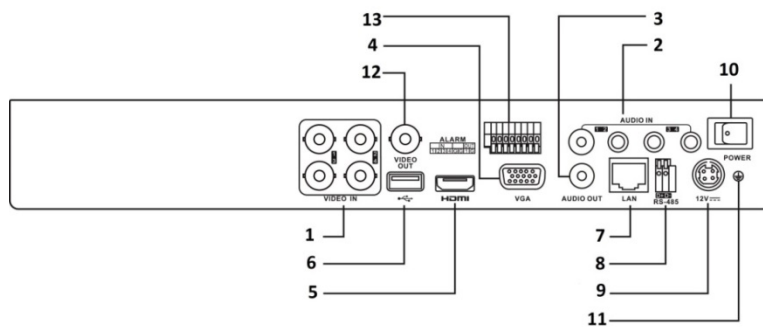
DS-7204HTI-K1
DS-7208HTI-K2

Specifications

	DS-7204HTI-K1	DS-7208HTI-K2
Video / Audio Input		
Video Compression	H.265+ / H.265 / H.264+ / H.264	
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting the Hikvision-C UTC protocol	8-ch
HDTVI Input	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	
AHD Input	5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30	
HDCVI Input	4 MP, 1080p25, 1080p30, 720p25, 720p30	
CVBS Input	NTSC	
IP Video Input	2-ch Up to 8 MP resolution Supports H.265+ / H.265 / H.264+ / H.264 IP cameras	4-ch
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: NTSC: 704 × 480	
VGA Output	1-ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz	
HDMI Output	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	8 MP / 5 MP / 4 MP / 3 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF	
Frame Rate	Main stream: 8 MP @ 12 fps, 5 MP @ 20 fps, 3 MP @ 18 fps; 4 MP / 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
Network Management		
Remote Connections	32	64
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) (for the first audio input)	
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
USB Interface	Front panel: 1 × USB 2.0; rear panel: 1 × USB 3.0	
Serial Interface	RS-485 (half-duplex)	
Alarm In / Out	4/1	8/4
General		
Power Supply	12 VDC	
Consumption (without HDD)	≤ 15 W	≤ 20 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" x 9.5" x 1.8" (315 mm x 242 mm x 45 mm)	15" x 12.6" x 1.9" (380 mm x 320 mm x 48 mm)
Weight (without HDD)	≤ 3.3 lbs (1.5 kg)	≤ 4.4 lbs (2 kg)

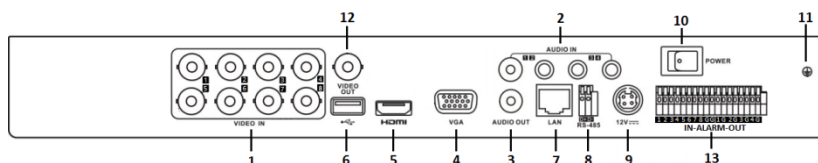
Physical Interfaces

DS-7204HTI-K1



1. Video In	8. RS-485 Serial Interface
2. Audio In, RCA Connector	9. 12 VDC Power Input
3. Audio Out, RCA Connector	10. Power Switch
4. VGA Interface	11. GND
5. HDMI Interface	12. Video Out
6. USB Interface	13. Alarm In/Out
7. RS-485 Serial Interface	

DS-7208HTI-K2



1. Video In	8. RS-485 Serial Interface
2. Audio In, RCA Connector	9. 12 VDC Power Input
3. Audio Out, RCA Connector	10. Power Switch
4. VGA Interface	11. GND
5. HDMI Interface	12. Video Out
6. USB Interface	13. Alarm In/Out
7. LAN Network Interface	