

DS-90xxHUI-K8 SERIES

TurboHD DVR



- H.265+/H.265/H.264+/H.264 Main Stream Encoding
- Hot-Swappable HDD Support for RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10
- Full Channel Recording at up to 5 MP
- HDMI1 and VGA Output up to 1920 x 1080
- HDMI2 Output up to 4K (3840 x 2160)
- Long Over-the-Coax Transmission Distance
- 8/16-ch Synchronous Playback

TurboHD DS-90xxHUI-K8 Series DVRs feature support of HD-TVI, CVBS and IP cameras on up to 16 channels. They offer long transmission distances and feature new important H.265+ compression technology, which improves recording efficiency and reduces data storage costs.

Additionally, the DS-90xxHUI-K8 Series DVRs support advanced analytics such as line crossing, intrusion, scene change detection, people counting, heat map functionality, and Video Quality Diagnostics (VQD).

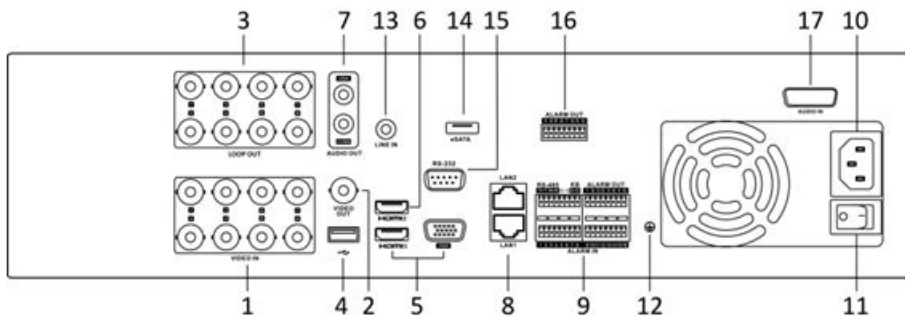
Available models: DS-9008HUI-K8, DS-9016HUI-K8

Specifications

	DS-9008HUI-K8	DS-9016HUI-K8
Video / Audio Input		
Video Compression	H.265+ / H.265 / H.264+ / H.264	
Analog Video Input	8-ch	16-ch
HDTVI Input	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
CVBS Input	5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	
IP Video Input	Supported	Supported
	10-ch (up to 18-ch)	18-ch (up to 32-ch)
	Up to 12 MP resolution	
	Supports H.265+ / H.265 / H.264+ / H.264 IP cameras	
Network Bandwidth	260 Mbps	320 Mbps
Audio Compression	G.711u	
Audio Input	8-ch	16-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	
HDMI1 / VGA	1-ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz	
HDMI2 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	
Video Loop	Supported	
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 6 Mbps	
Audio Output	2-ch, RCA (Linear, 1 KΩ)	
Audio Bit Rate	64 Kbps	
Dual Stream	Supported	
Stream Type	Video, Video and Audio	
Synchronous Playback	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, SNMP	
Hard Disk		
SATA	8 SATA interfaces	
eSATA	Supported	
Capacity	Up to 8 TB capacity for each disk	
External Interface		
Two-way audio input	1-ch, RCA [2.0 Vp-p, 1 KΩ] (independent)	
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
USB Interface	Front panel: 2 × USB 2.0; rear panel: 1 × USB 3.0	
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	
Alarm In / Out	16/8	
General		
Power Supply	100 to 240 VAC	
Consumption (without HDD)	≤ 45 W	≤ 65 W
Working Temperature	14° F to 131° F (-10° C to 55° C)	
Working Humidity	10 to 90 %	
Dimensions (W x D x H)	17.5" x 18.5" x 3.5" (445 mm x 470 mm x 90 mm)	
Weight (without HDD)	≤ 17.6 lb (8 kg)	

Physical Interfaces

DS-9016HUI-K8



1.	Video In	10.	100 to 240 VAC
2.	Video Out	11.	Power Switch
3.	Loop Out	12.	GND
4.	USB Interface	13.	Line In
5.	HDMI1/VGA Interface	14.	eSATA Interface
6.	HDMI2 Interface	15.	RS-232 Serial Interface
7.	CVBS Audio Out and VGA Audio Out	16.	Alarm Out
8.	LAN1 and LAN2 Network Interface	17.	Audio In
9.	RS-485 Serial Interface, Keyboard Interface, Alarm In and Alarm Out		

Note: The DS-9016HUI-K8 rear panel provides 16 video input interfaces