

DS-7116HGHI-K1 TURBO HD DVR

Key Feature

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 18-ch IP camera inputs (up to 5 MP)
- Up to 1080p Lite@15 fps encoding capability
- Max. 1200 m for 720p HDTVI signal













Smart Function

• Deep learning-based motion detection 2.0

Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 1080p Lite of all channels. When 1080p Lite is on, the image effect is similar with 1080p

Storage and Playback

- 1 SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

Network & Ethernet Access

• Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



Specification

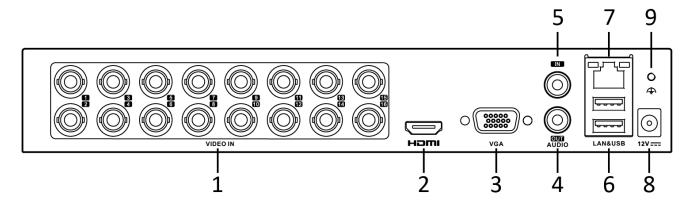
Motion Detection 2.0					
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it				
	can classify human and vehicle, and extremely reduce false alarms caused by objects like				
	leaves and lights;				
	Quick search by object or event type is supported;				
Recording					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264				
	For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF				
Encoding Resolution	For 720p stream access: 720p/WD1/4CIF/VGA/CIF				
	For standard definition stream access: WD1/4CIF/VGA/CIF				
Frame Rate	Main stream:				
	For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF@15 fps				
	For 720p stream access: 720p/WD1/4CIF/VGA/CIF@15 fps				
	For SD stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)				
	Sub-stream:				
	For 1080p and 720p stream access: CIF/QVGA@15 fps				
	For SD stream access: CIF/QVGA@25 fps (P)/30 fps (N)				
Video Bitrate	32 Kbps to 4 Mbps				
Stream Type	Video, Video & Audio				
Audio Compression	G.711u				
Audio Bitrate	64 Kbps				
Video and Audio					
	2-ch (up to 18-ch)				
IP Video Input	Up to 5 MP resolution				
	Support H.265+/H.265/H.264+/H.264 IP cameras				
Analog Video Input	16-ch				
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection				
HDTVI Input	1080p25, 1080p30, 720p25, 720p30				
AHD Input	1080p25, 1080p30, 720p25, 720p30				
HDCVI Input	1080p25, 1080p30, 720p25, 720p30				
CVBS Input	Support				
HDMI Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz				
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz				
Video Output Mode	o Output Mode HDMI/VGA simultaneous output				



Audio Input	1-ch RCA (2.0 Vp-p, 1 KΩ)			
	16-ch via coaxial cable			
Audio Output	1-ch, RCA (Linear, 1 KΩ)			
Two-Way Audio	Reuse the first audio input			
Synchronous playback	16-ch			
Network				
Total Bandwidth	96 Mbps			
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS			
Remote Connection	128			
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface			
Auxiliary Interface				
SATA	1 SATA interface			
Capacity	Up to 10 TB capacity for each disk			
USB Interface	Rear panel: 2 × USB 2.0			
General				
Power Supply	12 VDC, 1.6 A			
Consumption	≤ 7 W (without HDD)			
Working Temperature	-10 °C to 55 °C (14 °F to +31 °F)			
Working Humidity	10% to 90%			
Dimension (W × D × H)	285 × 210 × 45 mm (11.2 × 8.3 × 1.8 inch)			
Weight	≤ 1.8 kg (without HDD, 4.0 lb.)			



Physical Interface



No.	Description	No.	Description
1	Video and coaxial audio in	6	USB interface
2	HDMI interface	7	LAN network interface
3	VGA interface	8	12 VDC power input
4	AUDIO OUT	9	GND
5	AUDIO IN		

Available Model

DS-7116HGHI-K1

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