

DVR-200U-K1 SERIES TURBO HD DVR

Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTV/AVD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 8/16-ch IP camera inputs (up to 8 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTV signal transmission
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ improves encoding efficiency and reduces data storage costs
- Full channel recording at up to 8 MP resolution

Storage and Playback

- Smart search for efficient playback
- Support the third party cloud storage

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Support line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 16/32 Mbps incoming bandwidth, 96/128 Mbps total bandwidth

Specification

Model	DVR-204U-K1	DVR-208U-K1
Perimeter Protection¹		
Line Crossing Detection/ Intrusion Detection	2-ch Enhanced VCA mode on: 4-ch	2-ch Enhanced VCA mode on: 8-ch
Recording		
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding resolution	When 8 MP Lite mode is not enabled: 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF When 8 MP Lite mode is enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
Frame rate	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DVR-204U-K1. When 8 MP Lite mode enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DVR-204U-K1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	
Video bit rate	32 Kbps to 10 Mbps	
Dual stream	Support	
Stream type	Video, Video & Audio	
Audio compression	G.711u	
Audio bit rate	64 Kbps	
Video and Audio		
IP video input²	2-ch (up to 6-ch) Enhanced IP mode on: 4-ch (up to 8-ch), each up to 4 Mbps Up to 8 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras	4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Analog video input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	8-ch
HDTV input	8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	
AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30	
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30	
CVBS input	PAL/NTSC	
VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	
HDMI output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	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

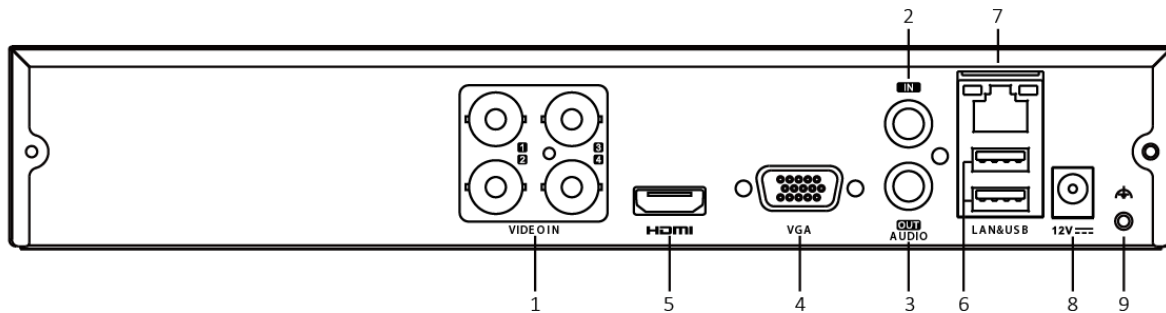
Audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω)	
	4-ch via coaxial cable	8-ch via coaxial cable
Audio output	1-ch, RCA (Linear, 1 K Ω)	
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 K Ω) (using the audio input)	
Synchronous playback	4-ch	8-ch
	Network	
Remote connection	32	64
Network protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
Network interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
	Auxiliary interface	
SATA	1 SATA interface	
Capacity	Up to 10 TB capacity for each disk	
USB interface	Real panel: 2 × USB 2.0	
Alarm in/out	N/A	
General		
Power supply	12 VDC, 1.5 A	12 VDC, 1.8 A
Consumption (without HDD)	≤ 10 W	≤ 20 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	
Working humidity	10% to 90%	
Dimension (W × D × H)	260 × 222 × 45 mm (10.2 × 8.7 × 1.8 inch)	
Weight (without HDD)	≤1 kg (2.2 lb.)	≤ 1.2 kg (2.6 lb.)

Note:

1: Enabling enhanced VCA mode will maximize the connectable channel number for perimeter protection (line crossing detection and intrusion detection), but disable 2K/4K HDMI output resolution and 8 MP/5 MP/4 MP signal input.

2: Enhanced IP mode might be conflicted with smart events (perimeter protection) or other functions, please refer to the user manual for details.

Physical Interface



*: The rear panel of DVR-208U-K1 provides 8 video input interfaces.

No.	Description	No.	Description
1	Video and Audio in	6	USB Interface
2	AUDIO IN	7	Network Interface
3	AUDIO OUT	8	Power Supply
4	VGA	9	GND
5	HDMI		

Available Model

DVR-204U-K1, DVR-208U-K1