

DVR-200U-K1 SERIES TURBO HD DVR

Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/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 HDTVI 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

Line Crossing Detection	Model	DVR-204U-K1	DVR-208U-K1		
Line Crossing Detection Intrusion Detection Enhanced VCA mode on: 4-ch Enhanced VCA mode on: 8-ch	Perimeter Protection ¹				
Enhanced VCA mode on: 4-ch	Line Crossing Detection/	2-ch	2-ch		
Video compression H.265 Prov/H.265 Hz.665/H.2664+/H.264 When 8 MP Uite mode is not enabled: 8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF When 8 MP Uite mode is enabled: 8 MP Liter/3 MP/1080p/720p/WD1/4CIF/VGA/CIF When 8 MP Uite mode is not enabled: 8 MP Liter/3 MP/1080p/720p/WD1/4CIF/VGA/CIF Frame rate Main stream: When 8 MP Uite mode is not enabled: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@8 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 Liter mode enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps ** 3 MP Lite is only available for DVR-204U-K1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N) ** 32 Kbps to 10 Mbps Uideo bit rate 32 Kbps to 10 Mbps Uideo, Video & Audio 4 Audio compression 4 Cf Uideo, Video & Audio 4 Audio compression 4 Cf Uideo, Video & Audio 4 Audio bit rate 4 Kbps Privideo input Privideo input Enhanced IP mode on: 4 -ch (up to 6-ch) 4 -ch (up to 6-ch) 4 -ch (up to 8-ch), each up to 4 Mbps 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 Analog video input BNC interface (1.0 Vp-p, 75 (), supporting camitron connection HDTVI input 4 MP, 1080p25, 1080p30, 720p25, 720p30 HDCVI input 5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30 CVBS input 4 -ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1-ch, 1920 × 1080/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1-ch, 1920 × 1080/60 Hz, 1280 × 7024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 H	Intrusion Detection	Enhanced VCA mode on: 4-ch	Enhanced VCA mode on: 8-ch		
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When 8 MP Lite mode is enabled: 8 MP Lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	Encoding resolution	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF			
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 is only available for DVR-204U-K1. When 8 MP Lite is only available for DVR-204U-K1. Sub-stream:	Encoding resolution	When 8 MP Lite mode is enabled:			
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*: 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 Enhanced IP mode on: 4-ch (up to 8-ch) 8-ch (up to 12-ch) 4-ch (up to 8-ch), each up to 4 Mbps 8-ch (up to 16-ch), each up to 4 Mbps Up to 8 MP resolution 8-ch (up to 16-ch), each up to 4 Mbps 4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting τωπτες Analog video input 8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting τωπτες BNC interface (1.0 Vp-p, 75 Ω), supporting τωπτες HDTVI input 8 MP, 5 MP, 4 MP, 1080p25, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD input 4 MP, 1080p25, 1080p30, 720p25, 720p30 CVBS input PAL/NTSC VGA output 1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz		8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps			
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*: 8 MP Lite is only available for DVR-204U-VI. 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 Fenhanced IP mode on: 4-ch (up to 6-ch) 4-ch (up to 12-ch) Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps Up to 8 MP resolution 8-ch (up to 16-ch), each up to 4 Mbps Support H.265+/H.265/H.264+/H.264 IP cameras Analog video input 4-ch 8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection HDTVI 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 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, 1280 × 720/60 Hz, 1024 × 768/60 Hz		When 8 MP Lite mode enabled:			
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P video input ²	Audio bit rate	64 Kbps			
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4-ch (up to 8-ch), each up to 4 Mbps 8-ch (up to 16-ch), each up to 4 Mbps		Enhanced IP mode on:	Enhanced IP mode on:		
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HDMI output Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 ×			1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 ×		
Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz 1024/60 Hz, 1280 × 720/60 Hz, 1024 ×	LIDAM	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60	1440)/60 Hz, 1920 × 1080/60 Hz, 1280 ×		
768/60 Hz	Hטואוו output	Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1024/60 Hz, 1280 × 720/60 Hz, 1024 ×		
			768/60 Hz		



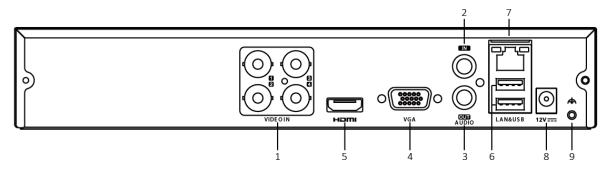
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Addio Iliput	4-ch via coaxial cable 8-ch via coaxial cable			
Audio output	1-ch, RCA (Linear, 1 KΩ)			
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)			
Synchronous playback	4-ch 8-ch			
Network				
Remote connection	32	64		
Network protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS,			
	ONVIF			
Network interface	1, RJ45 10/100 Mbps self-adaptive	1, RJ45 10/100/1000 Mbps self-adaptive		
	Ethernet interface	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	440.00	420.14		
(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