

DVR-100Q-K1 SERIES TURBO HD DVR

Key Feature

- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTVI/AHD/CVI/TVBS/IP video input
- Audio via coaxial cable
- Up to 6/12/24-ch IP camera inputs (up to 6 MP)
- Max. 800 m for 1080p and 1200 m for 720p HDTVI signal
- Up to 10 TB capacity per HDD



Compression and Recording

- H.265 Pro+ improves encoding efficiency and reduces the data storage cost
- Full channel recording at up to 4 MP lite resolution

Storage and Playback

- Smart search for efficient playback
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Network & Ethernet Access

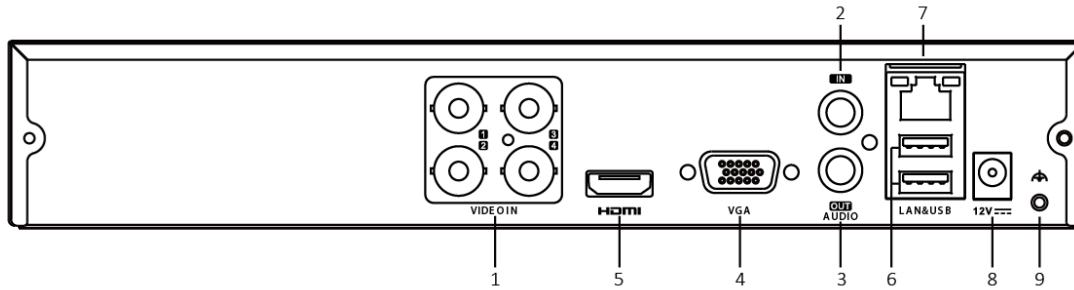
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Max. 8/16/32 Mbps incoming bandwidth, 72/96/128 Mbps total bandwidth

Specification

Model	DVR-104Q-K1	DVR-208Q-K1	DVR-116Q-K1
Recording			
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264		
Encoding resolution	When 1080p Lite mode not enabled: 4MP lite/3 MP/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p/VGA/WD1/4CIF/CIF		
Frame rate	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps(N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25 fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/2CIF@12 fps; CIF/QVGA/QCIF@25 fps (P)/30 fps (N)		
Video bit rate	32 Kbps to 6 Mbps		
Dual stream	Support		
Stream type	Video, Video & Audio		
Audio compression	G.711u		
Audio bit rate	64 Kbps		
Video and Audio			
IP video input	2-ch (up to 6-ch)	4-ch (up to 12-ch)	8-ch (up to 24-ch)
	Up to 6 MP resolution		
	Support H.265+/H.265/H.264+/H.264 IP cameras		
Analog video input	4-ch	8-ch	16-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
HDTV input	4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30 *: The 3 MP signal input is only available for channel 1 of DVR-104Q-K1, channel 1/2 of DVR-208Q-K1, and channel 1/2/3/4 of DVR-116Q-K1.		
AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
CVBS input	PAL/NTSC		
VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
HDMI output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 ×

			1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
	4-ch via coaxial cable	8-ch via coaxial cable	16-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 audio input)		
Synchronous playback	4-ch	8-ch	16-ch
Network			
Remote connection	32	64	128
Network protocol	TCP/IP, PPPoE, DHCP, HiLookVision, DNS, DDNS, NTP, SADP, SMTP, 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, 1.33 A	12 VDC, 1.9 A
Consumption (without HDD)	≤ 8 W	≤ 12 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)

Physical Interface



*: DVR-208Q-K1 and DVR-116Q-K1 provide 8/16 video input interfaces.

Index	Description	Index	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-104Q-K1, DVR-208Q-K1, DVR-116Q-K1