

HIK-7204/08/16SQ-F1/N

1080P 1U Turbo HD DVR



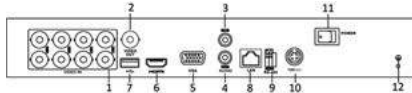
Key features

- 4/8/16-ch video & 1-ch audio input
- HD-TVI/analog/AHD/IP camera quadruple hybrid
- Full channel recording at 1080P resolution
- HDMI output at up to 1920×1080P resolution(DS-7204/08HQHI-F1/N), support CVBS output
- 4K UHD output (HIK-7216SQ-F1/N)
- Long transmission distance over coax cable
- Front panel and alarm I/O optional
- 1 SATA, 2 USB 2.0(HIK-7204/08SQ-F1/N), 1 USB 2.0+1 USB 3.0(HIK-7216SQ-F1/N)

Available Models

HIK-7204SQ-F1/N, HIK-7208SQ-F1/N,
HIK-7216SQ-F1/N

Physical Interfaces



NOTE The rear panel of HIK-7204SQ-F1/N and HIK-7216SQ-F1/N provide 4 and 16 video input interfaces respectively.

Index	Description
1	VIDEO IN
2	VIDEO OUT
3	AUDIO IN, RCA Connector
4	AUDIO OUT, RCA Connector
5	VGA Interface
6	HDMI Interface
7	USB Interface
8	LAN Network Interface
9	RS-485 Serial Interface
10	12VDC Power Input
11	Power Switch
12	GND

	HIK-7204SQ-F1/N	HIK-7208SQ-F1/N	HIK-7216SQ-F1/N
Video/Audio input			
Video compression	H.264+/H.264		
Video input	4-ch	8-ch	16-ch
	BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection		
Supported HDTV input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz		
Supported AHD input	720p/25Hz, 720p/30Hz		
CVBS input	Support		
IP video input	1-ch	2-ch	2-ch
	Up to 2.0 MP resolution		
Video/Audio output			
CVBS output	Support		
HDMI/VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz		1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz
Encoding resolution	When 1080p Lite mode not enabled: 1080p(non-real-time)/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF		
Frame rate	Main stream: 25fps(P)/30fps(N) Sub-stream: WD1/4CIF@12fps/2CIF (non-real-time); CIF/QVGA/QCIF (real time)		
Video bit rate	32 Kbps to 6 Mbps		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Audio bit rate	64 Kbps		
Dual-stream	Support;		
Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch
Network management			
Remote connections	128		
Network protocols	TCP/IP, PPPoE, DHCP, Hik-connect Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk			
SATA	1 SATA interface		
Capacity	Up to 6TB capacity		
External interface			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)		
Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface		1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
USB interface	2 × USB 2.0		1 USB 2.0 on the front panel 1 USB 3.0 on the rear panel
Serial interface	1; RS-485 serial interface, half-duplex		
General			
Power supply	12 VDC		
Consumption (without HDD)	≤ 15 W	≤ 20 W	≤ 30 W
Working temperature	-10 °C to +55 °C (14 °F to 131 °F)		
Working humidity	10% to 90%		
Dimensions(W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		
Weight (without HDD)	≤ 2 kg (4.4lb)	≤ 2 kg (4.4lb)	≤ 2 kg (4.4lb)