

DS-8104AHQ(L)I-E4 SERIES ATM DVR



Features and Functions

Appearance Design

- 7-inch touchable LCD for DS-8104AHQLI-E4

Video Input and Transmission

- Connectable to HDTV, network and analog cameras
- Up to 8-ch IP camera input

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Real-time encoding at up to 1080p resolution
- Support overlapping the multiple AMT cards' number and multiple protocols
- Support triggering recording once inserting the ATM card
- Support triggering recording by ATM transaction behaviors
- Privacy mask for masking certain region and protecting sensitive information

Video Output

- Simultaneous output of VGA and HDMI with up to 1080p resolution of VGA output and up to 4K (3840 × 2160) resolution of HDMI output

Storage and Playback

- 4 SATA interfaces (up to 8 TB of capacity per HDD)
- Supports RAID 0, RAID 1, RAID 5, and RAID 10
- 4-ch synchronous playback
- Enabling/disabling the function of transaction information overlapping during playback and live view
- Playback by inputting ATM card number, transaction amount or transaction type

Smart Function

- VQD (Video Quality Diagnostics)

Network & Ethernet Access

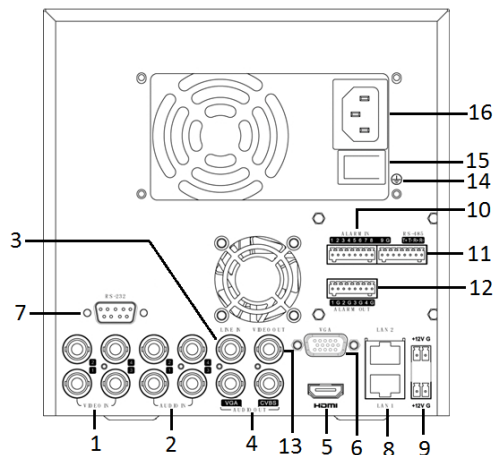
- Easy network management
- 2 RJ45 10M/100M/1000M Ethernet interfaces



Specifications

Model	DS-8104AHQI-E4	DS-8104AHQLI-E4	
Video/Audio input	Video compression	H.264+/H.264	
	Analog video input	4-ch	
		BNC interface (1.0 Vp-p, 75 Ω), TVI/CVBS self-adaptive	
		3 MP, 1080p30, 1080p25, 720p25, 720p30, 720p50, 720p60, CVBS	
	IP video input	Defaulted 4-ch Max. 8-ch (Disabling one analog channel can add one IP channel.)	
	Audio compression	G.711u	
	Audio input	4-ch, BNC (2.0 Vp-p, 1 kΩ)	
Two-way audio input	1-ch, BNC (2.0 Vp-p, 1 kΩ)		
Video/Audio output	LCD	Not supported	7-inch touchable LCD Resolution: 1024 × 600
	HDMI/VGA output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
		VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	Encoding resolution	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/2CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA	
	Frame rate	25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 10 Mbps	
	Audio output	2-ch, BNC (Linear, 600 Ω)	
	Audio bit rate	64 Kbps	
	Dual-stream	Support	
	Stream type	Video, Video & Audio	
	Synchronous playback	4-ch	
	Hard disk	SATA	4 SATA interfaces
eSATA		1 eSATA interface (reserved)	
Capacity		Up to 8 TB capacity for each disk	
External interface	Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	USB interface	2 × USB 2.0	
	Serial interface	RS-232, RS-485 (full-duplex)	
	Alarm input/output	9/4	
	DC output	2 power supply interfaces of 12 VDC	
General	Power supply	100 to 240 VAC	
	Consumption (without HDD or DVD-R/W)	≤ 50 W	
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
	Working humidity	10% to 90%	
	Dimensions (W × D × H)	180 × 280 × 180 mm (7.1 × 11.0 × 7.1 inch)	
	Weight (without HDD or DVD-R/W)	≤ 5 kg (11 lb)	

Physical Interfaces



Index	Description	Index	Description
1	VIDEO IN	9	DC Output
2	AUDIO IN	10	ALARM IN
3	LINE IN	11	RS-485 Interface
4	AUDIO OUT	12	ALARM OUT
5	HDMI	13	VIDEO OUT
6	VGA	14	GND
7	RS-232 Interface	15	Power Switch
8	LAN Interface	16	Power Supply

Distributed by



Available Models

DS-8104AHQI-E4, DS-8104AHQLI-E4

HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Africa
T +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Hong Kong
T +852-2151-1761

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Poland
T +48-22-460-01-50
poland@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com