

## 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

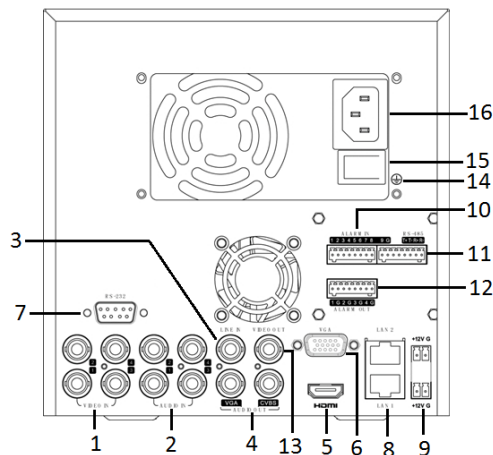
- Easy network management
- 2 RJ45 10M/100M/1000M Ethernet interfaces



## Specifications

Model	DS-8104AHQI-E4	DS-8104AHQLI-E4	
<b>Video/Audio input</b>	<b>Video compression</b>	H.264+/H.264	
	<b>Analog video input</b>	4-ch	
		BNC interface (1.0 Vp-p, 75 Ω), TVI/CVBS self-adaptive	
		3 MP, 1080p30, 1080p25, 720p25, 720p30, 720p50, 720p60, CVBS	
	<b>IP video input</b>	Defaulted 4-ch Max. 8-ch (Disabling one analog channel can add one IP channel.)	
	<b>Audio compression</b>	G.711u	
	<b>Audio input</b>	4-ch, BNC (2.0 Vp-p, 1 kΩ)	
<b>Two-way audio input</b>	1-ch, BNC (2.0 Vp-p, 1 kΩ)		
<b>Video/Audio output</b>	<b>LCD</b>	Not supported	7-inch touchable LCD Resolution: 1024 × 600
	<b>HDMI/VGA output</b>	<b>HDMI:</b> 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
		<b>VGA:</b> 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	<b>Encoding resolution</b>	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/2CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA	
	<b>Frame rate</b>	25fps (P)/30fps (N)	
	<b>Video bit rate</b>	32 Kbps to 10 Mbps	
	<b>Audio output</b>	2-ch, BNC (Linear, 600 Ω)	
	<b>Audio bit rate</b>	64 Kbps	
	<b>Dual-stream</b>	Support	
	<b>Stream type</b>	Video, Video & Audio	
	<b>Synchronous playback</b>	4-ch	
	<b>Hard disk</b>	<b>SATA</b>	4 SATA interfaces
<b>eSATA</b>		1 eSATA interface (reserved)	
<b>Capacity</b>		Up to 8 TB capacity for each disk	
<b>External interface</b>	<b>Network interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	<b>USB interface</b>	2 × USB 2.0	
	<b>Serial interface</b>	RS-232, RS-485 (full-duplex)	
	<b>Alarm input/output</b>	9/4	
	<b>DC output</b>	2 power supply interfaces of 12 VDC	
<b>General</b>	<b>Power supply</b>	100 to 240 VAC	
	<b>Consumption (without HDD or DVD-R/W)</b>	≤ 50 W	
	<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)	
	<b>Working humidity</b>	10% to 90%	
	<b>Dimensions (W × D × H)</b>	180 × 280 × 180 mm (7.1 × 11.0 × 7.1 inch)	
	<b>Weight (without HDD or DVD-R/W)</b>	≤ 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 (0) 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