Hikvision iDS-E04HQHI-D

Digital Video Recorder · Specification summary

Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Power Supply	12 VDC, 1 A
Dimension (W × D × H)	151 × 121 × 46 mm (5.94 × 4.76 × 1.81 inch)
Working Temperature	-10 °C to 45 °C
Working Humidity	10% to 90%
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported
Video Compression	H.265 Pro/H.265
Encoding Resolution	When 1080p Lite mode is not enabled: 3K Lite/5 MP Lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode is enabled: 3K Lite/5 MP Lite/4 MP Lite/1080p Lite/720p Lite/VGA/WD1/4CIF/CIF
Video Bitrate	According to the actual scene, scene-adaptive bitrate control technology would automatically allocates appropriate bitrate to ensure the stability of recording period.
Stream Type	Video, Video & Audio Note: In order to protect privacy, the device will only record video (without audio) by default. If you want to record audio, you shall manually enable audio recording. For operation details, refer to the user manual.
Audio Bitrate	64 Kbps
IP Video Input	1-ch Up to 6 MP resolution Support H.265+/H.265 IP cameras
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
AHD Input	4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
HDCVI Input	4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
CVBS Input	Support
HDMI Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	4-ch via coaxial cable
Audio Output	1-ch via HDMI

Synchronous playback	4-ch
Total Bandwidth	72 Mbps Incoming bandwidth: 4 Mbps
Remote Connection	32
Capacity	Built-in 1024 GB eSSD (960 GB available) Note: The device can store about 4 weeks videos for 4-ch analog cameras (default parameters), this estimation is for reference only
USB Interface	Rear panel: 2 × USB 2.0
Consumption	≤ 5.4 W (with eSSD)
Weight	≤ 0.5 kg (with eSSD, 1.1 lb.)
1	Video and coaxial audio in
2	HDMI interface
3	VGA interface

Specifications are summarised from the manufacturer's published information (checked 2026-10-25). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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