

## iDS-E04HQHI-XB

### 4-ch 1080p 1U H.265 eSSD AcuSense DVR

#### Key Feature

- Powered by M-SATA eSSD technology
- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Deep learning-based perimeter protection
- Scene-adaptive bitrate control video compression
- Up to 3K/5MP Lite@12 fps encoding capability
- Low power consumption
- Audio via coaxial cable



#### Built-In SSD

- Minimalist eSSD design brings low power consumption
- Integrated storage design provides the plug-and-play device use

#### Easy Installation

- Mini size design saves installation space
- Anti-vibration design and light weight satisfy more installation conditions

#### Compression and Recording

- Scene-adaptive bitrate control technology would precisely allocate videos in eSSD according to the actual scene
- Full channel recording at up to 3K/5MP Lite resolution

#### Smart Function

- Deep learning-based motion detection 2.0
- Deep learning-based perimeter protection
- Smart search for efficient playback

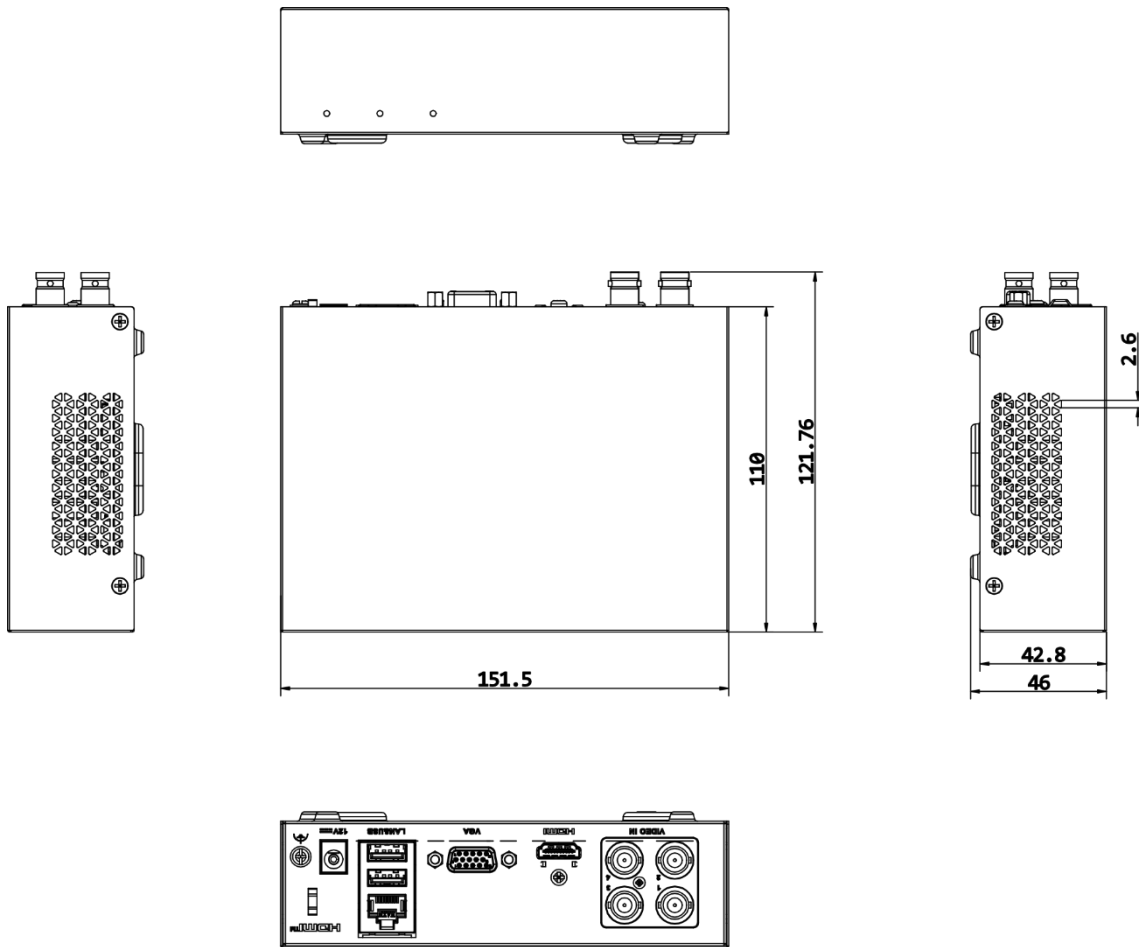
## ▪ Specification

Model		IDS-E04HQHI-XB
<b>Motion Detection 2.0</b>	Human/Vehic le 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;
<b>Perimeter Protection</b>	Human/Vehic le Analysis	Up to 2-ch
<b>Recording</b>	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/VGA/WD1/4CIF/CIF
	Frame Rate	Main stream: When 1080p Lite mode not enabled: For 3K stream access: 3K Lite@12 fps; 4 MP Lite/1080p@15 fps; 720p/WD1/4CIF/VGA/CIF@20 fps For 5 MP stream access: 5 MP Lite@12fps; 4 MP Lite/1080p@15 fps; 720p/WD1/4CIF/VGA/CIF@20 fps For 4 MP stream access: 4 MP Lite/1080p@15 fps; 720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; 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: 3K Lite/5 MP Lite@12fps; 4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
	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.	

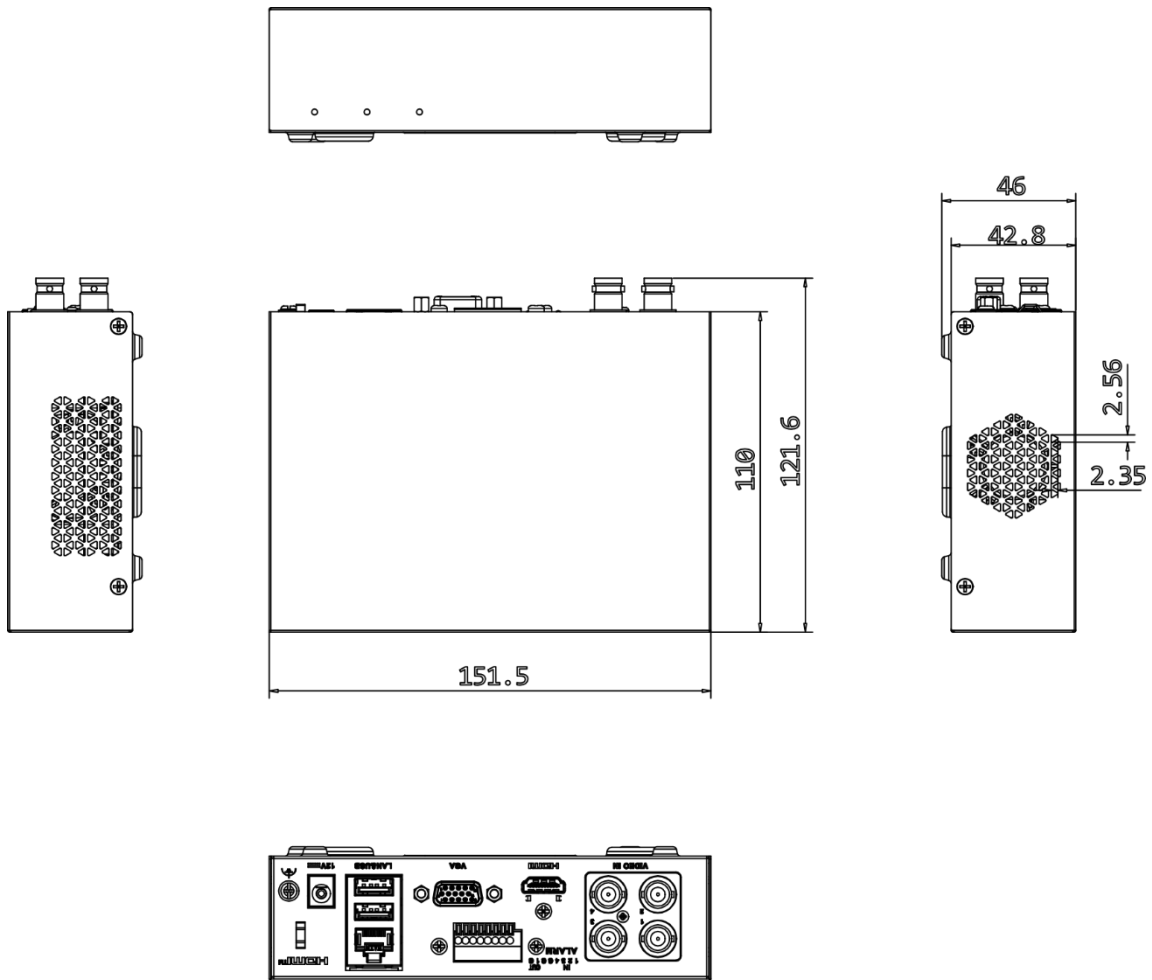
	Audio Compression	G.711u
	Audio Bitrate	64 Kbps
<b>Video and Audio</b>	IP Video Input	1-ch Up to 6 MP resolution Support H.265+/H.265 IP cameras
	Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVl Input	5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fsp, 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
	Video Output Mode	HDMI/VGA simultaneous output
	VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
	Audio Input	4-ch via coaxial cable
	Audio Output	1-ch via HDMI
	Synchronous playback	4-ch
	<b>Network</b>	Total Bandwidth
Remote Connection		32
Network Protocol		TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS
Network Interface		1, RJ45 10/100 Mbps self-adaptive Ethernet interface
<b>Auxiliary Interface</b>	Capacity	Built-in 512 GB eSSD (480 GB available) Note: The device can store about 2 weeks videos for 4-ch analog cameras (default parameters), this estimation is for reference only.
	USB Interface	Rear panel: 2 × USB 2.0
	Alarm In/Out	OPTIONAL 4/1
<b>General</b>	Power Supply	12 VDC, 1 A

Consumption	≤ 5.4 W (with eSSD)
Working Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	151 × 121 × 46 mm (5.94 × 4.76 × 1.81 inch)
Weight	≤ 0.5 kg (with eSSD, 1.1 lb.)

## Dimension

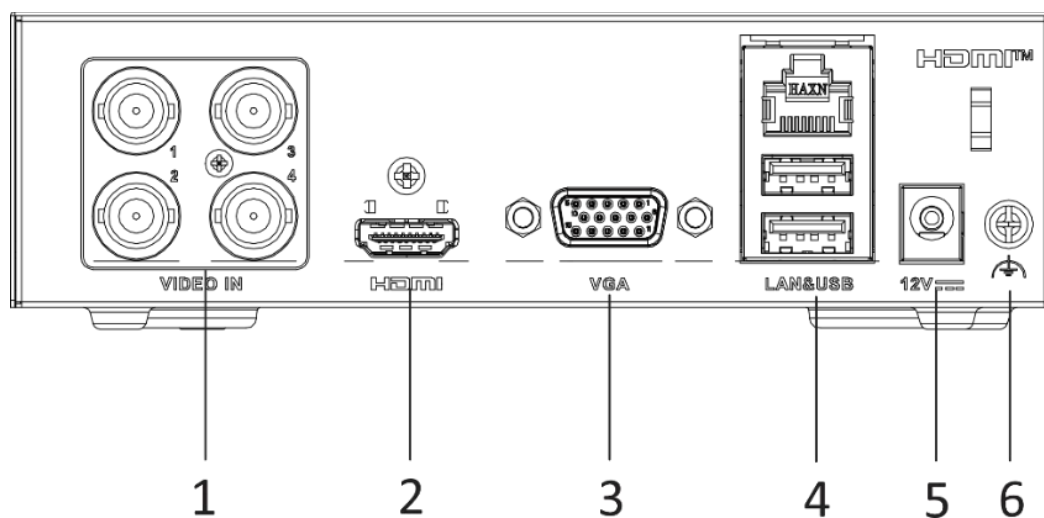


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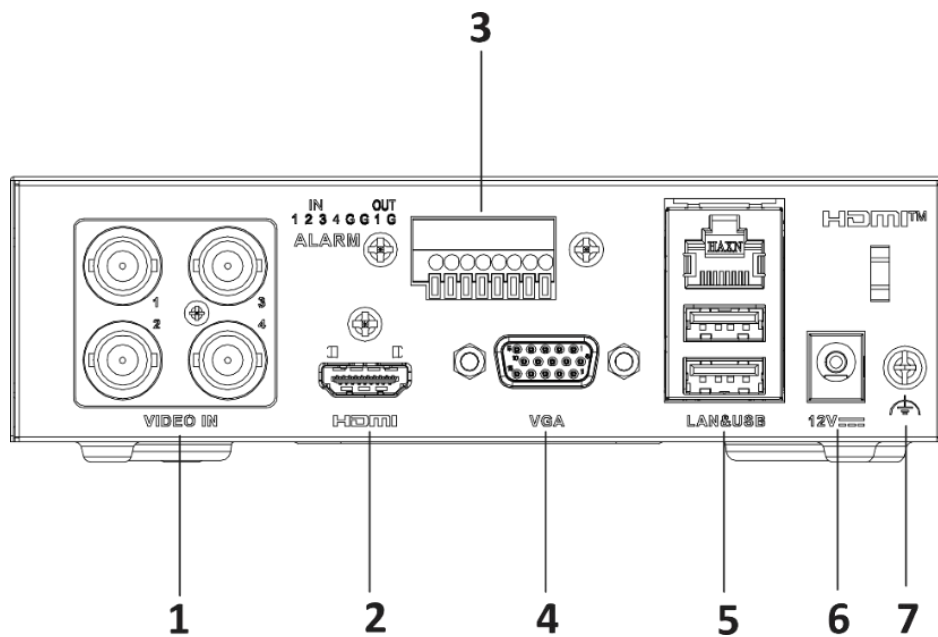


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## Physical Interface



No.	Description	No.	Description
1	Video and coaxial audio in	4	LAN network interface and USB interface
2	HDMI interface	5	Power supply
3	VGA interface	6	GND



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1	Video and coaxial audio in	5	LAN network interface and USB interface
2	HDMI interface	6	Power supply
3	Alarm in and out	7	GND
4	VGA interface		

### Available Model

DS-E04HGHI-XD

iDS-E04HQHI-XB/报警 4/1

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