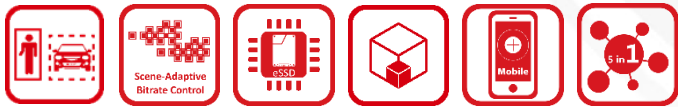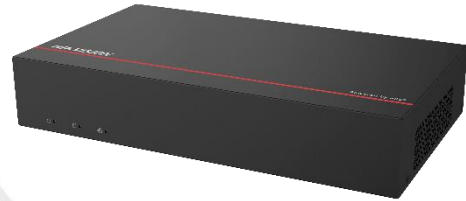# DS-E16HGHI-XB
16-ch 1080p Lite 1U H.265 eSSD DVR

Key Feature

- Powered by M-SATA eSSD technology
- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- Scene-adaptive bitrate control video compression
- Up to 1080p Lite@15 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 2 MP Lite resolution
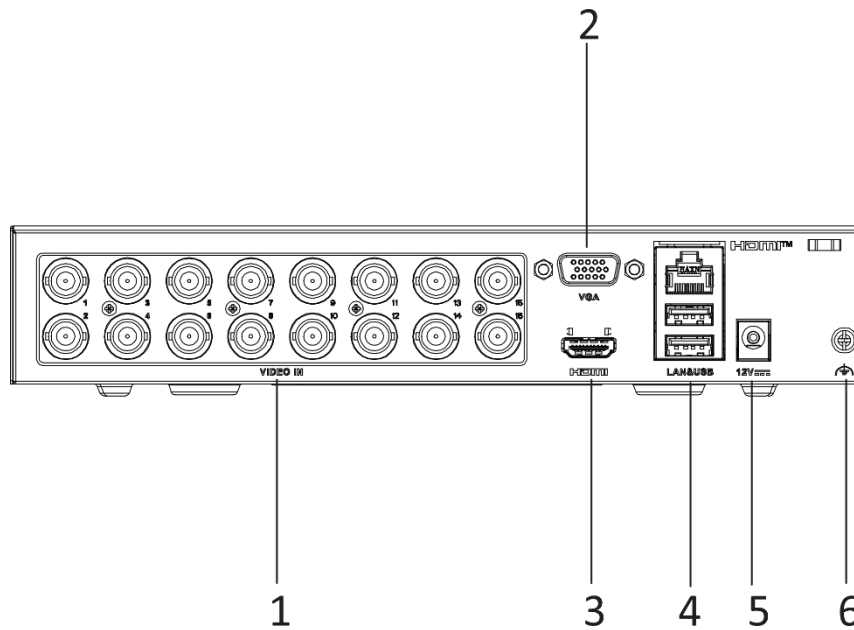
Smart Function

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

▪ Specification

Model		DS-E16HGHI-XB
Motion Detection 2.0	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;
Recording	Video Compression	H.265 Pro/H.265
	Encoding Resolution	1080p Lite/720p/720p Lite/WD1/4CIF/CIF/QVGA
	Frame Rate	Main stream: 1080p Lite/720p/WD1/4CIF@25 fps (P)/30 fps (N) Note: 1080p Lite/720p is 15 fps by default Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15 fps
	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
Video and Audio	IP Video Input	2-ch Up to 5 MP resolution Support H.265+/H.265 IP cameras
	Analog Video Input	16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI Input	1080p25, 1080p30, 720p25, 720p30
	AHD Input	1080p25, 1080p30, 720p25, 720p30
	HDCVI Input	1080p25, 1080p30, 720p25, 720p30
	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

Network	Video Output Mode	HDMI/VGA simultaneous output
	Audio Input	16-ch via coaxial cable
	Audio Output	1-ch via HDMI
	Synchronous Playback	16-ch
Network	Total Bandwidth	96 Mbps Incoming bandwidth: 8 Mbps
	Network Protocol	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, UPnP™, HTTPS
	Remote Connection	128
	Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Auxiliary Interface	Capacity	Built-in 1024 GB eSSD (960 GB available) Note: The device can store about 2 weeks videos for 16-ch analog cameras (default parameters), this estimation is for reference only.
	Alarm In/Out	N/A
	USB Interface	Rear panel: 2 × USB 2.0
General	Power Supply	12 VDC, 1 A
	Consumption	≤ 9.5 W (with eSSD)
	Working Temperature	-10 °C to 45 °C (14 °F to 113 °F)
	Working Humidity	10% to 90%
	Dimension (W × D × H)	235 × 146.6 × 46.6 mm (9.25 × 5.77 × 1.83 inch)
	Weight	≤ 0.8 kg (with eSSD, 1.1 lb.)

Dimension

46.6
43.4
2.56
2.34

135
146.6
235

scale/
1:1;Unit/mm

Physical Interface

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

Available Model

DS-E16HGHI-XB

Follow us on social media to get the latest product and solution information.

in Hikvision   f HikvisionHQ   Twitter HikvisionHQ   Hikvision_Global   YouTube Hikvision Corporate Channel   hikvisionhq