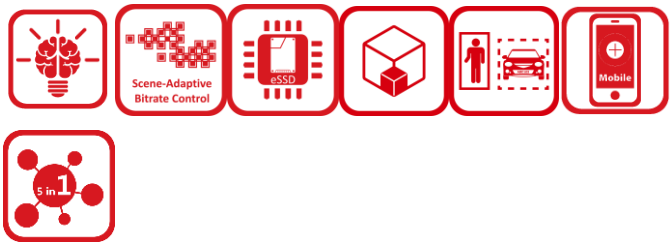
iDS-E04HUHI-XB
4-ch 5MP 1U H.265 eSSD AcuSense DVR





- 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 8 MP@8 fps encoding capability
- Low power consumption
- Audio via coaxial cable

▪ Function

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 5 MP resolution

Smart Function

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

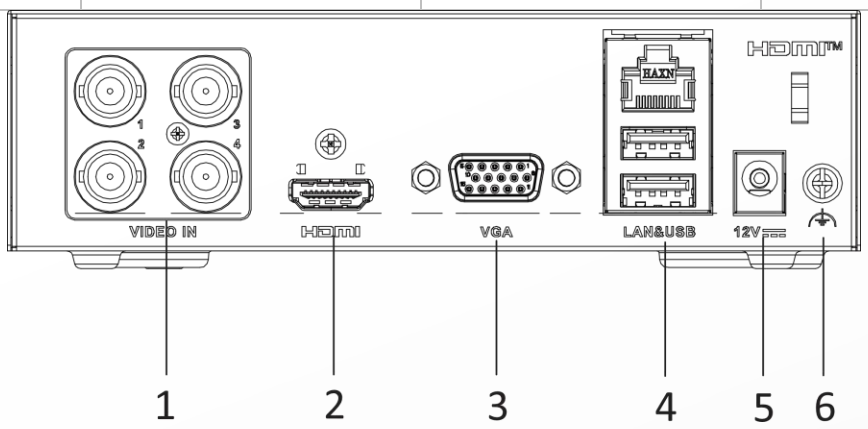
▪ Specification

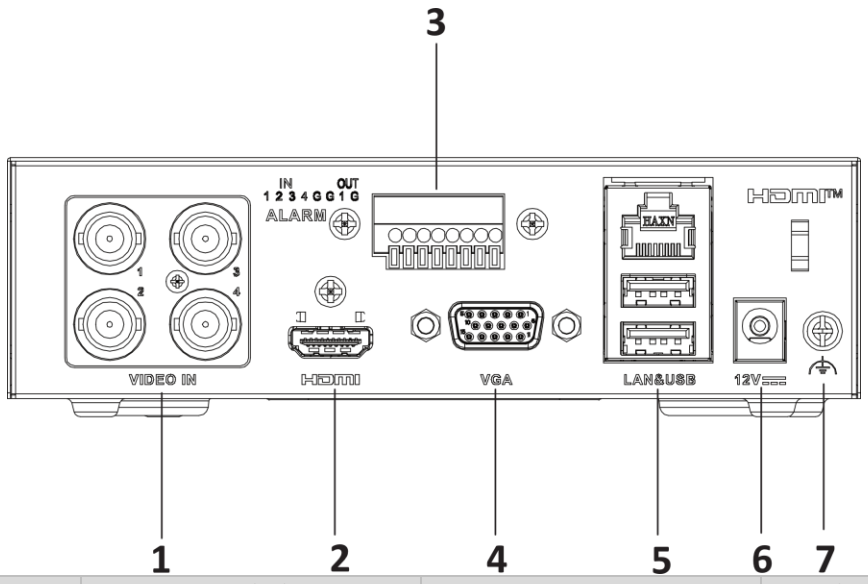
Motion Detection 2.0	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Perimeter Protection	
Human/Vehicle Analysis	Up to 4-ch
Video and Audio	
IP Video Input	2-ch Up to 8 MP resolution Support H.265 IP cameras
Analog Video Input	4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	8 MP@15 fps, 8 MP@12.5 fps, 3K@20 fps, 5 MP@20 fps, 5 MP@12.5 fps, 4 MP@30 fps, 4 MP@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps, 720p50, 720p60
AHD Input	5 MP@20 fps, 4 MP@30 fps, 4 MP@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps
HDCVI Input	8 MP@15 fps, 8 MP@12 fps, 5 MP@20 fps, 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, 2K (2560 × 1440)/60Hz, 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
Recording	
Video Compression	H.265 Pro/H.265
Encoding Resolution	8 MP/5 MP/3K/4 MP/3 MP/1080p/720p/WD1/4CIF/CIF
Frame Rate	Main stream: 8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1. Sub-stream: WD1/4CIF/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
Network	
Total Bandwidth	96 Mbps Incoming bandwidth: 8 Mbps
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
Auxiliary Interface	
Capacity	Built-in 1024 GB eSSD (960 GB available) Note: M-SATA interface, capable of plugging and upgrading capacity. The device can store about 2 weeks videos for 4-ch analog cameras (default parameters), this estimation is for reference only
Alarm In/Out	OPTIONAL 4/1
USB Interface	Rear panel: 2 × USB 2.0
General	
Power Supply	12 VDC, 1 A
Consumption	≤ 7.5 W (with eSSD)
Working Temperature	-10 °C to 45 °C (14 °F to 113 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	152 × 113 × 46 mm(6.0 × 4.4 × 1.8 inch)
Weight	≤ 0.5 kg (with eSSD, 1.1 lb.)

▪ 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





No.	Description	No.	Description
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

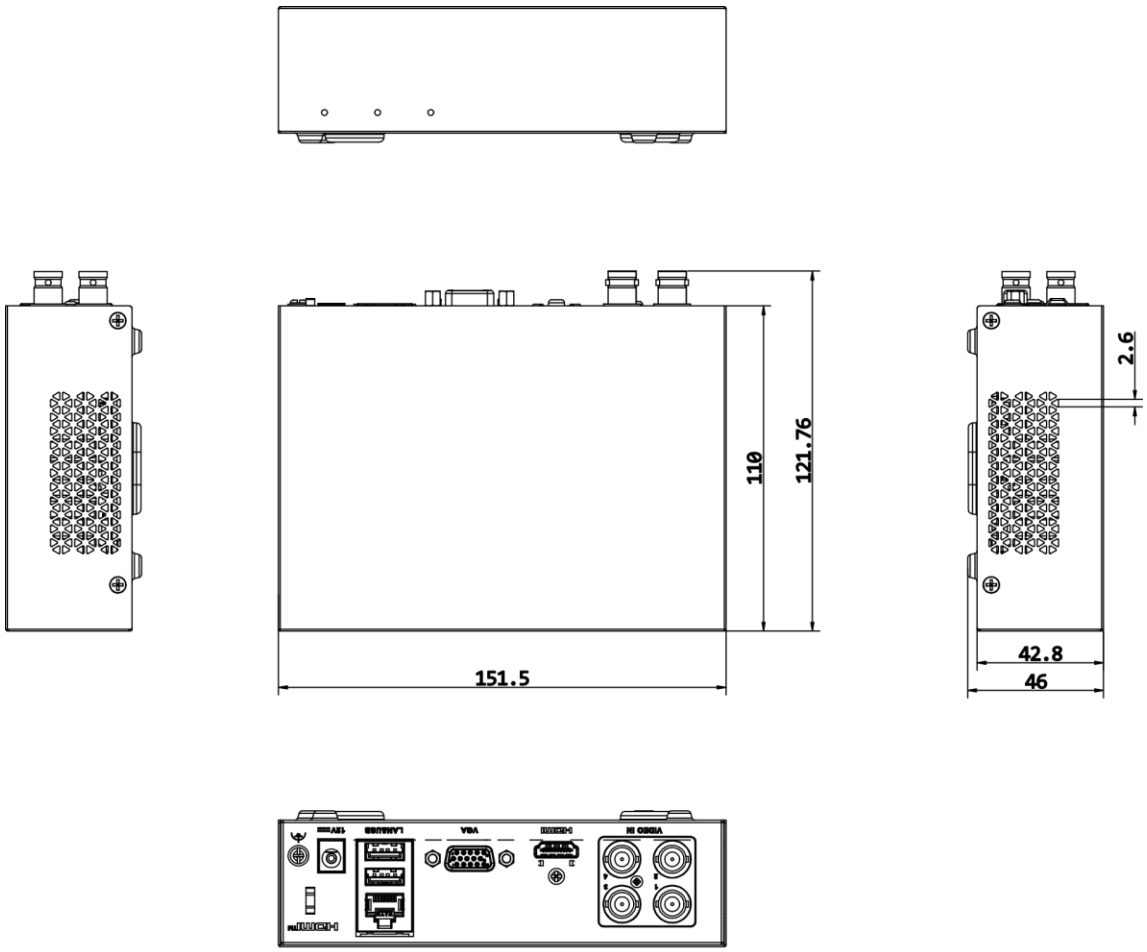
iDS-E04HUHI-XB(STD)

iDS-E04HUHI-XB(STD)+4/1 ALM

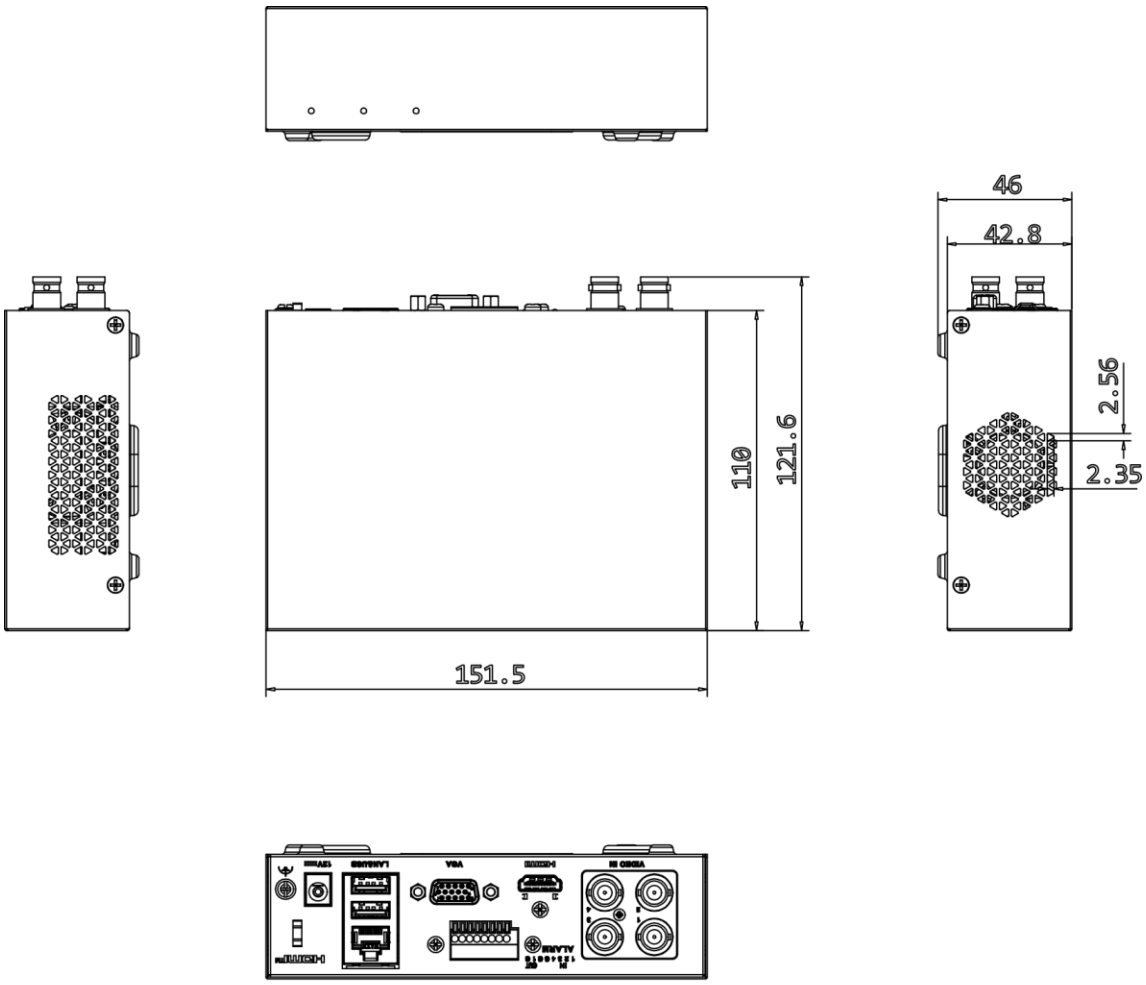
iDS-E04HUHI-XB(NEU)

iDS-E04HUHI-XB(NEU)+4/1 ALM

▪ Dimension



scale/1:1;Unit/mm



scale/1:1;Unit/mm

See Far, Go Further

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