

iDS-E04HUHI-XD

4-ch 5MP 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 8 MP@8 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 5 MP Lite resolution

Smart Function

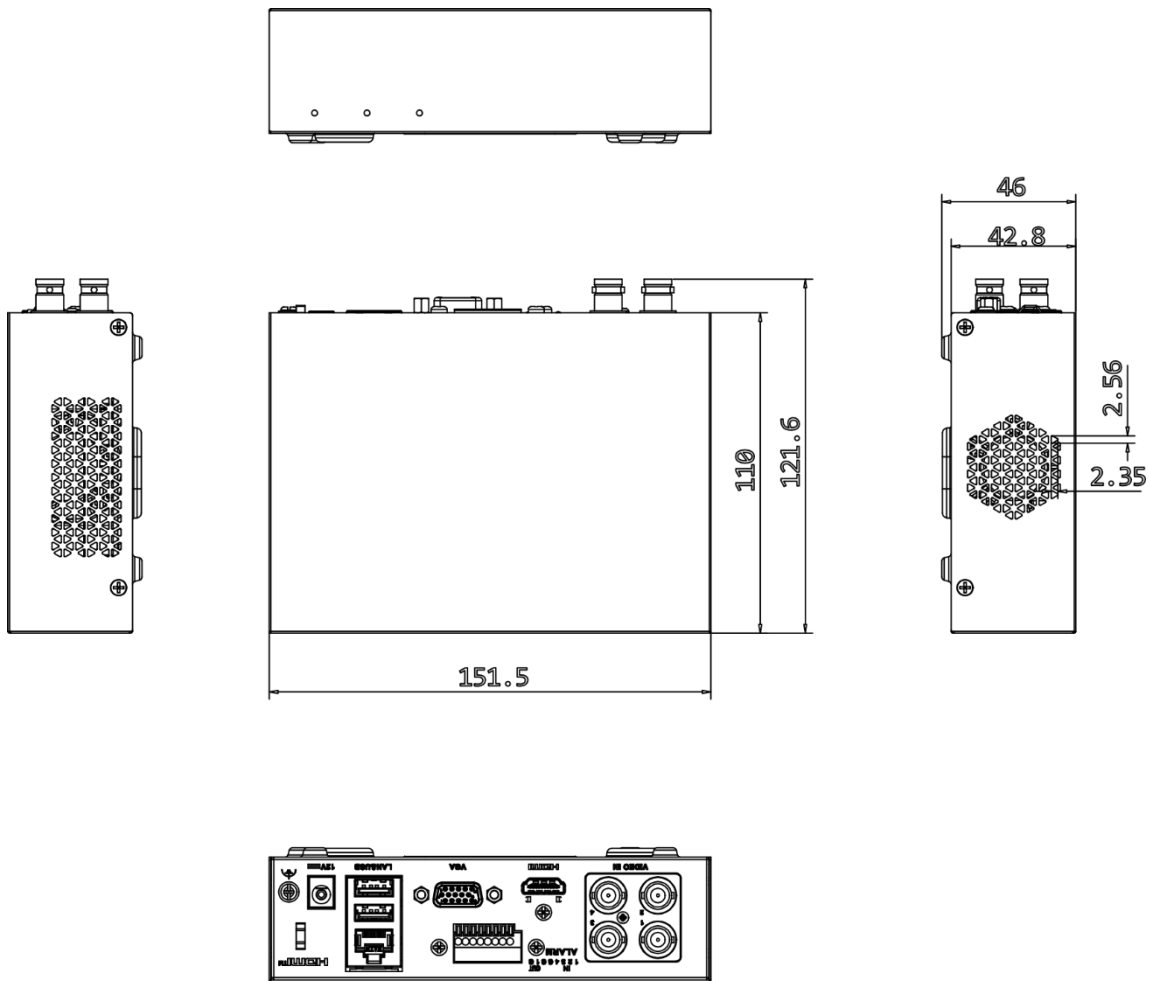
- Deep learning-based motion detection 2.0
- Deep learning-based perimeter protection
- Smart search for efficient playback

▪ Specification

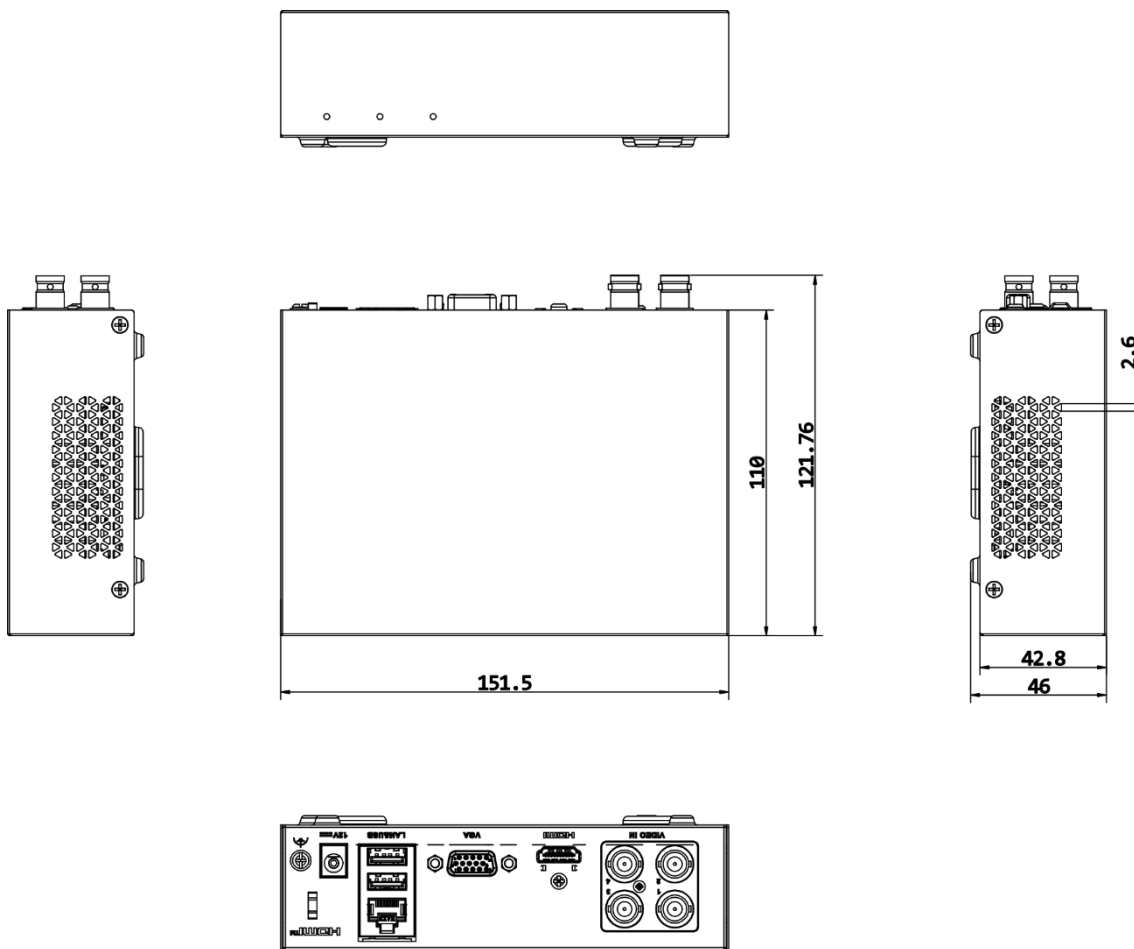
| Model | | iDS-E04HUHI-XD |
|-----------------------------|----------------------------|--|
| Motion Detection 2.0 | Human/Vehic le Analysis | Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported; |
| | Human/Vehic le Analysis | Up to 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 |
| | Video and Audio | IP Video Input |
| Analog Video Input | | 4-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection |
| HDTVl 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 |
| Network | Total Bandwidth | 96 Mbps |
| | Remote Connection | Incoming bandwidth: 8 Mbps 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 2048 GB eSSD (1920 GB available) Note: The device can store about 4 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) | 151 × 121 × 46 mm (5.94 × 4.76 × 1.81 inch) |
| | Weight | ≤ 0.5 kg (with eSSD, 1.1 lb.) |

Dimension

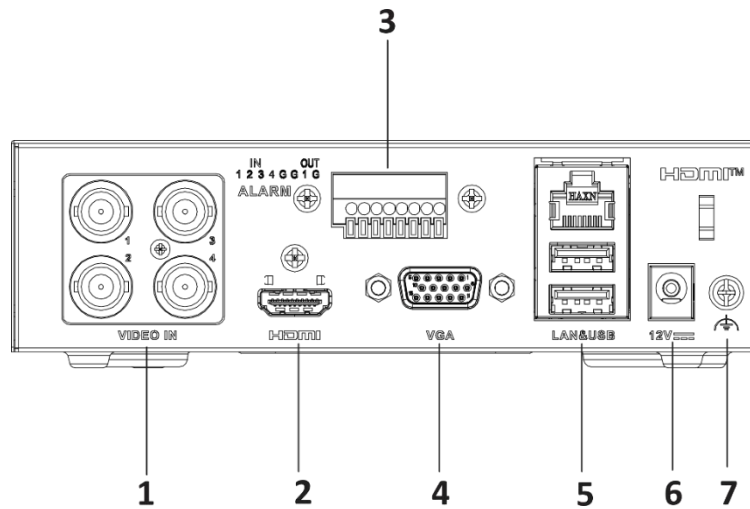


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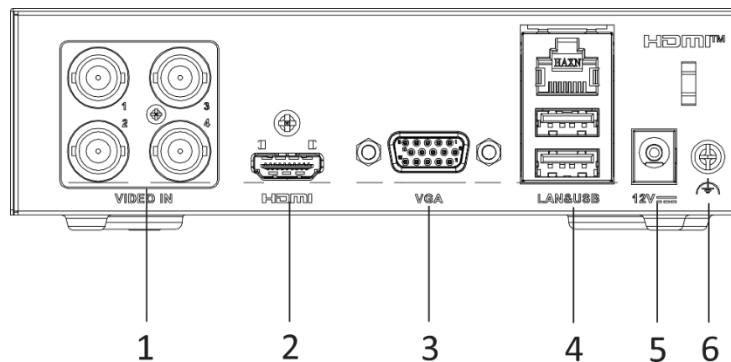


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Physical Interface



| No. | Description | No. | Description |
|-----|----------------------------|-----|---|
| 1 | Video and coaxial audio in | 5 | LAN network interface and USB interface |
| 2 | HDMI interface | 6 | Power supply |
| 3 | Alarm in and out | 7 | GND |
| 4 | VGA interface | | |



| No. | Description | No. | Description |
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Available Model

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iDS-E04HUHI-XD/报警 4/1

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