DS-E04NI-Q1
SSD NVR

Key Feature



- Powered by eSSD technology
- Low power consumption
- H.265+/H.265/H.264+/H.264 video compression
- Up to 40 Mbps incoming bandwidth, and 60 Mbps outgoing bandwidth
- Up to 4-ch network camera inputs
- Up to 4-ch 1080p decoding capability



Built-in SSD

- SSD 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

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel recording at up to 4 MP resolution

Storage and Playback

- 2-ch@4 MP or 4-ch@1080p playback resolution

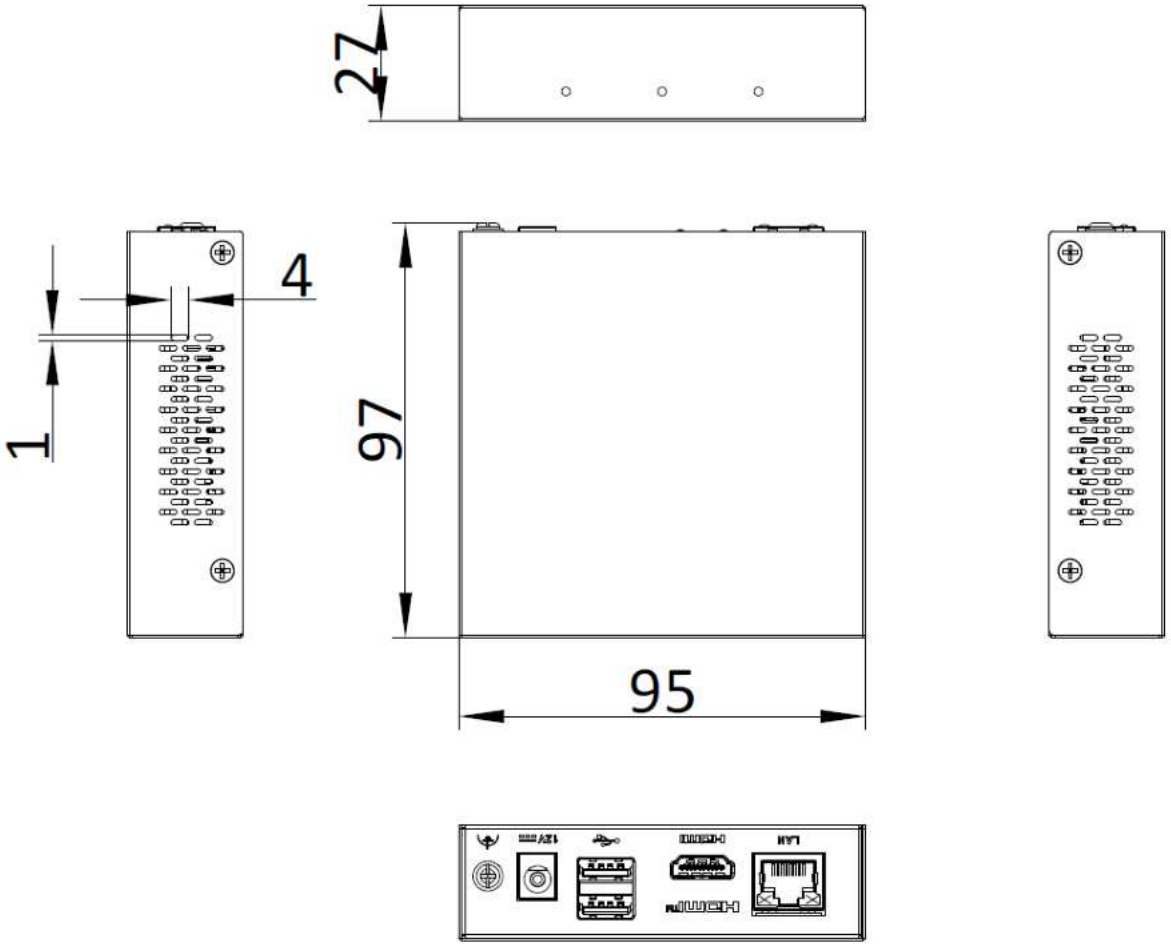
Network & Ethernet Access

- 1 self-adaptive 10/100 Mbps Ethernet interface
- Hik-Connect for easy network management

▪ Specification

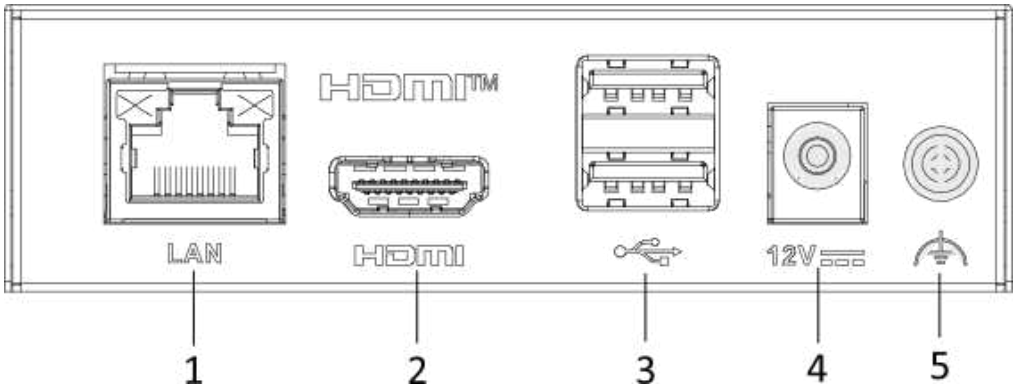
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	60 Mbps
HDMI Output	1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz
Decoding	
Decoding Format	H.265,Smart265,H.264,Smart264
Recording Resolution	4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch
Decoding Capability	4-ch@1080p (25 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726
Network	
Remote Connection	128-ch
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network Interface	1, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Auxiliary Interface	
Capacity	DS-E04NI-Q1(SSD 1T): 1TB SSD (pre-installed) DS-E04NI-Q1(SSD 2T): 2TB SSD (pre-installed)
USB Interface	Rear panel: 2 × USB 2.0
General	
Power Supply	12 VDC, 1A
Consumption	≤ 10 W (with SSD)
Working Temperature	DS-E04NI-Q1(SSD 1T): -10 °C to 45 °C (14 °F to 113 °F) DS-E04NI-Q1(SSD 2T): -10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	95 × 97 × 27 mm (3.7" × 3.8" × 1.1")
Weight	≤ 0.5 kg
Certification	
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

- **Dimension**



scale/1:1;Unit/mm

▪ Physical Interface



No.	Description	No.	Description
1	LAN network interface	4	Power supply
2	HDMI interface	5	GND
3	USB interfaces		

▪ Available Model

DS-E04NI-Q1(SSD 1T)

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DS-E08NI-Q1
SSD NVR

Key Feature



- Powered by eSSD technology
- Low power consumption
- H.265+/H.265/H.264+/H.264 video compression
- Up to 60 Mbps incoming bandwidth, and 60 Mbps outgoing bandwidth
- Up to 8-ch network camera inputs
- Up to 4-ch 1080p decoding capability



Built-in SSD

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

Easy Installation

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Compression and Recording

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Storage and Playback

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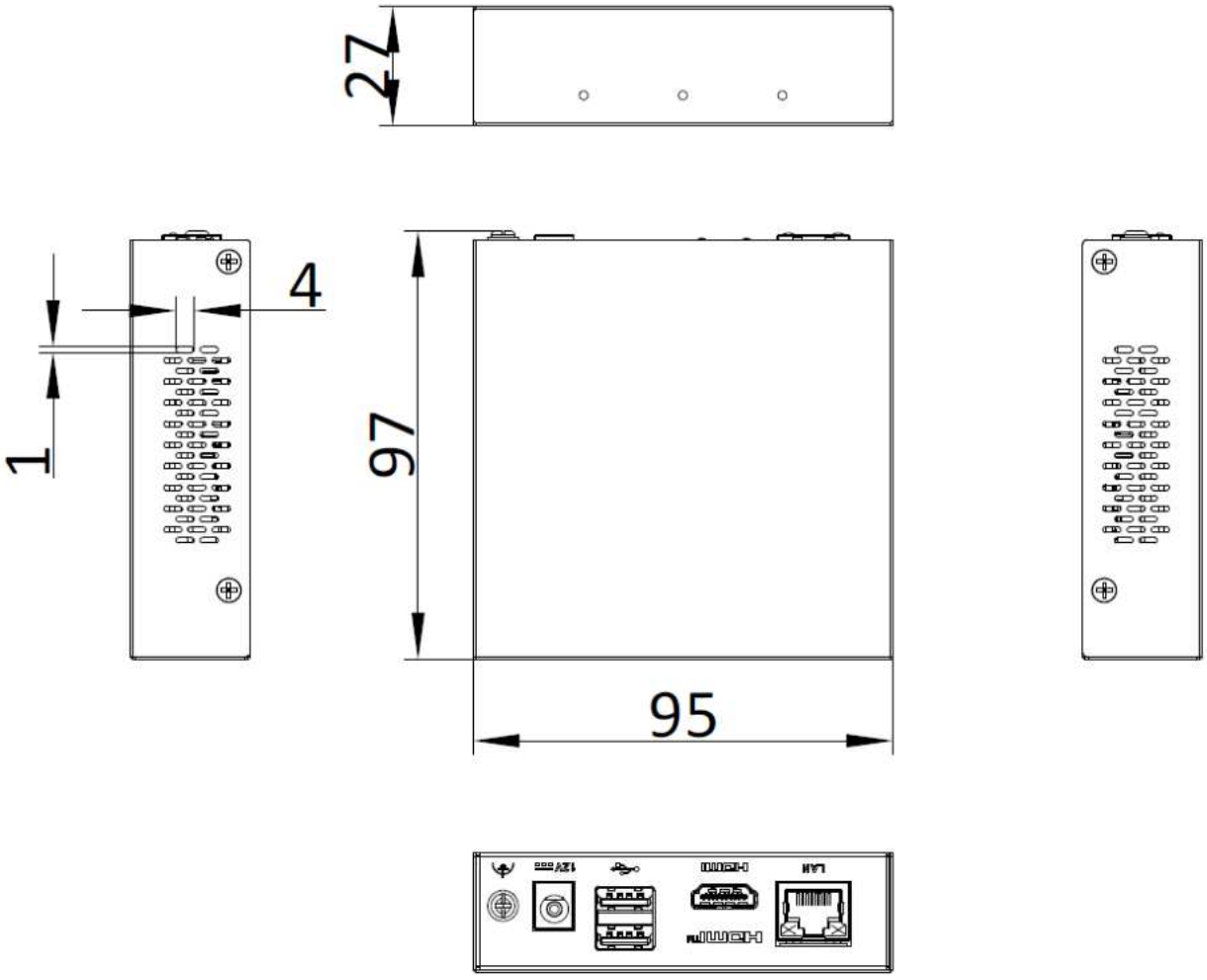
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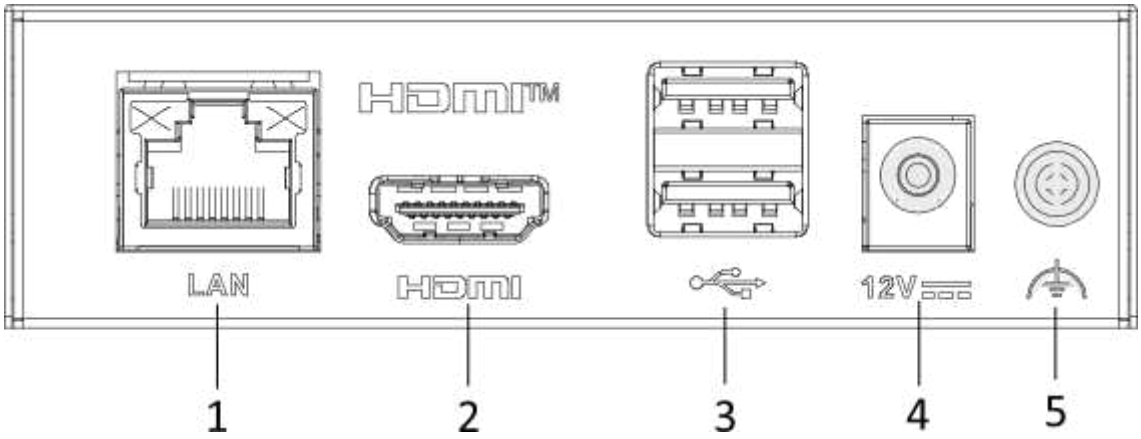
Video and Audio	
IP Video Input	8-ch
Incoming Bandwidth	60 Mbps
Outgoing Bandwidth	60 Mbps
HDMI Output	1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz
Decoding	
Decoding Format	H.265,Smart265,H.264,Smart264
Recording Resolution	4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch
Decoding Capability	4-ch@1080p (25 fps)
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