

DS-E08NI-Q1/8P 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

- 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

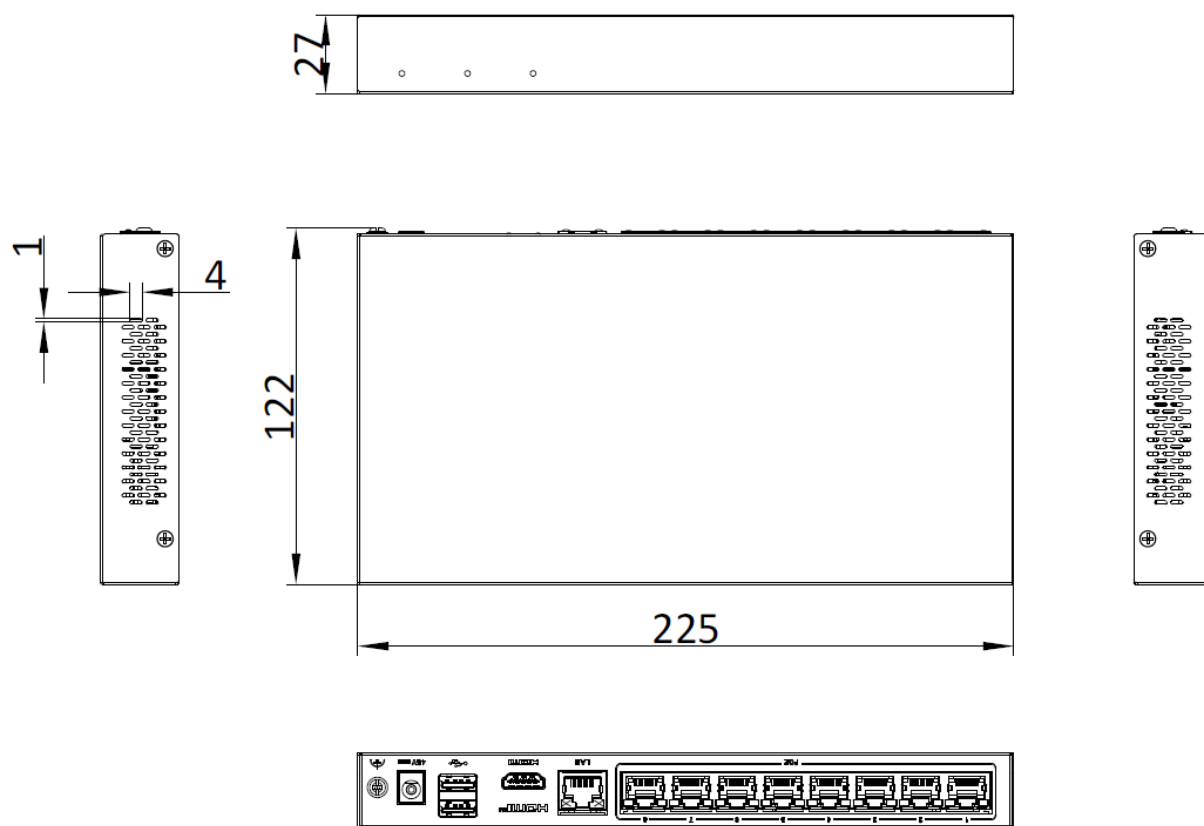
Network & Ethernet Access

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

▪ Specification

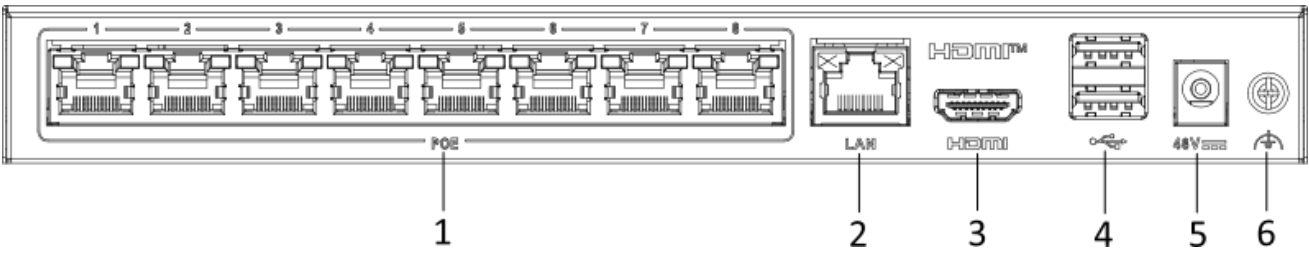
Video and Audio	
IP Video Input	8-ch
Incoming Bandwidth	60 Mbps
Outgoing Bandwidth	60 Mbps
HDMI Output	1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz, 1280×720/60Hz
Decoding	
Decoding Format	H.265, Smart265, H.264, Smart264
Recording Resolution	4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	4-ch
Decoding Capability	4-ch@1080p (25 fps)
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
PoE	
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 58 W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
Capacity	DS-E08NI-Q1/8P(SSD 1T): 1TB SSD (pre-installed) DS-E08NI-Q1/8P(SSD 2T): 2TB SSD (pre-installed)
USB Interface	Rear panel: 2 × USB 2.0
General	
Power Supply	48VDC, 1.36A
Consumption	≤ 10 W (with SSD)
Working Temperature	DS-E08NI-Q1/8P(SSD 1T): -10 °C to 45 °C (14 °F to 113 °F) DS-E08NI-Q1/8P(SSD 2T): -10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	225 × 122 × 27 mm (8.9" × 4.8" × 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	Network interfaces with PoE function	4	USB interface
2	LAN interface	5	Power supply
3	HDMI interface	6	GND

Available Model

DS-E08NI-Q1/8P(SSD 1T)

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DS-2CD1343G0-I(UF) 4 MP Fixed Turret Network Camera



- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- -UF: Built-in microphone for real-time audio security
- -UF: Support up to 256 GB SD card storage

▪ Specification

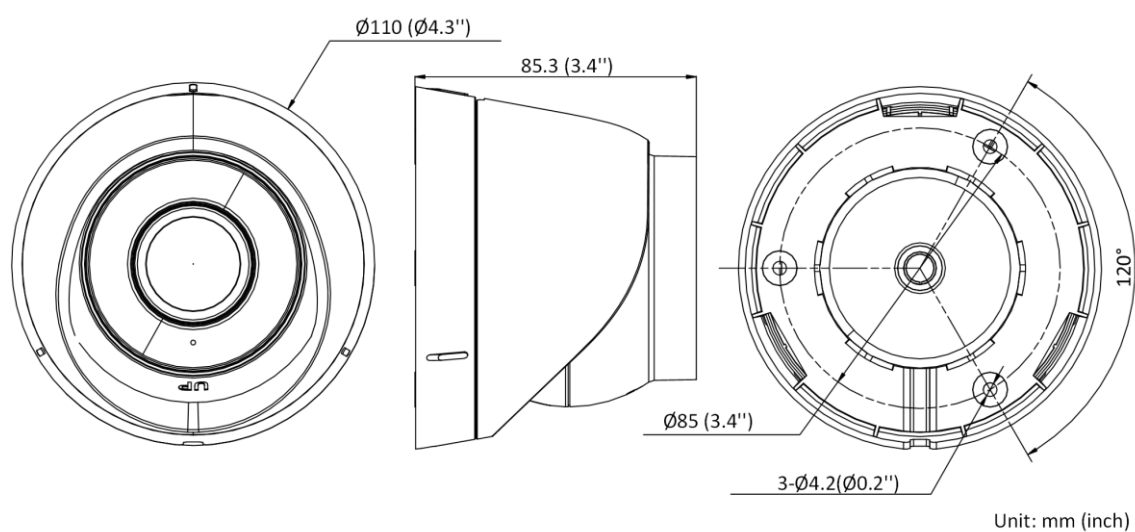
Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal length, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7° 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Compression	-UF: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	-UF: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)
Audio Sampling Rate	-UF: 8 kHz/16 kHz
Environment Noise Filtering	-UF: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI

User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-UF: Built-in memory card slot, support microSD card, up to 256 GB
Built-in Microphone	-UF: Yes
Reset Key	-UF: Yes
Event	
Basic Event	Motion detection, video tampering, exception
Linkage	Upload to FTP, notify surveillance center, send email -UF also supports: upload to memory card, trigger recording, trigger capture
General	
Power	12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Dimension	$\varnothing$ 110 mm $\times$ 85.3 mm ($\varnothing$ 4.3" $\times$ 3.4")
Package Dimension	150 mm $\times$ 150 mm $\times$ 141 mm (5.9" $\times$ 5.9" $\times$ 5.6")
Weight	Approx. 320 g (0.7 lb.)
With Package Weight	Approx. 556 g (1.2 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

DS-2CD1343G0-I(2.8mm)(C)
DS-2CD1343G0-I(4mm)(C)
DS-2CD1343G0-IUF(2.8mm)(C)
DS-2CD1343G0-IUF(4mm)(C)

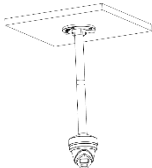
▪ Dimension



▪ Accessory

▪ Optional

DS-1272ZJ-110-TRS Wall mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-S Junction box	DS-1281ZJ-S Inclined ceiling mount

DS-1280ZJ-TR13 Junction box	DS-1271ZJ-110-TRS DS-1271ZJ-110-TRS
	
	

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