DS-2XC3386G0H-LI(S)(U) (PA)
Polymer 8MP Anti-Corrosion Fixed Turret

Hikvision has been dedicated to develop products with security since established.

Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection.

In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 8 MP resolution

- Smart Dual-Light: advanced technology with long range

- Clear imaging against strong back light due to 120 dB WDR technology

- Efficient H.265+ compression technology

- -U: Built-in microphone for real-time audio security

- Focus on human and vehicle classification based on deep learning

- Water and dust resistant (IP68)

# Specification

Model		DS-2XC3386G0H-LI(S)(U) (PA)
Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Max. Resolution	3840 × 2160
	Min. Illumination	Color: 0.002　Lux @ (F1.2, AGC ON),0 Lux with light,B/W: 0.0002　Lux @ (F1.2, AGC ON),B/W: 0 Lux with IR
	Shutter Time	1/3 s to 1/100,000 s
	Day & Night	IR cut filter
Lens	Lens Type	Fixed focal lens, 2.8 and 4 mm optional
	Focal Length & FOV	2.8 mm, horizontal FOV 108.8°, vertical FOV 56.4°, diagonal FOV 134.3° 4 mm, horizontal FOV 93.3°, vertical FOV 47.2°, diagonal FOV 114.2°
	Lens Mount	M16
	Iris Type	Fixed
	Aperture	F1.0
	Depth of Field	2.8 mm: 3.3 m to ∞ 4 mm: 3.8 m to ∞
DORI	DORI	2.8 mm, D: 89.2 m, O: 35.4 m, R: 17.8 m, I: 8.9 m 4 mm, D: 100 m, O: 39.7 m, R: 20 m, I: 10 m
Illuminator	Supplement Light Type	IR,White Light
	Supplement Light Range	Up to 30 m
	IR Wavelength	850 nm
Video	Main Stream	50 Hz: 20 fps (3840 × 2160, 3072 ×1728, 2560 ×1440, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160, 3072 ×1728, 2560 ×1440, 1920 × 1080, 1280 × 720)
	Sub-Stream	50 Hz: 20 fps (704 × 576, 640 × 480) 60 Hz: 24 fps (704 × 480, 640 × 480)
	Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
	Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)
	Video Compression	Main stream: H.264/H.264+/H.265/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG
	Video Bit Rate	32 Kbps to 16 Mbps
	H.264 Type	Baseline Profile,Main Profile,High Profile
	H.265 Type	Main Profile
	Bit Rate Control	CBR,VBR
	Scalable Video Coding (SVC)	H.264 and H.265 encoding
	Region of Interest (ROI)	5 fixed regions for main stream

	Target Cropping	Yes
Audio	Audio Type	Mono sound
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
	Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
	Environment Noise Filtering	Yes
Network	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP, WebSocket, WebSockets, RTCP
	Simultaneous Live View	Up to 20 channels
	API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
	User/Host	Up to 32 users 3 user levels: administrator, operator, and user
	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, TLS1.2, TPM 2.0(FIPS 140-2 level 2)
	Network Storage	NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR)
	Client	iVMS-4200, Hik-Connect, Hik-Central
	Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	Image Parameters Switch	Yes
	Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
	Day/Night Switch	Day,Night,Auto,Schedule,Alarm Trigger
	Wide Dynamic Range (WDR)	120 dB
	SNR	≥ 52 dB
	Image Enhancement	BLC,HLC,3D DNR,Distortion Correction
	Privacy Mask	8 programmable polygon privacy masks
Interface	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
	Built-in Microphone	-U: Yes,1 built-in microphone

Event	Audio	-S: Yes,1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
	Alarm	-S: Yes,1 input, 1 output (max. 24 VDC, 1 A)
	RS-485	No
	Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error),alarm input and output
	Smart Event	Unattended baggage detection, object removal detection,scene change detection,audio exception detection,defocus detection
	Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger alarm output,trigger recording,audible warning
Deep Learning Function	Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
	Face Capture	Detects up to 10 faces simultaneously, Supports swing left and right from -60° to -60°, tilt up and down from -30° to -30°, Uploads face with background and closed-up face pictures
	People Counting	Yes
	Queue Management	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 2 detection modes: regional people queuing-up, waiting time detection Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue Supports raw data export for further analysis Supports real-time data uploading and scheduled data uploading Regional people queuing-up: supports 4 alarm trigger conditions, including greater than threshold, less than threshold, equal to threshold, not equal to threshold Waiting time detection: supports 1 alarm trigger condition, including greater than threshold
	Regional People Counting	Supports up to 8 detection regions, and independent arming schedule and linkage method Supports 3 detection modes: people density detection, number of people exception detection, waiting time exception detection Supports parameter settings: alarm times per exception, alarm interval, first alarm delay Supports searching real-time number of people People density detection: supports scheduled uploading, number of people change uploading, congestion level uploading Number of people exception detection: supports 6 alarm trigger conditions, including greater than threshold A, less than threshold A, equal to threshold A, not equal to threshold A, greater than threshold A and less than threshold B, less than threshold A or greater than threshold B (threshold A should be less than threshold B) Waiting time exception detection: supports 3 alarm trigger conditions, including greater than threshold A, less than threshold A, greater than threshold A and less than threshold B (threshold A should be less than threshold B)
General	Power	12 VDC ± 25%, 0.75 A, max. 9 W,two-core terminal block,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9.5 W
	Material	Polymer

	Dimension	138.63 mm × 138.63 mm × 132.74 mm (5.46" × 5.46" × 5.23")
	Package Dimension	452 mm × 235 mm × 272 mm (17.8" × 9.3" × 10.7")
	Weight	Approx. 670 g (1.48 lb.)
	With Package Weight	Approx. 1151 g (2.54 lb.)
	Storage Conditions	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉). Humidity 95% or less (non-condensing)
	Startup and Operating Conditions	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉). Humidity 95% or less (non-condensing)
	Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
	General Function	Heartbeat,mirror,flash log,password reset via email,pixel counter,anti-banding
	Cable Length	0.3 m (11.8 ft.)
Approval	EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, RCM: AS/NZS CISPR 32: 2015
	Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11: 2017
	Environment	CE-RoHS: 2011/65/EU
	Protection	IP68:IEC 60529-2013,IK10:IEC 62262:2002
	Anti-Corrosion Protection	NEMA 4X (NEMA 250-2018),C5

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has TOP-LEVEL PROTECTION.

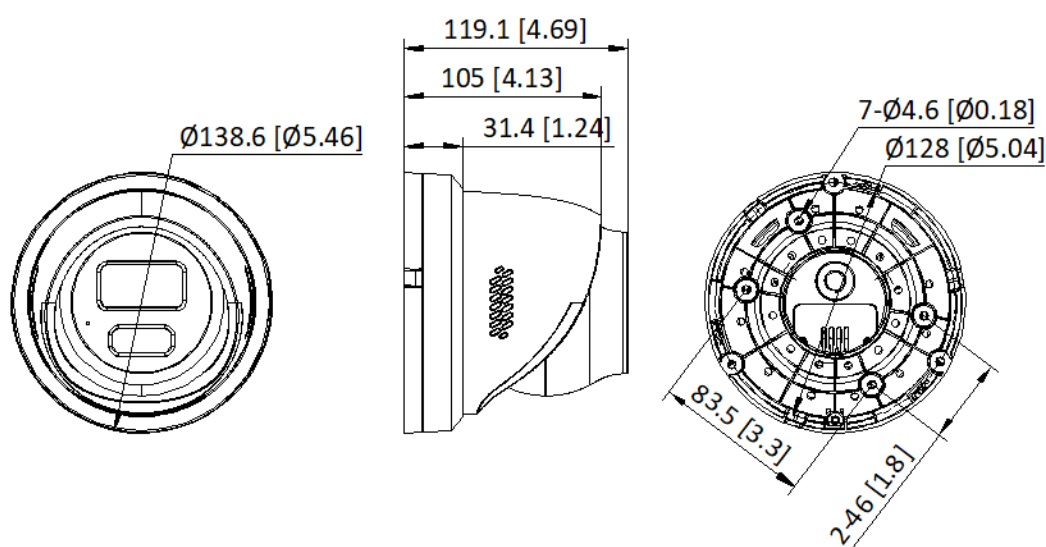| Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is

	needed.

▪ Available Model

DS-2XC3386G0H-LIS(PA)(2.8mm)

DS-2XC3386G0H-LIS(PA)(4mm)

DS-2XC3386G0H-LISU(PA)(2.8mm)

DS-2XC3386G0H-LISU(PA)(4mm)

▪ Dimension

Ø138.6 [Ø5.46]

119.1 [4.69]

105 [4.13]

31.4 [1.24]

7-Ø4.6 [Ø0.18]

Ø128 [Ø5.04]

83.5 [3.3]

2-46 [1.8]

Camera Mounting Hole (mm)	Camera Mounting Hole (inch)
Double Gang(4*φ4.6)	Double Gang(4*φ0.18'')
φ128(3*φ4.6)	φ5''(3*φ0.18'')

Unit: mm [inch]

SCALE	1:1

▪ Accessory

▪ Included

**DS-1280ZJ-DM55
(B)-428CPY
Polymer Junction
Box**

• **Optional**

DS-1258ZJ-L-428CPY Polymer Anti-corrosion Wall Bracket

See Far, Go Further

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