DS-2XC6046G0-LIS(316L)
316L 4MP Anti-corrosion Fixed Bullet

- 316L Stainless Steel Housing

- Water and dust resistant (IP68) and IK10 protection

- Supports 12 VDC power input and Power over Ethernet (PoE) technology

- Built-in hybrid light, 15m IR and 15m white light supplementation

- Excellent low-light performance via DarkFighter technology

▪ Specification

Model		DS-2XC6046G0-LIS(316L)
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Max. Resolution	2688 × 1520
	Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON),0 Lux with light,B/W: 0.002 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	Focal Length & FOV	2.8 mm, horizontal FOV 96°, vertical FOV 54°, diagonal FOV 111°
		4 mm, horizontal FOV 79°, vertical FOV 41°, diagonal FOV 94°
	Aperture	F1.6
Illuminator	Supplement Light Type	IR,White Light
	Supplement Light Range	IR: up to 15 m
		White Light: up to 15 m
	IR Wavelength	850 nm
Video	Main Stream	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
		60 Hz: 30 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
	Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)
		60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
	Video Compression	Main stream: H.265+/H.264/H.265/H.264+
		Sub-stream: MJPEG/H.264/H.265
		Third stream: H.264/H.265
	Video Bit Rate	32 Kbps to 16 Mbps
	H.264 Type	Baseline Profile,Main Profile,High Profile
	H.265 Type	Main Profile
	Scalable Video Coding (SVC)	H.264 and H.265 encoding
	Region of Interest (ROI)	1 fixed regions for each stream
Audio	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
	Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
	Audio Sampling Rate	8 kHz/16 kHz
	Environment Noise Filtering	Yes
Network	Protocols	UDP,HTTP,DDNS,RTSP,SSL/TLS,RTP,QoS,IPv4,PPPoE,SNMP,FTP,ICMP,HTTPS,DHCP,RTCP,NTP,WebSocket,TCP/IP,IGMP,WebSockets,802.1X,DNS,IPv6,UPnP
	Simultaneous Live View	Up to 6 channels
	API	ONVIF (Profile S, Profile G),ISAPI,SDK,ISUP
	User/Host	Up to 32 users

Image		3 user levels: administrator, operator, and user
	Security	TLS 1.2, complicated password, IP address filter, AES128/256, Password protection, watermark, basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, HTTPS encryption, TLS 1.3, security audit log, 802.1X authentication(EAP-MD5), WSSE and digest authentication for Open Network Video Interface, control timeout settings
	Client	iVMS-4200,Hik-Connect
	Web Browser	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 Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
	Day/Night Switch	Day,Night,Auto,Schedule
	Wide Dynamic Range (WDR)	120 dB
	Image Enhancement	BLC, HLC, 3D DNR
	Privacy Mask	4 programmable polygon privacy masks
	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format.
Interface	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
	On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB, *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.
	Audio	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	1 input, 1 output
	RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Event	Basic Event	Motion detection,video tampering alarm,alarm input and output,exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
	Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection,Scene change detection,audio exception detection,defocus detection
	Linkage	Upload to FTP/NAS/memory card,trigger alarm output,trigger recording,notify surveillance center,audible warning
Deep Learning Function	Perimeter Protection	Region exiting Support alarm triggering by specified target types (human and vehicle)
General	Power	12 VDC ± 10%, 0.42 A, max. 5 W, PoE: IEEE 802.3af, Class 3, max. 5 W
	Material	316L stainless steel
	Dimension	139.7 mm ×89 mm × 91 mm (5.5" × 3.5" × 3.58")
	Package Dimension	535 mm × 430 mm × 285 mm (21.06" × 16.93" × 11.22")

	Weight	Approx. 1095 g (2.41 lb.)
	With Package Weight	Approx. 1434 g (3.16 lb.)
	Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). 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 e-mail, pixel counter, anti-banding
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
	Safety	CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11: 2017
	Protection	IP68:IEC 60529-2013,IK10:IEC 62262:2002

▪ 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.
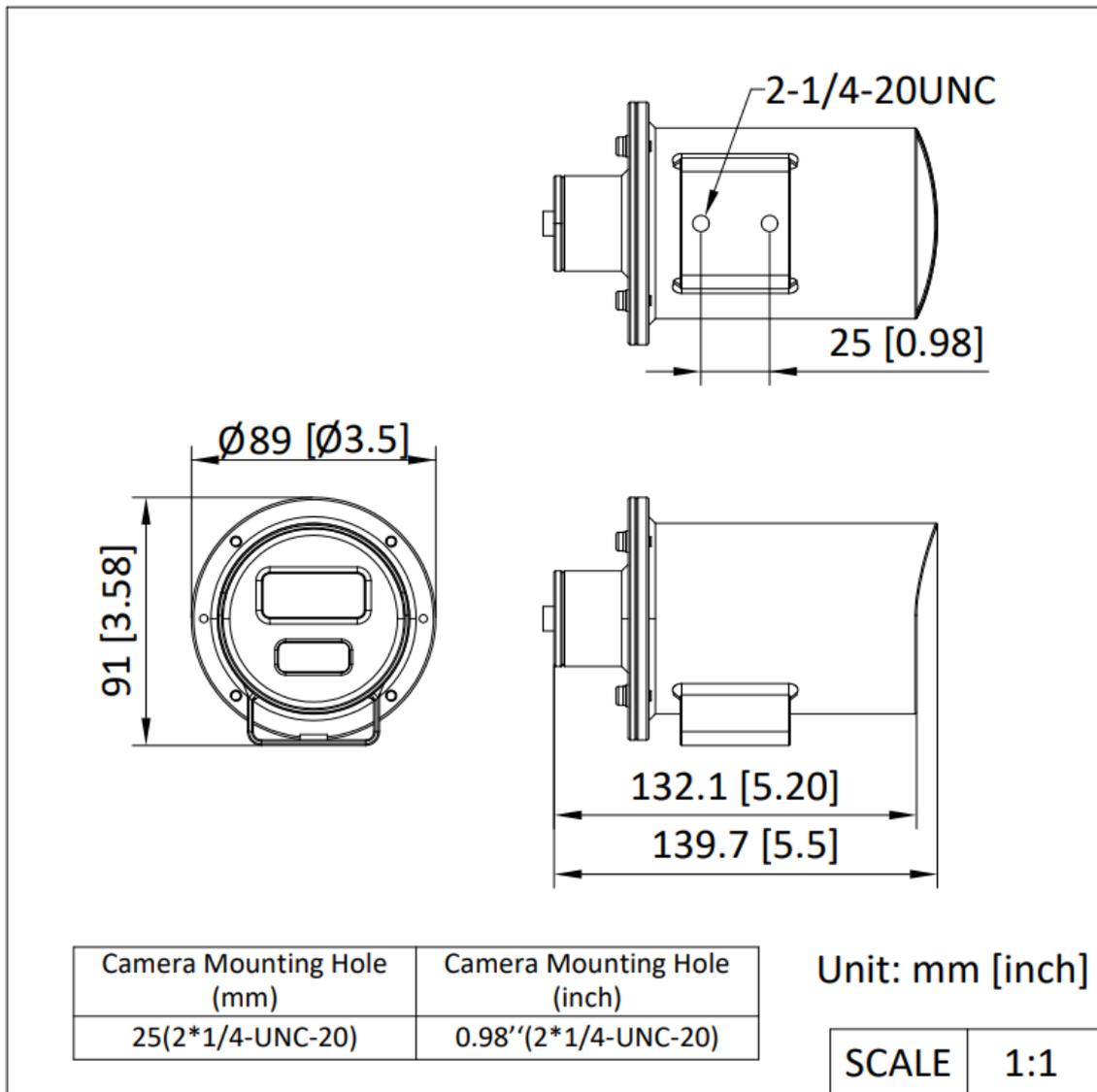
This model has TOP-LEVEL PROTECTION.

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-2XC6046G0-LIS(316L)(2.8mm)

DS-2XC6046G0-LIS(316L)(4mm)

▪ Dimension

2-1/4-20UNC

25 [0.98]

Ø89 [Ø3.5]

91 [3.58]

132.1 [5.20]

139.7 [5.5]

Camera Mounting Hole (mm)	Camera Mounting Hole (inch)
25(2*1/4-UNC-20)	0.98''(2*1/4-UNC-20)

Unit: mm [inch]

SCALE	1:1

▪ **Accessory**

▪ **Optional**

DS-1284ZJ-M-AC3(OS) 316L Anti-corrosion Junction Box	DS-4404ZJ-GY38SL YCardan 316L Wall Mount Bracket

See Far, Go Further

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