HIKVISION

DS-2XC6244G0-L
4 MP Underwater Network Camera

Dark Fighter

- 316L stainless steel enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras
- IP68: the camera can be used under water up to 15 meters

- H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements
- DarkFighter technology enables the capture of high quality color images in even the dimmest lighting environments
- True WDR technology provides clear imaging even with strong back lighting

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with Light
Shutter Time	1/3 s to 1/100,000 s
Lens	
Lens Type	Varifocal lens, 3 to 9 mm
Focal Length & FOV	3 to 9 mm, horizontal FOV 87° to 45.8°, vertical FOV 46° to 25.6°, diagonal FOV 104° to 52.4°
Aperture	F1.0
DORI	
DORI	Wide: D: 55.2 m, O: 21.9 m, R: 11.0 m, I: 5.5 m Tele: D: 124.1 m, O: 49.3 m, R: 24.8 m, I: 12.4 m
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 10 m
Video	
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 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)	5 fixed regions for each stream
Target Cropping	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI, ISUP 5.0
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Network Storage	NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE10, IE11 Local service: Chrome 57.0+, Firefox 52.0+

Image

Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, and 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, defog

Interface

Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card, support microSD/SDHC/SDXC card, up to 128 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.

Event

Basic Event	Motion detection, video tampering alarm, 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 Scene change detection, unattended baggage detection, object removal detection

General

Power	36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W
Material	SUS 316L Metal
Dimension	210 mm × 210 mm × 205 mm (8.3" × 8.3" × 8.1")
Package Dimension	700 mm × 530 mm × 365 mm (27.6" × 20.9" × 14.4")
Weight	Approx. 8.300 kg (18.38 lb.)
With Package Weight	Approx. 12.300 kg (27.12 lb.)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 100% 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, password protection, privacy mask, watermark, IP address filter, mirror
Cable Length	15 m (49.2 ft.) (included)

Approval

EMC	FCC: FCC-SDoC (ANSI C63.4, FCC Part15 sub B) CE: CE-EMC (EN 50130-4:2011+A1:2014, EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013) RCM: AS/NZS 60950.1:2003 + Am1, Am2 and Am3, AS/NZS CISPR 32:2015 IC: IC-VoC (ICES-003 Issue 7:2020) KC: KN 301489-1, KN 301489-17, RRA NOTICE 2017-14 (2017.12.05), RRA NOTICE 2017-19 (2017.12.28)

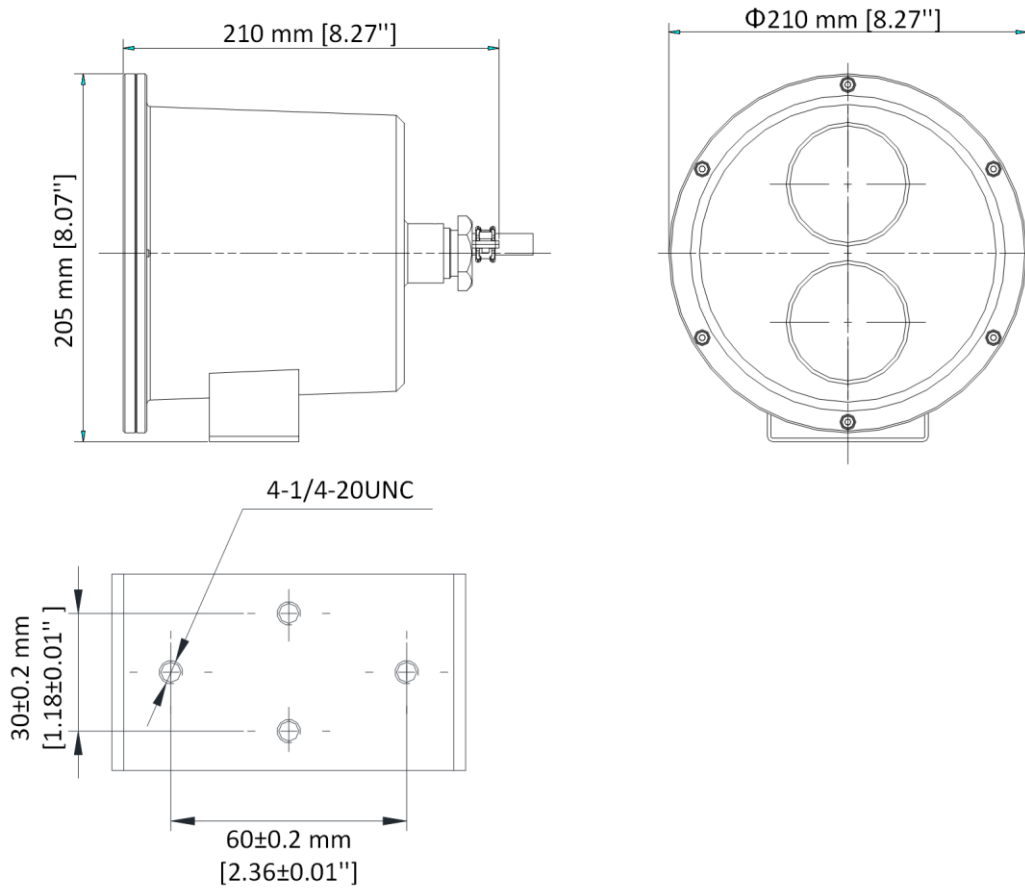| Safety | UL: UL 62368-1: 2014, CAN/CSA C22.2 No. 62368:2014 |
	CB: IEC 62368-1:2014
	BIS: IS 13252 (Part 1) 2010+A1:2013+A2:2015
	LOA: SANS IEC60950-1
Protection	IP68 (IEC 60529-2013)

▪ Available Model

DS-2XC6244G0-L (3 to 9 mm)

▪ 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 SPECIFIC 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.

▪ Dimension

210 mm [8.27"]

205 mm [8.07"]

Φ210 mm [8.27"]

4-1/4-20UNC

30±0.2 mm
[1.18±0.01"]

60±0.2 mm
[2.36±0.01"]

▪ Accessory

▪ Included

DS-1706ZJ-Y-AC(OS)

Wall Mount

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Distributed by

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