DS-2XC6685G0(D)
8 MP Anti-Corrosion Network Bullet Camera

3D DNR | **WDR** | **H.265+** | **IP67**

- 316L stainless steel enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras
- A built-in wiper removes water and dust on the screen and ensures clear images when the camera is used in dusty or damp environments
- IP67 water resistant, preventing water ingress for outdoor use
- H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements

▪ Specification

Camera	
Image Sensor	1/2" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.002 Lux @(F1.2, AGC ON), B/W: 0.0002 Lux @(F1.2, AGC ON), 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Lens	
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm and 8 to 32 mm optional
Focus	Auto, semi-auto, manual
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 94.8° to 38.2° 8 to 32 mm, horizontal FOV 41.8° to 14.9°
Aperture	2.8 to 12 mm: F1.4 8 to 32 mm: F1.4
DORI	
DORI	2.8 to 12 mm: D: 6.4 to 220 m, O: 25.4 to 87.3 m, R: 12.8 to 44 m, I: 6.4 to 22 m 8 to 32 mm: D: 218 to 580 m, O: 86.5 to 230 m, R: 43.6 to 116 m, I: 21.8 to 58 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	2.8 to 12 mm: 80 m, 8 to 32 mm: 150 m
Smart Supplement Light	Yes
IR Wavelength	Up to 850 nm
Video	

Main Stream	50 Hz: 20 fps (3840 × 2160, 3072 × 1728)
	   25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
	60 Hz: 20 fps (3840 × 2160, 3072 × 1728)
	   30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)

Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)
Video Compression	Main stream: H.265/H.264/H.265+/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
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.265 and H.264 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Target Cropping	Yes

Audio

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 Kbps to 320 Kbps (MP3)
Audio Type	Mono sound

Network

Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI, SDK, Ehome
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, SSL/TLS
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+ Not recommended: Safari 11+, Edge

Image

Wide Dynamic Range (WDR)	120 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥ 50 dB
Privacy Mask	8 programmable polygon privacy mask

Interface

Video Output	1 Vp-p composite output (75 Ω/BNC)
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/SDHC/SDXC card, up to 256 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.*
Alarm	1 input, 1 output (max. 24 VDC, 1 A or 110 VAC, 500 mA)
Reset Key	Yes

Event

Basic Event	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, defocus detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture

General	
Power	24 VAC ± 20%, 24V~, 1.7 A, 50/60 Hz, 23.5 W; PoE: 802.3at, 42.5 V to 57 V, 0.57 A to 0.43 A, max. 24 W
Dimension	179.9 mm × 203.2 mm × 468 mm (7.1" × 8" × 18.4")
Package Dimension	606 mm × 270 mm × 335 mm (23.9" × 10.6" × 13.2")
Weight	Approx. 9.07 kg (20.0 lb.)
With Package Weight	Approx. 10.89 kg (24.07 lb.)
Storage Conditions	-30 °C to +60 °C (-22 °F to +140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-40 °C to +60 °C (-40 °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
Heater	Yes
Wiper	Yes
General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
Approval	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 7); KC (KN32: 2015, KN35: 2015)
Safety	UL (UL 62368-1); CB (IEC 62368-1: 2014+A11); CE-LVD (EN 62368-1: 2014/A11: 2017); BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)
Anti-Corrosion Protection	NEMA 4X (NEMA 250-2018) C5-M: 720H neutral salt spray, 480H water condensation; Exterior environments: industrial areas with high humidity and aggressive atmosphere and coastal areas with high salinity; Interior environments: buildings or areas with almost permanent condensation and with high pollution.

▪ Available Model
DS-2XC6685G0-IZHRS (2.8 to 12 mm, 8 to 32 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.
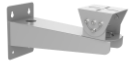
▪ Dimension
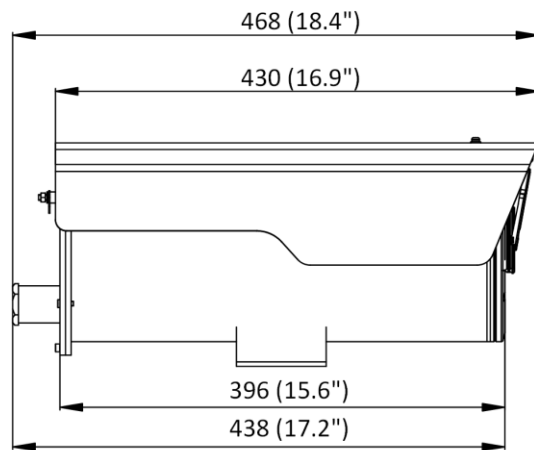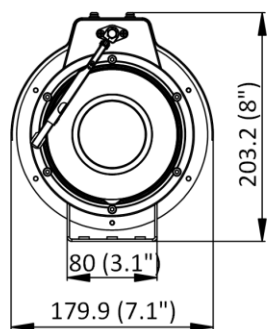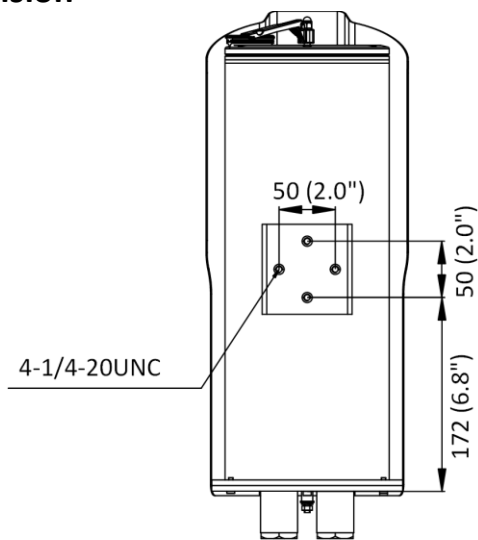
Unit: mm (inch)

▪ **Accessory**

▪**Optional**

DS-1214ZJ-AC(OS)	DS-1701ZJ-AC1(OS)
Horizontal pole mount	Wall Mount

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