DS-2CD3T63G0-2I/4I(S)
6 MP IR Fixed Bullet Network Camera

- 1/2.9" Progressive Scan CMOS
- 3072 × 2048@20fps
- 2.8/4/6 mm fixed lens
- Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265, H.265+, H.264, H.264+
- Three streams
- 120dB WDR
- Junction box included in the package

- BLC/3D DNR/ROI/HLC
- IP67
- IR range: Up to 60 m, 90 m, optional
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment

Specifications

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

Lens	
Lens Type	2.8/4/6 mm
Aperture	F2.0
FOV	2.8 mm: Horizontal FOV: 97° , vertical FOV: 63°, diagonal FOV: 120° 4 mm: Horizontal FOV: 78° , vertical FOV: 50°, diagonal FOV: 97° 6 mm: Horizontal FOV: 60° , vertical FOV: 39°, diagonal FOV: 75°
Lens Mount	M12

Illuminator	
IR Range	-2I: Up to 60 m -4I: Up to 90 m
Wavelength	850 nm

Video	
Max. Resolution	3072 × 2048
Main Stream	50Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Video Compression	Main stream: H.265/H.264 Sub-stream/third stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Scalable Video Coding (SVC)	H.264 and H.265 encoding

* When the main stream resolution is 2944 × 1656 and above, max frame rate is 20 fps for all streams.

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

Smart Feature-Set	
Smart Event	Line crossing detection, up to 1 line configurable Intrusion detection, up to 1 region configurable Unattended baggage detection, up to 1 region configurable Object removal detection, up to 1 region configurable Face detection: detects faces Scene change detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Face Detection	Yes
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	5 fixed region for main stream and sub-stream

Image	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Target Cropping	Yes
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In (-S)

Network	
Network Storage	microSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
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, SSL/TLS
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, Ehome
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chr2ome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+

Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio (-S)	1 input (line in/mic in), 1 output (line out), mono sound
Alarm (-S)	1 input, 1 output
Video Output	No
Interface Style	Pigtail style interface
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB

General	
Firmware Version	5.5.83
Web Client Language	32 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)
General Function	Anti-flicker, three streams , heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Reset	Reset via reset button on camera body, web browser and client software
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	-2I: 12 VDC, 0.58 A, max. 7 W; PoE (802.3af, 36 V to 57 V), 0.22 A to 0.14 A, max. 8 W -4I: 12 VDC, 0.83 A, max. 10 W; PoE (802.3af, 36 V to 57 V), 0.33 A to 0.2 A, max. 12 W
Material	Metal
Dimensions	Camera: Φ 105 × 335.7 mm (Φ 4.1" × 13.2") With package: 386 × 156 × 155 mm (15.2" × 6.1" × 6.1")
Weight	Camera: Approx. 1.16 kg (2.56 lb.) With package: Approx. 1.81 kg (3.99 lb.)

Approval	
EMC	47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015
Safety	UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015
Chemistry	2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006
Protection	Ingress protection: IP67 (IEC 60529-2013)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3T63G0-2I (2.8/4/6/8 mm), DS-2CD3T63G0-4I (2.8/4/6/8 mm), DS-2CD3T63G0-2IS (2.8/4/6/8 mm), DS-2CD3T63G0-4IS (2.8/4/6/8 mm)
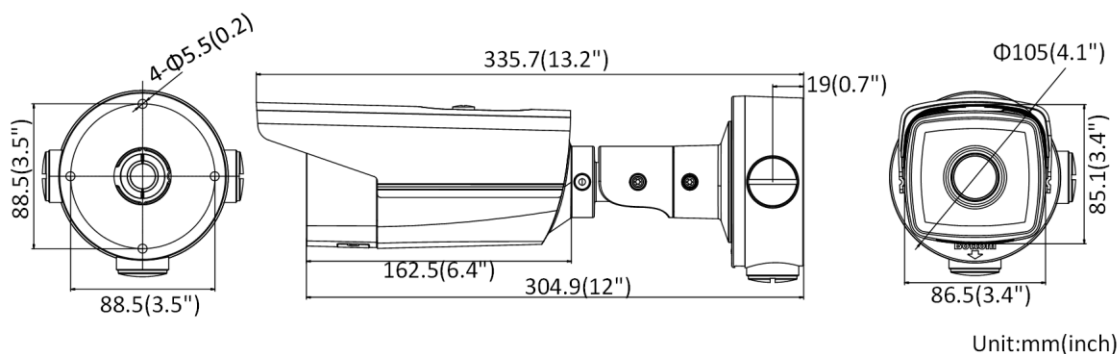
▪ Typical Application

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 NO 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

4-Φ5.5(0.2)   335.7(13.2")   19(0.7")   Φ105(4.1")

88.5(3.5")   162.5(6.4")   304.9(12")   85.1(3.4")

88.5(3.5")   86.5(3.4")

Unit:mm(inch)

Accessory

DS-1275ZJ-SUS
Vertical Pole Mount

DS-1276ZJ-SUS
Corner Mount

DS-1275ZJ-S-SUS
Vertical Pole Mount

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