

DS-2CD2T23G0-I5/I8 2 MP IR Fixed Bullet Network Camera



Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080@30fps
- 2.8/4/6/8 mm fixed lens
- Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
- H.265+, H.265, H.264+, H.264
- Three streams
- 120dB WDR
- 2 Behavior analyses, and face detection
- BLC/3D DNR/ROI
- IP67
- Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
- 3-Axis adjustment



Specifications

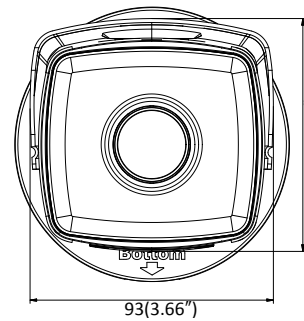
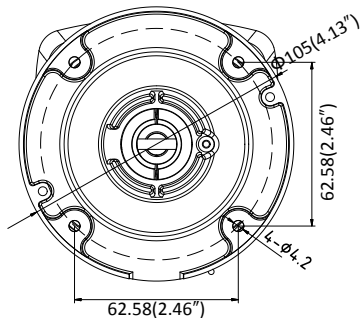
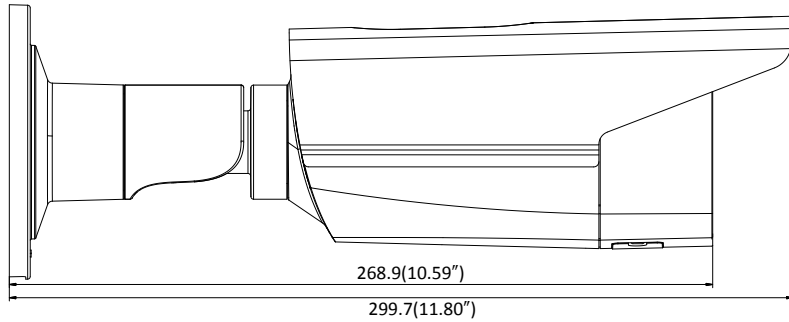
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Lens	
Focal length	2.8/4/6/8 mm
Aperture	F2.0
Focus	Manual
FOV	2.8 mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm: horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm: horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62° 8 mm: horizontal FOV: 43°, vertical FOV: 23°, diagonal FOV: 50°
Lens Mount	M12
IR	
IR Range	-I5: Up to 50 m -I8: Up to 80 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream and sub-stream support
H.265 Type	Main Profile
H.265+	Main stream and sub-stream support
Video Bit Rate	32 Kbps to 16 Mbps
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)

Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Auto/Schedule
Network	
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.2
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect, iVMS-5200
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Video Output	No
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
General	
Operating 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	-I5: 12 VDC, 0.6A, max. 7.5W PoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 9.5W -I8: 12 VDC, 0.95A, max. 11.5W PoE (802.3af, 37V to 57V), 0.35A to 0.1A, max. 12.5W
Protection Level	IP67 TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	Metal
Dimensions	Camera: Φ 105 × 299.7 mm (Φ 4.1" × 11.8") Package: 386 × 156 × 155 mm (15.2" × 6.14" × 6.1")
Weight	Camera: Approx. 1180 g (2.6 lb.) With Package: Approx. 1700 g (3.7 lb.)

Available Model:

DS-2CD2T23G0-I5 (2.8/4/6/8 mm), DS-2CD2T23G0-I8 (2.8/4/6/8 mm)

Dimensions



Unit: mm

Accessories



DS-1280ZJ-S
Junction Box

Distributed by



HIKVISION

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-55-42-770
info.eu@hikvision.com

Hikvision Middle East
T +971-4-8816086
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
potand@hikvision.com

Hikvision UK
T +01628-902140
support.uk@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Oceania
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Canada
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Korea
T +82-31-731-8841
sales.korea@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Africa
T +27 (0) 0351172
sale.africa@hikvision.com

Hikvision Hong Kong
T +852-2151-1761