

Camera DS-2CD2T23G0-I8

DS-2CD2T23G0-I8 4mm 2mp IR 80m IP Bullet CAMERA HIKVISION

- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67)
- Robust structure design with full metal materials.

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	4 mm
Lighting	IR
Lighting distance	80 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2,AGC ON), 0.028 Lux @ (F2.0, AGCON), 0 Luxwith IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
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	Fixed
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 50m -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 supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video BitRate	32 Kbps to 16 Mbps
Smart Feature-set	
Smart Event	Line crossing detection, intrusion detection, face detection
Basic Event	Motion detection, video tampering alarm,

	exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
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, Email
Region of Interest	1 fixed regionfor main streamand 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/HLC
Image Setting	Rotate mode,saturation, brightness, contrast, sharpness, A GC, and white balance are adjustable by client software or web browser
Target Cropping	No
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in
Network	
Network Storage	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets

General Function	Anti-flicker, threestreams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS1.2, EAP-LEAP, EAP-MD5), watermark, IP addressfilter, basic and digest authentication for HTTP/HTTPS, WSSEand digest authentication for ONVIF, TLS1.2
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
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 liveview: IE8+ Plug-in freelive view: Chrome57.0+, Firefox 52.0+, Safari 11+ LocalService: Chrome 41.0+,Firefox 30.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Video Output	No
On-board storage	Built-in MicroSD/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)
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)
Power Supply	12 VDC± 25%, Φ 5.5 mm coaxial powerplug PoE (802.3af, class 3)
Power Consumption and Current	-I5: 12 VDC, 0.6 A, max. 7.5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 9.5 W -I8: 12 VDC, 0.9 5A,max. 11.5 W PoE (802.3af, 36 V to 57 V), 0.35 A to 0.1 A, max. 12.5 W
Protection Level	IP67
Material	Metal
Dimensions	Camera: Φ 105 × 299.7 mm (Φ 4.1" × 11.8") Package: 386 × 156 × 155mm (15.2" × 6.14" × 6.1")
Weight	Camera: Approx.1180 g (2.6lb.) With Package: Approx. 1700g (3.7 lb.)