

DS-2CD2123G2-IU

Model	DS-2CD2123G2-IU
Brend	Hikvision
Növ	IP
Meqapixel	2 MP
Mikrofon	Mic
İşıqlandırma	İR
İşıqlandırma məsafəsi	30 m
Obyektiv	Sabit
Fokus	2.8mm
Qoruma	IP67
Material	Metal
Yaddaş	MicroSD
İş mühiti	Outdoor



Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Fixed focallens, 2.8 and 4 mm optional
Focal Length& FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
Depth of Field	2.8 mm: 1 m to ∞ 4 mm: 1.2 m to ∞
DORI	
DORI	2.8 mm: D: 44 m, O: 17 m, R: 9 m, I: 4 m 4 mm: D: 54 m, O: 21 m, R: 11 m, I: 5 m
Illuminator	
Supplement LightType	IR
Supplement LightRange	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	

Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360), *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.264+/H.265+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.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region(s) for main stream and sub-stream
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/ 16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
Smooth Streaming	Yes
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.3, host authentication (MAC address)
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	<p>Plug-in required live view: IE 10, IE 11</p> <p>Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+</p>
Image	
Image Parameters Switch	Yes
Image Settings	<p>Rotate mode, saturation, brightness, contrast,</p> <p>sharpness, gain, white balance,</p> <p>adjustable by client software or web browser</p>
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	Yes
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory cardslot, support microSD card, up to 256 GB
Built-in Microphone	Yes
Reset Key	Yes
Event	
Basic Event	<p>Motion detection (support alarm triggering by specified targettypes (human and vehicle)), videotampering alarm, exception</p>
Smart Event	<p>Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggered by specified targettypes (human and vehicle)),</p> <p>Face detection</p>

Linkage	<p>Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture</p>
General	
Power	<p>12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection,</p> <p>PoE: 802.3af, Class 3, 36 V to 57 V, 0.2A to 0.15 A, max.7.5 W</p>
Material	Body: aluminum alloy, bubble: plastic
Dimension	Ø121.4 mm × 92.2 mm (Ø4.8" × 3.6")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 570 g (1.3 lb.)
With Package Weight	Approx. 806 g(1.8 lb.)
Storage Conditions	-30 °C to 60 °C(-22 °F to 140 °F). Humidity 95% or less(non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	<p>33 languages</p> <p>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,</p> <p>Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian</p>

General Function	Anti-flicker, heartbeat, mirror,privacy mask, password resetvia email, pixelcounter
Approval	
EMC	FCC: 47 CFRPart 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, 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, IK10: IEC 62262:2002