

# DS-2CD1H23G2-IZ

DS-2CD1H23G2-IZ 2.8-12mm 2mp IR30m VF Turret IP Human and Vehicle Detection IP  
KAMERA HIKVISION



Model	DS-2CD1H23G2-IZ
Brend	Hikvision
Material	Metal
Qoruma	IP67
Növ	IP
Meqapixel	2 MP
Obyektiv	Varifokal
Fokus	2.7 - 13.5mm
İşıqlandırma	İR
İşıqlandırma məsafəsi	30 m
Yaddaş	MicroSD
İş mühiti	Indoor

## Specification

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @ (F1.6,AGC ON), B/W:0 Lux withIR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt:0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Varifocal lens,motorized lens, 2.8to 12 mm
Focal Length& FOV	2.8 to 12 mm, horizontal FOV 102.4° to 31.2°, vertical FOV 54.4° to 17.5°, diagonal FOV 121.8° to 35.7°
Lens Mount	Ø14
Iris Type	Fixed
Aperture	F1.6
Illuminator	
Supplement LightType	IR
Supplement Light Range	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)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
Video BitRate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, MainProfile, High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region(s) for main stream
Audio	
Audio Compression	-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio BitRate	-S: 64 Kbps (G.711)/16 Kbps (G.722.1)/ 16 Kbps (G.726)/32 to 160 Kbps(MP2L2)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	-S: 8 kHz/16kHz
Environment Noise Filtering	-S: Yes
Network	
Protocols	TCP/IP, ICMP,DHCP, DNS, HTTP,RTP, RTSP, NTP,IGMP, IPv6, UDP,QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels
API	Open NetworkVideo Interface (Profile S, Profile G, Profile T), ISAPI, SDK
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP,WSSE and digestauthentication for OpenNetwork Video Interface, security audit log, hostauthentication (MAC address)
User/Host	Up to 32 users 3 user levels: administrator, operator, and user

Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required liveview: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Rotate mode,saturation, brightness, contrast, sharpness, gain, whitebalance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto,Schedule
Wide Dynamic Range(WDR)	Digital WDR
Image Enhancement	BLC, HLC, 3D DNR
Interface	
Ethernet Interface	1 RJ4510 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memorycard slot, supportmicroSD/microSDHC/microSDXC card, up to 256 GB

Audio	-S: 1 input(s) (linein), two-core terminal block, max. inputamplitude: 3.3 Vpp,input impedance: 4.7 K $\Omega$ , interface type: non-equilibrium -S: 1 output(s) (lineout), two-core terminal block, max. outputamplitude: 3.3 Vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium
Alarm	-S: 1 input(s), 1 output(s)(max. 12 VDC, 30 mA)
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified targettypes (human and vehicle)), videotampering alarm, exception
Linkage	Upload to FTP/memory card, notify surveillance center, send email,trigger recording, trigger capture, trigger alarm output(-S)
General	
Power	12 VDC $\pm$ 25%, 0.75 A, max.9 W, $\varnothing$ 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.27 A to 0.17A, max. 10 W
Dimension	$\varnothing$ 129.4 mm $\times$ 116.4 mm ( $\varnothing$ 5.1" $\times$ 4.6")
Package Dimension	170 mm $\times$ 170 mm $\times$ 150mm (6.7" $\times$ 6.7" $\times$ 5.9")
Weight	Approx. 605 g (1.3 lb.)
With Package Weight	Approx. 880 g (1.9 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	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, privacymask, watermark
Approval	
EMC	FCC: 47 CFR Part 15, SubpartB 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 CISPR32: 2015 IC: ICES-003: Issue 7
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