

DS-2CD1T23G2-LIU

DS-2CD1T23G2-LIU 4mm 2mp IR 50m LED 30m Hybrid Light Big Bullet IP CAMERA HIKVISION

- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Built-in microphone for real-time audio security
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot) (Optional)
- Water and dust resistant (IP67)

Type	IP
Megapixel	2 MP
Objective	Motionless
Focus	4 mm
Lighting	LED
Lighting distance	50 m
Microphone	Mic
Protection	IP67
Material	Metal



Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005Lux @ (F1.6,AGC ON), B/W:0 Lux withIR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cutfilter
Angle Adjustment	Pan: 0° to 360°,tilt: 0° to 180°, rotate:0° to 360°

Lens	
Lens Type	Fixed focallens, 4 and 6 mm optional
Focal Length& FOV	4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 99°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
DORI	
DORI	4 mm,D: 56 m, O: 22 m, R: 11 m, l: 5 m
Illuminator	
Supplement LightType	IR, WhiteLight
Supplement Light Range	Up to 50 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, Main Profile, HighProfile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed regionfor main stream

Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/ MP2L2/PCM/AAC-LC
Audio BitRate	64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw) /16 Kbps (G.722.1)/16 Kbps(G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps(AAC-LC)
Network	
Security	Password protection, complicated password, watermark, basic and digest authentication forHTTP, WSSE anddigest authentication forOpen Network Video Interface, security audit log, host authentication (MAC address)

Simultaneous LiveView	Up to 6 channels
API	Open NetworkVideo Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK
Protocols	TCP/IP, ICMP,DHCP, DNS, HTTP,RTP, RTSP, NTP,IGMP, IPv6, UDP,QoS, FTP, SMTP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+
Image	

Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day, Night,Auto, Schedule
Image Enhancement	BLC, HLC,3D DNR
Image Settings	Rotate mode,saturation, brightness, contrast, sharpness, gain, whitebalance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacymasks
Interface	
Ethernet Interface	1 RJ4510 M/100 M self-adaptive Ethernet port
On-Board Storage	-F: Built-in memory card slot, support microSD/ microSDHC/microSDXCcard, up to 512 GB
Built-in Microphone	Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified targettypes (human and vehicle)), videotampering alarm, exception
Linkage	Upload to FTP/memory card (-F), sendemail, notify surveilla nce center, trigger recording (-F),trigger capture
General	
Power	12 VDC ± 25%, 0.5 A, max.6 W, Ø5.5 mm coaxialpower plug, reversepolarity protection, PoE: IEEE 802.3af, Class 3, max.7 W
Material	Metal &Plastic
Dimension	83.7 mm × 80.7mm × 205.6 mm (3.3" × 3.2" × 8.1")

Package Dimension	260 mm × 125mm × 125 mm (10.2" × 4.9" × 4.9")
Weight	Approx. 580g (1.3 lb.)
With PackageWeight	Approx. 635g (1.4 lb.)
Storage Conditions	-30 °C to 60 °C (-22°F to 140 °F). Humidity 95% or less(non-condensing)
Startup andOperating 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, pass word reset viaemail
