

DS-2CD1T43G2-LIUF

DS-2CD1T43G2-LIUF 4mm 4mp IR 50m LED 30m Hybrid Light Big Bullet IP CAMERA HIKVISION

- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- Smart Dual-Light: advanced technology with long range
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot) (Optional)

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	4 mm
Lighting	LED
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
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 180°, rotate: 0° to 360°
Lens	

Lens Type	Fixed focallens, 4 and 6 mm optional
Focal Length& FOV	4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°
Iris Type	Fixed
Lens Mount	M12
Aperture	F1.6
DORI	
DORI	4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m
Illuminator	
Supplement LightRange	Up to 50 m
Smart Supplement Light	Yes
Supplement Light Type	IR, White Light
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps(1280 × 720, 640 × 480, 640 × 360)
H.265 Type	Main Profile
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps

H.264 Type	Baseline Profile, Main Profile, HighProfile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed regionfor main stream
Audio	
Audio Bit Rate	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)
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/ G.726/MP2L2/PCM/AAC-LC

Network	
Web Browser	Plug-in required live view: IE 10, IE11, Local service: Chrome 57.0+, Firefox 52.0+
Client	iVMS-4200, Hik-Connect
Simultaneous LiveView	Up to 6 channels
Security	Password protection, complicated password, watermark, basicand digest authentication forHTTP, WSSE and digest authentication for Open Network Video Interface, securityaudit log, hostauthentication (MAC address)
API	Open Network Video 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
Image	
Day/Night Switch	Day, Night,Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range(WDR)	120 dB
SNR	≥ 52 dB
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
Interface	
On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXCcard, up to 512 GB
Built-in Microphone	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
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 surveillance center, trigger recording (-F),trigger capture
General	
Power	12 VDC ± 25%, 0.5A, max. 6 W, Ø5.5 mm coaxial powerplug, reverse polarity protection,

	PoE: IEEE802.3af, Class 3, max. 7 W
Material	Metal & Plastic
Dimension	83.7 mm × 80.7 mm × 205.6 mm (3.3" × 3.2" × 8.1")
Package Dimension	260 mm × 125 mm × 125 mm (10.2" × 4.9" × 4.9")
With Package Weight	Approx. 635 g (1.4 lb.)
Weight	Approx. 580g (1.3 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, password reset via email