

DS-2CD1043G2-I

DS-2CD1043G2-I 2.8mm 4mp IR30m Human and Vehicle Detection Bullet IP CAMERA HIKVISION

- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- Water and dust resistant (IP67)
- Clear imaging even with strong back lighting due to 120 dB WDR
- Efficient H.265+ compression technology
- EXIR 2.0: advanced infrared technology with long IR range
- Built-in microphone for real-time audio security(Optional)
- Support on-board storage up to 256GB (SD card slot)(Optional)

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	2.8 mm
Lighting	IR
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Detailed

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Day & Night	IR cut filter

Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focallens, 2.8 and 4 mm optional
Focal Length& FOV	2.8 mm, horizontal FOV 99°, vertical FOV 55°, diagonal FOV 116° 4 mm, horizontal FOV 76°, vertical FOV 41°, diagonal FOV 90°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
DORI	
DORI	2.8 mm,D: 59 m, O: 23 m, R: 11 m, l: 5 m 4 mm, D: 79 m, O: 31 m, R: 15 m, l: 7 m
Illuminator	
Supplement LightType	IR
Supplement LightRange	Up to 30 m
Smart Supplement Light	Yes
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)

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/High Profile	
H.265 Type	Main Profile	
Bit Rate Control	CBR/VBR	
Region of Interest (ROI)	1 fixed regionfor main stream	
Audio		
Audio Type	-U: Mono sound	
Environment NoiseFiltering	-U: Yes	
Audio Sampling Rate	-U: 8 kHz/16 kHz	
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/M P2L2/PCM/AAC-LC	

Audio Bit Rate	-U: 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 for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network VideoInterface (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 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+, Firefox52.0+
Image	
Wide Dynamic Range (WDR)	120 dB
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, white balance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacymasks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-F: Built-in memorycard slot, support microSD/microSDHC/microSDXCcard, up to 256 GB
Built-in Microphone	-U: 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), send email, notify surveillance center, trigger recording (-F),trigger capture

General	
Power	12 VDC ± 25%, 0.4A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2A to 0.15 A, max.6.5 W
Material	Metal & Plastic
Dimension	170.8 mm × 66 mm × 69.1mm (6.7" × 2.6" × 2.7")
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Approx. 270 g(0.6 lb.)
With Package Weight	Approx. 481 g (1.1 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
Approval	
EMC	FCC: 47 CFR Part 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 RCM: AS/NZS CISPR 32: 2015 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
