

# DS-2CD1043G2-LIU(F) 4 MP Fixed Bullet Network Camera













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



## Specification

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: 0.005 Lux @ (F1.6, 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 focal lens, 2.8 and 4 mm optional
Sacrath & SOV	2.8 mm, horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°
Focal Length & FOV	4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
DORI	
DON	2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m
DORI	4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	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)
	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)
Sub-Stream	60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)
Video Com.	Main stream: H.265+/H.265/H.264+/H.264,
Video Compression	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 region for main stream
Audio	
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
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)



Interface, security audit log, host authentication (MAC address)   Simultaneous Live View   Up to 6 channels     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     Client   IVMS-4200, Hilk-Connect     Plug-in required live view: IE 10, IE 11,     Local service: Chrome 57.0+, Firefox 52.0+     Image     Web Browser   25 dB     Day/Night Switch   Day, Night, Auto, Schedule     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   1 RJ45 10 M/100 M self-adaptive Ethernet port     File Built-in Microphone   Yes     Reset Key   F: Yes     Fewart	Network	
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 SPAPI, SDK  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  USer/Host TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  User/Host Jup to 32 users 3 user levels: administrator, operator, and user  Client (MMS-4200, Hik-Connect  Web Browser Plug-in required live view: IE 10, IE 11,		Password protection, complicated password, watermark, basic and digest
Simultaneous Live View Up to 6 channels  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  Client IMMS-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) 120 dB  SNR 2 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 privacy masks  Interface  Ethernet Interface 1 R145 10 M/100 M self-adaptive Ethernet port  -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 gB  Built-in Microphone Yes  Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal Alastic  Dimension 170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Aprox. 270 g (0.6 lb.)  With Package Weight Aprox. 270 g (0.6 lb.)  With Package Weight Aprox. 270 g (0.6 lb.)  Language English, Ukrainian	Security	authentication for HTTP, WSSE and digest authentication for Open Network Video
APPI SPAN, SDK Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, 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) 120 dB SNR 2 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Privacy Mask 4 programmable polygon privacy masks Interface  Ethernet Interface 1 R.145 10 M/100 M self-adaptive Ethernet port 6 B Bullt-in Microphone Yes Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Power Pool: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal Metal Plastic Dimension 170.8 mm × 66 mm × 69.1 mm (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. 281 g (1.1 lb.) Storage Conditions 20°C to 60 °C (-22" F to 140 °F). Humidity 95% or less (non-condensing) Language English, Ukrainian		Interface, security audit log, host authentication (MAC address)
ISAPI, SDK	Simultaneous Live View	Up to 6 channels
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 Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+  Image  Wide Dynamic Range (WDR)  120 dB SNR  ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 4 programmable polygon privacy masks  Interface  Ethernet Interface 1 RI45 10 M/100 M self-adaptive Ethernet port -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Reset Key F; Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Pot: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic Dimension 170.8 mm × 66 mm × 69.1 mm (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. 270 g (0.6 lb.) Storage Conditions Language English, Ukrainian	API	
User/Host 3 users   3 user levels: administrator, operator, and user	Protocols	· ·
Ser/Host   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) 120 dB SNR 252 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 privacy masks Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage GB Built-in Microphone Yes Reset Key 4-F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.34f, Class 3, max. 6.5 W  Material Metal & Plastic Dimension 170.8 mm × 66 mm × 69.1 mm (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) Language English, Ukrainian	User/Host	
Plug-in required live view: IE 10, IE 11, tocal service: Chrome 57.0+, Firefox 52.0+	Client	
Image  Wide Dynamic Range (WDR) 120 dB  SNR ≥ 52 dB  Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR  Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy, Mask 4 programmable polygon privacy masks  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes  Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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.)  Startup and Operating Conditions  Language English, Ukrainian		
Wide Dynamic Range (WDR)  SNR  ≥ 52 dB  Day/Night Switch  Day, Night, Auto, Schedule  Image Enhancement  BLC, HLC, 3D DNR  Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  4 programmable polygon privacy masks  Interface  Ethernet Interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  F: Built-in memory card slot, support microSD/microSDMC card, up to 512 GB  Built-in Microphone  Yes  Reset Key  F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Metal & Plastic  Dimension  170.8 mm × 66 mm × 69.1 mm (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  1anguage  English, Ukrainian	Web Browser	Local service: Chrome 57.0+, Firefox 52.0+
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 privacy masks         Interface       1 RJ45 10 M/100 M self-adaptive Ethernet port         Ethernet Interface       1 RJ45 10 M/100 M self-adaptive Ethernet port         -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB         Built-in Microphone       Yes         Reset Key       -F: Yes         Event       Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception         Linkage       Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture         General       12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W         Material       Metal & Plastic         Dimension       170.8 mm × 66 mm × 69.1 mm (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. 270 g (0.6 lb.)         With Packag	Image	
Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Privacy Mask 4 programmable polygon privacy masks Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  2 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Poe: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic Dimension 170.8 mm × 66 mm × 69.1 mm (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) Conditions Language English, Ukrainian	Wide Dynamic Range (WDR)	120 dB
Image Enhancement  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  Ethernet Interface  1 RI45 10 M/100 M self-adaptive Ethernet port  -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Yes  Reset Key  -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Metal & Plastic  Dimension  170.8 mm × 26 mm × 69.1 mm (6.7" × 2.6" × 2.7")  Package Dimension  210 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  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)  Conditions  Language  English, Ukrainian	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  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage GB  Built-in Microphone Yes Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")  Package Dimension 170.8 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  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) Conditions Language English, Ukrainian	Day/Night Switch	Day, Night, Auto, Schedule
Image Settings adjustable by client software or web browser  Privacy Mask 4 programmable polygon privacy masks  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic Dimension 170.8 mm × 66 mm × 69.1 mm (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)  Conditions Language English, Ukrainian	Image Enhancement	BLC, HLC, 3D DNR
adjustable by client software or web browser  Privacy Mask 4 programmable polygon privacy masks  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes  Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  English, Ukrainian	-	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,
Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage	Image Settings	adjustable by client software or web browser
Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  -F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes  Reset Key -F: Yes  Event  Basic Event Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	Privacy Mask	4 programmable polygon privacy masks
-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes  Reset Key -F: Yes  Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	Interface	
GB  Built-in Microphone Yes  Reset Key -F: Yes  Fvent  Basic Event Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone Reset Key -F: Yes  Event  Basic Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Linkage Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	On Decard Chauses	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512
F: Yes         Event       Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception         Linkage       Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture         General       12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W         Material       Metal & Plastic         Dimension       170.8 mm × 66 mm × 69.1 mm (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	On-Board Storage	GB
Fivent  Basic Event  Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Metal & Plastic  Dimension  170.8 mm × 66 mm × 69.1 mm (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  English, Ukrainian	Built-in Microphone	Yes
Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception  Upload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture  General  12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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)  English, Ukrainian	Reset Key	-F: Yes
Basic Eventvehicle)), video tampering alarm, exceptionLinkageUpload to FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger captureGeneral12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 WMaterialMetal & PlasticDimension170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")Package Dimension216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")WeightApprox. 270 g (0.6 lb.)With Package WeightApprox. 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)LanguageEnglish, Ukrainian	Event	
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Power 12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	Linkage	
Power protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian	General	
Material Metal & Plastic  Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian		12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity
MaterialMetal & PlasticDimension170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")Package Dimension216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")WeightApprox. 270 g (0.6 lb.)With Package WeightApprox. 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)LanguageEnglish, Ukrainian	Power	protection,
Dimension 170.8 mm × 66 mm × 69.1 mm (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  Language English, Ukrainian		PoE: IEEE 802.3af, Class 3, max. 6.5 W
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  Language  English, Ukrainian	Material	Metal & Plastic
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  Language English, Ukrainian	Dimension	170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")
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  Conditions  English, Ukrainian	Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
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)  English, Ukrainian	Weight	Approx. 270 g (0.6 lb.)
Startup and Operating Conditions  -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	With Package Weight	Approx. 481 g (1.1 lb.)
Conditions  -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)  Language English, Ukrainian	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
		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
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

### Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

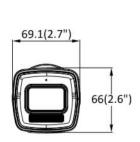
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti- corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti- corrosion protection is needed.

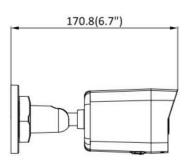
#### Available Model

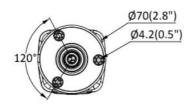
DS-2CD1043G2-LIUF (2.8/4 mm) DS-2CD1043G2-LIU (2.8/4 mm



#### Dimension







Unit: mm (inch)

- Accessory
- Optional



#### Headquarters

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