

# DS-2CD1021G2-LIUF 2 MP Fixed Bullet Network Camera





- High quality imaging with 2 MP resolution
- Support Human Detection
- Efficient H.265+ compression technology
- Built-in microphone for real-time audio security
- Smart Hybrid Light: advanced technology with long range coverage
- Water and dust resistant (IP67)



# Specification

Image Sensor	Camera			
Min. Illumination         Color: 0.01 Lux @ (F2.2, AGC ON), B/W: 0 Lux with IR           Shutter Time         1/3 s to 1/100,000 s           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           Focal Length & FOV         Fixed focal lens, 2.8 and 4 mm optional           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI         Fixed           Aperture         F2.2           DORI         2.8 mm, D: 34 m, O: 17 m, R: 8 m, I: 4 m           4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator           Supplement Light Type         IR, White Light           Supplement Light Range         IR. up to 20 m           White Light: up to 15 m         White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         Yes           Sub-stream         50 H2:           25 fps (1920 × 1080, 1280 × 720)         60 H2:           30 fps (1920 × 1080, 1280 × 720)         60 H2:           Sub-stream: H. 265/H. 264/H. 264,         30 fps (640 × 480, 640 × 360)           Wideo C	Image Sensor	1/2.9" Progressive Scan CMOS		
Shutter Time         1/3 s to 1/100,000 s           Day & Night         IR cut filter           Angle Adjustment         Pans 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°           Lens         Type           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118° 4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI         2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator         IR. white Light           Supplement Light Range         IR. White Light           Supplement Light Range         IR. who to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           Is Wavelength         850 m           Video         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.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264	Max. Resolution	1920 × 1080		
Day & Night         IR cut filter           Angle Adjustment         Pan: 0" to 360", tilt: 0" to 90", rotate: 0" to 360"           Lens         Lens           Evens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 101", vertical FOV 56", diagonal FOV 118"           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI         2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m           Aperture         F2.2           DORI           Illuminator           Supplement Light Type         IR, White Light           Supplement Light Range         Rive to 20 m         White Light: up to 15 m           Smart Supplement Light         Yes         Yes           IR Wavelength         850 nm         Yes           Wain Stream         50 Hz:         25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:         70 Hz:           Sub-Stream         Main stream: H.265+H.265+H.265+H.265+H.264+H.264,         50 Hz:           Video Compression         Main stream: H.265+H.265+H.265+H.264+H.264,         50 Hz:           Video Fix Pape         Main stream: L.265+H.264/MIPEG <td>Min. Illumination</td> <td colspan="3">Color: 0.01 Lux @ (F2.2, AGC ON), B/W: 0 Lux with IR</td>	Min. Illumination	Color: 0.01 Lux @ (F2.2, AGC ON), B/W: 0 Lux with IR		
Angle Adjustment         Pan: 0" to 360", tilt: 0" to 90", rotate: 0" to 360"           Lens         Image: 1	Shutter Time	1/3 s to 1/100,000 s		
Lens         Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118° 4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI         2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 m,	Day & Night	IR cut filter		
Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 101*, vertical FOV 56*, diagonal FOV 118* 4 mm, horizontal FOV 80*, vertical FOV 44*, diagonal FOV 94*           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI           18 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator           Supplement Light Type         IR, White Light           Supplement Light Range         IR: up to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         \$50 Hz:           25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           40 sb-stream: H.265+H.265+H.265+H.264+J.264,           V	Angle Adjustment			
Pocal Length & FOV	Lens			
Focal Length & FOV         4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°           Lens Mount         M12           Iris Type         Fixed           Aperture         F2.2           DORI           2.8 mm, D: 44 m, 0: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, 0: 22 m, R: 11 m, I: 5 m           Illumitator           Supplement Light Type         IR, White Light           Supplement Light Range         IR. up to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           IR wavelength         850 nm           Video           50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)           Sub-Stream         Sub-Stream           Audio Compression         Main stream: H.265+/H.265/H.264+/H.264, 5ub-stream: H.265+/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           Audio         Type           Audio Type         Mono sound           Environment Noise Filtering         Yes	Lens Type	Fixed focal lens, 2.8 and 4 mm optional		
A mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°   Lens Mount	Facel Langth & FOV	2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118°		
Iris Type         Fixed           Aperture         F2.2           DORI           2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m           4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator           Supplement Light Type         IR, White Light           5 mart Supplement Light Range         IR. White Light: up to 15 m           5 mart Supplement Light         Yes           1 Main Stupplement Light         Yes           White Light: up to 15 m           White Light: up to 15 m <th colspan<="" td=""><td>Focal Length &amp; FOV</td><td>4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°</td></th>	<td>Focal Length &amp; FOV</td> <td>4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°</td>	Focal Length & FOV	4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°	
Aperture         F2.2           DORI         2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator           Supplement Light Type         IR, White Light           Supplement Light Range         IR: up to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         50 Mz:           Wideo         50 Hz:           50 Hz:         50 Hz:           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           60 Hz:         30 fps (1920 × 1080, 1280 × 720)           7 Hz:         30 fps (1920 × 1080, 1280 × 720)           8 Hz:         40 mx series in the series in the series in t	Lens Mount	M12		
DORI         2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m           Illuminator           Supplement Light Type         IR, White Light           Supplement Light Range         IR: up to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         Yes           Smart Supplement Light         Yes           Main Stream         50 Hz:           SW Wavelength         50 Hz:           50 Hz:         25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           40 Hz:         50 Hz:         <	Iris Type	Fixed		
DORI	Aperture	F2.2		
Number   N	DORI			
Name   Stands   Sta	DON	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m		
Supplement Light Type         IR, White Light           Supplement Light Range         IR: up to 20 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Main Stream         50 Hz:           25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           50 bbs (640 × 480, 640 × 360)         60 Hz:           50 fps (640 × 480, 640 × 360)         60 Hz:           50 fps (640 × 480, 640 × 360)         60 Hz:           50 fps (640 × 480, 640 × 360)         60 Hz:           50 fps (640 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:           80 bbs (840 × 480, 640 × 360)         60 Hz:     <	DORI	4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m		
Supplement Light Range         IR: up to 20 m White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video         50 Hz:           25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (640 × 480, 640 × 360)         60 Hz:           50 Hz:         25 fps (640 × 480, 640 × 360)           60 Hz:         30 fps (640 × 480, 640 × 360)           60 Hz:         30 fps (640 × 480, 640 × 360)           Video Compression         Main stream: H.265/H.265/H.264/HJPEG           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           Audio Type         Mono sound           Environment Noise Filtering         Yes           Audio Sampling Rate         8 kHz/16 kHz           Audio Compression         G.711ulaw/AAC-LC	Illuminator			
Supplement Light Range         White Light: up to 15 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video         50 Hz:           25 fps (1920 × 1080, 1280 × 720)         60 Hz:           30 fps (1920 × 1080, 1280 × 720)           50 Hz:         25 fps (640 × 480, 640 × 360)           60 Hz:         30 fps (640 × 480, 640 × 360)           60 Hz:         30 fps (640 × 480, 640 × 360)           60 Hz:         30 fps (640 × 480, 640 × 360)           Video Compression         Main stream: H.265/H.264/H.264,           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           Audio         Type           Audio Type         Mono sound           Environment Noise Filtering         Yes           Audio Sampling Rate         8 kHz/16 kHz           Audio Compression         G.711ulaw/AAC-LC	Supplement Light Type	IR, White Light		
Smart Supplement Light         Yes           IR Wavelength         850 nm           Video           Main Stream         50 Hz:	6 1	IR: up to 20 m		
IR Wavelength         850 nm           Video         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)           Wideo Compression         Main stream: H.265+/H.265/H.264+/H.264,           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           Audio         Audio Type           Audio Type         Mono sound           Environment Noise Filtering         Yes           Audio Compression         6,711ulaw/AAC-LC	Supplement Light Range	White Light: up to 15 m		
Video           Main Stream         50 Hz:	Smart Supplement Light	Yes		
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)       60 Hz:         30 fps (640 × 480, 640 × 360)       win stream: H.265+H.265+H.264+H.264,         Sub-stream: H.265+H.265/H.264+MJPEG       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         Audio       Audio         Audio Type       Mono sound         Environment Noise Filtering       Yes         Audio Sampling Rate       8 kHz/16 kHz         Audio Compression       G.711ulaw/AAC-LC	IR Wavelength	850 nm		
Main Stream       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.264/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         Audio       CBR, VBR         Audio Type       Mono sound         Environment Noise Filtering       Yes         Audio Sampling Rate       8 kHz/16 kHz         Audio Compression       G.711ulaw/AAC-LC	Video			
Main Stream       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 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         Audio       CBR, VBR         Audio Type       Mono sound         Environment Noise Filtering       Yes         Audio Sampling Rate       8 kHz/16 kHz         Audio Compression       G.711ulaw/AAC-LC		50 Hz:		
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)  Wideo 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 H.265 Type Main Profile Bit Rate Control CBR, VBR  Audio  Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Main Standard	25 fps (1920 × 1080, 1280 × 720)		
Sub-Stream  50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)  Wideo 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  Audio  Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Main Stream	60 Hz:		
Sub-Stream  25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)  Wideo 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  Audio  Audio Type Mono sound Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC		30 fps (1920 × 1080, 1280 × 720)		
Sub-Stream 60 Hz: 30 fps (640 × 480, 640 × 360)  Video Compression  Main stream: 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  Audio  Audio Type Mono sound Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC		50 Hz:		
60 Hz: 30 fps (640 × 480, 640 × 360)  Wideo 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  Audio  Audio  Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Sub-Street	25 fps (640 × 480, 640 × 360)		
Video CompressionMain stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRAudioAudio TypeMono soundEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHzAudio CompressionG.711ulaw/AAC-LC	Sub-Stream	60 Hz:		
Video Compression  Sub-stream: H.265/H.264/MJPEG  Video Bit Rate  32 Kbps to 8 Mbps  H.264 Type  Baseline Profile, Main Profile  H.265 Type  Main Profile  Bit Rate Control  CBR, VBR  Audio  Audio  Audio Type  Mono sound  Environment Noise Filtering  Audio Sampling Rate  8 kHz/16 kHz  Audio Compression  G.711ulaw/AAC-LC		30 fps (640 × 480, 640 × 360)		
Sub-stream: H.265/H.264/MJPEG  Video Bit Rate 32 Kbps to 8 Mbps  H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile  Bit Rate Control CBR, VBR  Audio  Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Video Company	Main stream: H.265+/H.265/H.264+/H.264,		
H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR  Audio Audio Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz Audio Compression G.711ulaw/AAC-LC	video Compression	Sub-stream: H.265/H.264/MJPEG		
H.265 Type Main Profile  Bit Rate Control CBR, VBR  Audio  Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Video Bit Rate	32 Kbps to 8 Mbps		
Bit Rate Control  Audio  Audio  Audio Type  Mono sound  Environment Noise Filtering  Audio Sampling Rate  8 kHz/16 kHz  Audio Compression  G.711ulaw/AAC-LC	H.264 Type	Baseline Profile, Main Profile, High Profile		
Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	H.265 Type	Main Profile		
Audio Type Mono sound  Environment Noise Filtering Yes  Audio Sampling Rate 8 kHz/16 kHz  Audio Compression G.711ulaw/AAC-LC	Bit Rate Control	CBR, VBR		
Environment Noise Filtering  Audio Sampling Rate  8 kHz/16 kHz  Audio Compression  G.711ulaw/AAC-LC	Audio			
Audio Sampling Rate 8 kHz/16 kHz Audio Compression G.711ulaw/AAC-LC	Audio Type	Mono sound		
Audio Compression G.711ulaw/AAC-LC	Environment Noise Filtering	Yes		
· · · · · · · · · · · · · · · · · · ·	Audio Sampling Rate	8 kHz/16 kHz		
Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-I C)	Audio Compression	G.711ulaw/AAC-LC		
	Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)		



API Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK Protocols TCP/P, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS User/Host Up to 32 users 3 user levels: administrator, operator, and user  Client IVMS-4200  Web Browser Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  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 Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Yes, 1 built-in microphone Reset Key Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Weight Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Tupload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Pot: IEEE 802.38f, Class 3, max. 6.5 W  Material Plastic  Dimension 17.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.95 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions 30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Language English, Ukrainian	Network			
authentication for HTTP, security audit log, host authentication (MAC address) Simultaneous Live View Up to 6 channels  API Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS Uper/Host Up to 32 users 3 user levels: administrator, operator, and user  Client IVMS-4200  Web Browser Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  Image  Wide Dynamic Range (WDR) Digital WDR SNR 2 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 R45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone  Reset Key Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 450 g (0.59 lb.)  Storage Conditions 30°C to 45°C (-22°F to 113°F). Humidity 95% or less (non-condensing)  Language English, Ukrainian	Cocurity	Password protection, complicated password, watermark, basic and digest		
API Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK Protocols  TCP/P, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS User/Host  Up to 32 users 3 user levels: administrator, operator, and user  Client  IVMS-4200  Web Browser  Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  Image  Wide Dynamic Range (WDR)  Digital WDR  SNR  2 52 dB  Day/Night Switch  Day, Night, Auto, Schedule Image Enhancement  BLC, HLC, 3D DNR  Image Settings  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  1 programmable polygon privacy mask  Interface  Ethernel Interface  1 R.145 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  General  12 VDC ± 25%, 0.42 A, max. 5 W, ¢5.5 mm coaxial power plug, reverse polarity protection, Poe: IEEE 802.3af, Class 3, max. 6.5 W  Material  Plastic  Dimension  17.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.95 lb.)  With Package Weight  Approx. 250 g (0.99 lb.)  Storage Conditions  Language  English, Ukrainian	Security	authentication for HTTP, security audit log, host authentication (MAC address)		
Protocols  TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS  User/Host  Up to 32 users 3 user levels: administrator, operator, and user  Client  IVMS-4200  Web Browser  Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  Image  Wide Dynamic Range (WDR)  Digital WDR  SNR  ≥ 52 dB  Day/Night, Auto, Schedule  Image Enhancement  BLC, HLC, 3D DNR  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  1 programmable polygon privacy mask  Interface  Ethernet interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDMC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  Cheese  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Dimension  17.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  210 cla mm × 112 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.59 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  Language  English, Ukrainian	Simultaneous Live View	Up to 6 channels		
Up to 32 users 3 user levels: administrator, operator, and user  Client NVMS-4200 Web Browser Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  Image  Wide Dynamic Range (WDR) Digital WDR SNR \$2 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR  Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Yes, 1 built-in microphone  Reset Key Yes  Event  Basic Event Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions 30" C to 45 ° C (-22 ° F to 113 ° F). Humidity 95% or less (non-condensing)  Language English, Ukrainian	API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK		
Suser   Host   1	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS		
Suser levels: administrator, operator, and user	Llcor/Lloct	Up to 32 users		
Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+   Image	USEI/HUSL	3 user levels: administrator, operator, and user		
Web Browser         Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+           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         Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser           Privacy Mask         1 programmable polygon privacy mask           Interface         1 RJ45 10 M/100 M self-adaptive Ethernet port           On-Board Storage         Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB           Built-in Microphone         Yes, 1 built-in microphone           Reset Key         Yes           Event         Wotion detection (support alarm triggering by specified target type (human)), exception           Linkage         Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture           General         12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Post: IEEE 802.3af, Class 3, max. 6.5 W           Power         protection, Post: IEEE 802.3af, Class 3, max. 6.5 W           Material         Plastic           Dimension         172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")           Package Dimension <td>Client</td> <td>iVMS-4200</td>	Client	iVMS-4200		
Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+  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 Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage Built-in memory card slot, support microSD/microSDMC card, up to 512 GB Built-in Microphone Yes, 1 built-in microphone  Reset Key Yes  Event Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Eargluspe English, Ukrainian	Wala Drawaan	Plug-in required live view: IE 10, IE 11,		
Wide Dynamic Range (WDR)  Digital WDR  2 52 dB  Day/Night Switch  Day, Night, Auto, Schedule  Image Enhancement  BLC, HLC, 3D DNR  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  Interface  Ethernet Interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	web Browser	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
SNR 2 52 dB  Day/Night Switch Day, Night, Auto, Schedule  Image Enhancement BLC, HLC, 3D DNR  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone Yes, 1 built-in microphone  Reset Key Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Poe: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Conditions  Language English, Ukrainian	Image			
Day/Night Switch Image Enhancement BLC, HLC, 3D DNR Image Settings Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser Privacy Mask Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Reset Key Yes Event  Motion detection (support alarm triggering by specified target type (human)), exception Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72") Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6") Weight Approx. 250 g (0.55 lb.) With Package Weight Approx. 450 g (0.99 lb.) Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing) Conditions Language English, Ukrainian	Wide Dynamic Range (WDR)	Digital WDR		
Image Enhancement  Image Settings  Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  1 programmable polygon privacy mask  Interface  Ethernet Interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Conditions  Language  English, Ukrainian	SNR	≥ 52 dB		
Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser  Privacy Mask  1 programmable polygon privacy mask  Interface  Ethernet Interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Plastic  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Conditions  Language  English, Ukrainian	Day/Night Switch	Day, Night, Auto, Schedule		
Image Settings software or web browser  Privacy Mask 1 programmable polygon privacy mask  Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Reset Key Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, Pof: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72") Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.) With Package Weight Approx. 450 g (0.99 lb.) Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions Language English, Ukrainian	Image Enhancement	BLC, HLC, 3D DNR		
software or web browser  Privacy Mask  1 programmable polygon privacy mask  Interface  Ethernet Interface  1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Plastic  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language  English, Ukrainian		Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client		
Interface  Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port  On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Yes, 1 built-in microphone Reset Key Yes  Event  Basic Event Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Conditions  Language English, Ukrainian	image Settings	software or web browser		
Ethernet Interface 1 R RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Built-in Microphone Yes, 1 built-in microphone Reset Key Yes  Event  Basic Event Motion detection (support alarm triggering by specified target type (human)), exception  Linkage Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Conditions Language English, Ukrainian	Privacy Mask	1 programmable polygon privacy mask		
On-Board Storage  Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB  Built-in Microphone  Yes, 1 built-in microphone  Reset Key  Yes  Event  Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Plastic  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language  English, Ukrainian	Interface			
Built-in Microphone Yes, 1 built-in microphone  Reset Key Yes  Event  Basic Event Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °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		
Event         Basic Event       Motion detection (support alarm triggering by specified target type (human)), exception         Linkage       Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture         General       12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W         Material       Plastic         Dimension       172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")         Package Dimension       216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")         Weight       Approx. 250 g (0.55 lb.)         With Package Weight       Approx. 450 g (0.99 lb.)         Storage Conditions       -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)         Startup and Operating Conditions       -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)         Language       English, Ukrainian	On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
Basic Event  Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  English, Ukrainian	Built-in Microphone	Yes, 1 built-in microphone		
Motion detection (support alarm triggering by specified target type (human)), exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  English, Ukrainian	Reset Key	Yes		
Exception  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian	Event			
Linkage  Upload to memory card, notify surveillance center, send email, trigger recording, trigger capture  General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material  Plastic  Dimension  172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension  216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight  Approx. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language  English, Ukrainian	D : E .	Motion detection (support alarm triggering by specified target type (human)),		
General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	Basic Event	exception		
General  12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  English, Ukrainian	1.1	Upload to memory card, notify surveillance center, send email, trigger recording,		
Power 12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian	Linkage	trigger capture		
Power protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian	General			
PoE: IEEE 802.3af, Class 3, max. 6.5 W  Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian		12 VDC ± 25%, 0.42 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity		
Material Plastic  Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian	Power	protection,		
Dimension 172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")  Package Dimension 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")  Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  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. 250 g (0.55 lb.)  With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language  English, Ukrainian	Material	Plastic		
Weight Approx. 250 g (0.55 lb.)  With Package Weight Approx. 450 g (0.99 lb.)  Storage Conditions -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language English, Ukrainian	Dimension	172.9 mm × 66.9 mm × 69.1 mm (6.81" × 2.63" × 2.72")		
With Package Weight  Approx. 450 g (0.99 lb.)  Storage Conditions  -30 °C to 45 °C (-22 °F to 113 °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 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  Startup and Operating Conditions  Language  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	Weight	Approx. 250 g (0.55 lb.)		
Startup and Operating Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	With Package Weight	Approx. 450 g (0.99 lb.)		
Conditions  -30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)  English, Ukrainian	Storage Conditions	-30 °C to 45 °C (-22 °F to 113 °F). Humidity 95% or less (non-condensing)		
Conditions  Language English, Ukrainian	Startup and Operating	20 °C to 45 °C ( 22 °E to 112 °E) Humidity 05°/ or loss (non-condensing)		
	Conditions	-30 C to 43 C (-22 F to 113 F). Hullilarly 35% of less (Holl-collability)		
Constal Function   Heavtheat anti-handing rejurns promoted particle promoted and the second particle promoted particle promoted and the second particle promoted and the second particle particle promoted and the second particle part	Language	English, Ukrainian		
defieral ruffction — Heartbeat, anti-panding, mirror, password protection, password reset via email	General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email		



Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN
	50130-4: 2011 +A1: 2014, EN50121-4,
	KC: KN32: 2015, KN35: 2015
Safety	CB: IEC 62368-1: 2014+A11,
	CE-LVD: EN 62368-1: 2014/A11: 2017
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.

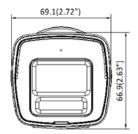
This model has NO SPECIFIC PROTECTION.

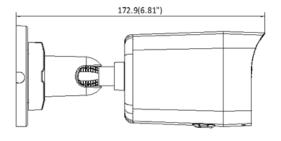
Level	Description	
	Hikvision products at this level are equipped for use in areas where professional	
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines,	
	docks, chemical plants, and more.	
	Hikvision products at this level are equipped for use in areas with moderate	
Moderate protection	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	
No specific protection	anti-corrosion protection is needed.	

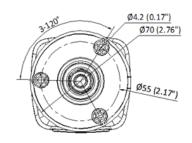
#### Available Model

DS-2CD1021G2-LIUF(2.8mm) DS-2CD1021G2-LIUF(4mm)

### Dimension







Unit: mm (inch)



# Accessory

## Optional

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-XS Junction box
•   P   P   P   P   P   P   P   P   P		<b>9</b> ,

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