

# DS-2CV1143G2-IDWF(B) 4 MP IR Fixed dome Wi-Fi Network Camera











- High quality imaging with 4 MP resolution
- Realizing Wi-Fi connection and easy installation
- Efficient H.265 compression technology
- EXIR 2.0, advanced infrared technology with long IR distance
- Support Human Detection
- Water and dust resistant (IP66)



## Specification

Image Sensor         1/2.7" Progressive Scan CMOS           Max. Resolution         256 × 1440           Min. Illumination         Color: 100 flux @ (F2.0, ASC 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 355", tilt:0" to 75", rotate: 0" to 355"           Lens         Type           Earn Type         Fixed focal lens, 2.8 and 4 mm optional           Aperture         F2.0           Aperture         F2.0           Iris Type         Fixed           Lens Mount         M12           Depth of Field         2.8 mm. 0.9 mto ∞           4 mm. 0.9 mto ∞         4 mm. 1.2 mto ∞           DORI           Jamm, D.59 m, D.20 m, R: 10 m, 1:5 m           4 mm, D.59 m, D.27 m, R: 13 m, 1:16 m           Bupplement Light Type         IR           Up to 30 m         Supplement Light Type         IR           IR Wavelength         950 m           Video         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Min Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           Goth: 2: 20 fps (768 × 432)	Camera			
Min. Illumination         Color: 0.01 Lux @ (F2.0, 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 355°, tilt: 0° to 75°, rotate: 0° to 355°           Lens         Tread I Length & FOV           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 91.1°, vertical FOV 63.8°, diagonal FOV 140.3°           Aperture         F2.0           Iris Type         Fixed           Lens Mount         M12           2.8 mm: 0.9 m to ∞         2.8 mm: 0.9 m to ∞           4 mm: 1.2 m to ∞         4 mm: 1.2 m to ∞           DORI           2.8 mm, D: 51 m, O: 20 m, R: 10 m, 1: 5 m           4 mm, D: 69 m, O: 27 m, R: 13 m, 1: 16 m           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Fixed         Supplement Light Range         Up to 30 m           Walength         Yes           IR Wavelength         Yes           Video         Sub-stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432) <td>Image Sensor</td> <td>1/2.7" Progressive Scan CMOS</td>	Image Sensor	1/2.7" Progressive Scan CMOS		
Shutter Time         1/3 s to 1/100,000 s           Day & Night         IR cut filter           Angle Adjustment         Pan: 0* to 355*, tillt:0* to 75*, rotate: 0* to 355*           Lens         Tumber           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 11.6.4*, vertical FOV 47.9*, diagonal FOV 140.3* d mm, horizontal FOV 91.1*, vertical FOV 47.9*, diagonal FOV 110.8*           Aperture         F.2.0           Iris Type         Fixed           Lens Mount         M12           2.8 mm: 0.9 m to ≈ d mm: 1.2 m to ≈         4 mm: 1.2 m to ∞           DORI         2.8 mm, 0.51 m, 0.20 m, R: 10 m, I: 5 m d mm: 1.2 m to ∞           DORI         2.8 mm, 0.51 m, 0.20 m, R: 10 m, I: 5 m d mm: 1.2 m to ∞           Bull Minimator         4 mm, 0.69 m, 0: 27 m, R: 13 m, I: 16 m           Supplement Light Type         IR           Supplement Light Type         On M           IR Wavelength         850 m           Wideo         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Bull Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         32 kbps to 4	Max. Resolution	2560 × 1440		
Day & Night         IR cut filter           Angle Adjustment         Pan: 0* to 355*, tilt: 0* to 75*, rotate: 0* to 355*           Lens         Isked focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 91.1*, vertical FOV 47.9*, diagonal FOV 140.3*           4 mm, horizontal FOV 91.1*, vertical FOV 47.9*, diagonal FOV 110.8*           Aperture         F2.0           Iris Type         Fixed           Lens Mount         M12           Depth of Field         2.8 mm: 0.9 m to ∞           4 mm: 1.2 m to ∞         4 mm: 1.2 m to ∞           DORI           2.8 mm: 0.9 m to ∞           4 mm, D: 69 m, O: 27 m, R: 10 m, I: 5 m         4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illumitator           Supplement Light Type         IR           8 To Wavelength         Yes           18 R Wavelength         Yes           18 R Wavelength         Yes           19 Min Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Bit Rate         3	Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR		
Angle Adjustment         Pan: 0" to 355", till: 0" to 75", rotate: 0" to 355"           Lens           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 116.4", vertical FOV 47.9", diagonal FOV 140.3" 4 mm, horizontal FOV 91.1", vertical FOV 47.9", diagonal FOV 110.8"           Aperture         F2.0           Iris Type         Fixed           Lens Mount         M12           Depth of Field         2.8 mm: 0.9 m to ∞ 4 mm: 1.2 m to ∞           DORI         2.8 mm, 0.51 m, 0.20 m, R: 10 m, I: 5 m 4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illuminator         IR           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         95 Mz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Wideo         Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Go Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Go Hz: 20 fps (768 × 432)         Go Hz: 20 fps (768 × 432)           Go Hz: 20 fps (768 × 432)         Go Hz: 20 fps (768 × 432)           Go Hz: 20 fps (768 × 432)         Go Hz: 20 fps (768 × 432)           Go	Shutter Time	1/3 s to 1/100,000 s		
Lens         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 91.1*, vertical FOV 63.8*, diagonal FOV 110.8*           Aperture         F2.0           Iris Type         Fixed           Lens Mount         M12           Depth of Field         2.8 mm: 0.9 m to ∞           4 mm: 1.2 m to ∞         4 mm: 0.5 m           DORI           18 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m           4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illuminator           Supplement Light Type           IR         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         Yes           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264           Video Compression         Main stream: H.265/H.264           Video Sit Rate         32 Kbps to 4 Mbps           H.264 Type         Main Profile </td <td>Day &amp; Night</td> <td colspan="3">IR cut filter</td>	Day & Night	IR cut filter		
Lens Type     Fixed focal lens, 2.8 and 4 mm optional       Focal Length & FOV     2.8 mm, horizontal FOV 91.1°, vertical FOV 63.8°, diagonal FOV 140.3°       Aperture     F2.0       Iris Type     Fixed       Lens Mount     M12       Depth of Field     2.8 mm: 0.9 m to ∞       4 mm: 1.2 m to ∞     4 mm: 0.9 m to ∞       4 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m     4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m       Illuminator       Supplement Light Type     IR       Supplement Light Range     Up to 30 m       Smart Supplement Light     Yes       IR Wavelength     850 nm       Video       OHz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)       60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)       60 Hz: 20 fps (768 × 432)       Video Compression     Main stream: H.265/H.264       Video Bit Rate     32 Kbps to 4 Mbps       H.265 Type     Main Profile, Main Profile, High Profile       Ht.265 Type     Main Profile       Bit Rate Control     CBR, VBR       Region of Interest (ROI)     1 fixed region for main stream       Audio     G711 (ulaw)/ (AAC-LC)       Audio Sampling Rate     8 kHz/16 kHz	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°		
Focal Length & FOV	Lens			
Aperture F2.0  Iris Type Fixed  Lens Mount M12  Depth of Field 2.8 mm; 0.9 m to ∞ 4 mm; 1.2 m to ∞  DORI  Illuminator  Supplement Light Type IR  Supplement Light Range Up to 30 m  Smart Supplement Light Yes  IR Wavelength 850 m  Video  Video  Sub-Stream 50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)  Sub-Stream 66 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432) Video Sub-Stream 4 Main Profile  H.265 Type Main Profile  Bit Rate Control CBR, VBR  Region of Interest (ROI) 1 fixed region for main stream  Audio Type  Audio Suppling Rate  F2.0  Main Stream 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)  Main Stream H.265/H.264, Sub-stream H.265/H.264  Video Compression Value Profile  Main Profile  Bit Rate Control CBR, VBR  Region of Interest (ROI) 1 fixed region for main stream  Audio Compression 6.711(ulaw)/(AAC-LC)  Audio Sampling Rate 8.8 Hz/16 kHz  Audio Sampling Rate  8 kHz/16 kHz  Audio Sampling Rate  8 kHz/16 kHz	Lens Type	Fixed focal lens, 2.8 and 4 mm optional		
A mm, horizontal FOV 91.1°, vertical FOV 47.9°, diagonal FOV 110.8°  Aperture Fixed  Lens Mount M12  Depth of Field 2.8 mm: 0.9 m to ∞ 4 mm: 1.2 m to ∞  A mm; 1.2 m to ∞  DORI  DORI 2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m 4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m  Illuminator  Supplement Light Type IR  Supplement Light Range Up to 30 m  Smart Supplement Light Range W50 nm  Video  Video  Main Stream 50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)  60 Hz: 20 fps (768 × 432) 40 Main stream: H.265/H.264  Video Compression Wain stream: H.265/H.264  Video It Rate 3 2k kbps to 4 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 Type Mono sound  Audio Type Mono sound  Audio Sampling Rate 8 kHz/16 kHz  Audio Sampling Rate  8 kHz/16 kHz	Facal Law ath 9 FOV	2.8 mm, horizontal FOV 116.4°, vertical FOV 63.8°, diagonal FOV 140.3°		
Iris Type         Fixed           Lens Mount         M12           2.8 mm: 0.9 m to ∞ 4 mm: 1.2 m to ∞           DORI           2.8 mm, D:51 m, O:20 m, R: 10 m, I:5 m 4 mm, D:69 m, O:27 m, R: 13 m, I:16 m           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         850 m           Video         Video           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264, Sub-stream: H.265/H.264           Video Bit Rate         32 Kbps to 4 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 Type         Mono sound           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz </td <td>Focal Length &amp; FOV</td> <td colspan="2">4 mm, horizontal FOV 91.1°, vertical FOV 47.9°, diagonal FOV 110.8°</td>	Focal Length & FOV	4 mm, horizontal FOV 91.1°, vertical FOV 47.9°, diagonal FOV 110.8°		
Lens Mount         M12           Depth of Field         2.8 mm: 0.9 m to ∞ 4 mm: 1.2 m to ∞           DORI           2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m 4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264, Sub-stream: H.265/H.264           Video Bit Rate         32 kbps to 4 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 Type         Mono sound           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Aperture	F2.0		
Depth of Field         2.8 mm: 0.9 m to ∞           A mm: 1.2 m to ∞           DORI           2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m           4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           5 mart Supplement Light         Yes           IR Wavelength         850 nm           Video           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264,           Video Bit Rate         32 Kbps to 4 Mbps           H.264 Type         Baseline Profile, Main Profile, High Profile           H.265 Type         Main Profile           Bit Rate Control         CBR, VBR           Region of Interest (ROI)         A min Profile           Brack Control         CBR, VBR           Audio         Type           Audio Type         Mono sound           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/(AA	Iris Type	Fixed		
DoRI         2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m           Illuminator         4 mm; D: 69 m, O: 27 m, R: 13 m, I: 16 m           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H,265/H,264,           Video Bit Rate         32 Kbps to 4 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 Type         Mono sound           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Bit Rate         64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Lens Mount	M12		
A mm: 1.2 m to ∞           DORI           2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m           4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video           50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)           Wideo Compression         Main stream: H.265/H.264,           Video Bit Rate         32 Kbps to 4 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 Type         Mono sound           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/(AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Davids of Field	2.8 mm: 0.9 m to ∞		
DORI   2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m   4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m	Depth of Field	4 mm: 1.2 m to ∞		
Name	DORI			
Milluminator	DODI	2.8 mm, D: 51 m, O: 20 m, R: 10 m, I: 5 m		
Supplement Light Type         IR           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           IR Wavelength         850 nm           Video           Wain Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)         60 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264           Video Bit Rate         32 Kbps to 4 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         Type           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/(AAC-LC)           Audio Bit Rate         64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         8 KHz/16 kHz	DURI	4 mm, D: 69 m, O: 27 m, R: 13 m, I: 16 m		
Supplement Light RangeUp to 30 mSmart Supplement LightYesIR Wavelength850 nmVideoVideoMain Stream50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432)Video CompressionMain stream: H.265/H.264, Sub-stream: H.265/H.264Video Bit Rate32 Kbps to 4 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRRegion of Interest (ROI)1 fixed region for main streamAudioAudioAudio TypeMono soundAudio CompressionG.711(ulaw)/ (AAC-LC)Audio Bit Rate64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)Audio Sampling Rate8 kHz/16 kHz	Illuminator			
Smart Supplement Light         Yes           IR Wavelength         850 nm           Video           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264,           Video Bit Rate         32 kbps to 4 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           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Bit Rate         64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Supplement Light Type	IR		
IR Wavelength         850 nm           Video         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264,           Video Bit Rate         32 Kbps to 4 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           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Bit Rate         64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Supplement Light Range	Up to 30 m		
Video           Main Stream         50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 20 fps (768 × 432)           60 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)           Video Compression         Main stream: H.265/H.264, Sub-stream: H.265/H.264           Video Bit Rate         32 Kbps to 4 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           Audio Type         Mono sound           Audio Compression         G.711(ulaw)/ (AAC-LC)           Audio Bit Rate         64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         8 kHz/16 kHz	Smart Supplement Light	Yes		
Main Stream       50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 20 fps (768 × 432)         60 Hz: 20 fps (768 × 432)       60 Hz: 20 fps (768 × 432)         Video Compression       Main stream: H.265/H.264, Sub-stream: H.265/H.264         Video Bit Rate       32 Kbps to 4 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         Audio Compression       G.711(ulaw)/ (AAC-LC)         Audio Sampling Rate       8 kHz/16 kHz	IR Wavelength	850 nm		
Main Stream 60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)  Sub-Stream 50 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432)  Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264  Video Bit Rate 32 Kbps to 4 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  Audio Compression G.711(ulaw)/(AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Video			
Sub-Stream  50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)  50 Hz: 20 fps (768 × 432)  60 Hz: 20 fps (768 × 432)  Wideo Compression  Main stream: H.265/H.264, Sub-stream: H.265/H.264  Video Bit Rate  32 Kbps to 4 Mbps  H.264 Type  Baseline Profile, Main Profile  H.265 Type  Main Profile  Bit Rate Control  CBR, VBR  Region of Interest (ROI)  Audio Type  Mono sound  Audio Compression  G.711(ulaw)/ (AAC-LC)  Audio Sampling Rate  8 kHz/16 kHz	Main Streem	50 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		
Sub-Stream 60 Hz: 20 fps (768 × 432)  Video Compression Main stream: H.265/H.264, Sub-stream: H.265/H.264  Video Bit Rate 32 Kbps to 4 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 Audio Compression G.711(ulaw)/ (AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Main Su eam	60 Hz: 20 fps (2560 × 1440, 1920 × 1080, 1280 × 720)		
Wideo Compression  Main stream: H.265/H.264, Sub-stream: H.265/H.264  Video Bit Rate  32 Kbps to 4 Mbps  H.264 Type  Baseline Profile, Main 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  Audio Compression  G.711(ulaw)/ (AAC-LC)  Audio Bit Rate  64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate  8 kHz/16 kHz	Suh-Stroam	50 Hz: 20 fps (768 × 432)		
Video CompressionSub-stream: H.265/H.264Video Bit Rate32 Kbps to 4 MbpsH.264 TypeBaseline Profile, Main ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRRegion of Interest (ROI)1 fixed region for main streamAudioAudio TypeAudio TypeMono soundAudio CompressionG.711(ulaw)/ (AAC-LC)Audio Bit Rate64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)Audio Sampling Rate8 kHz/16 kHz	Sub-Stream	60 Hz: 20 fps (768 × 432)		
Sub-stream: H.265/H.264  Video Bit Rate 32 Kbps to 4 Mbps  H.264 Type Baseline Profile, Main 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  Audio Compression G.711(ulaw)/ (AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Video Compression	Main stream: H.265/H.264,		
H.264 Type Baseline Profile, Main 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 Audio Compression G.711(ulaw)/ (AAC-LC) Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz	video compression	Sub-stream: H.265/H.264		
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  Audio Compression G.711(ulaw)/ (AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Video Bit Rate	32 Kbps to 4 Mbps		
Bit Rate Control  Region of Interest (ROI)  1 fixed region for main stream  Audio  Audio Type  Mono sound  Audio Compression  G.711(ulaw)/ (AAC-LC)  Audio Bit Rate  64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate  8 kHz/16 kHz	H.264 Type	Baseline Profile, Main Profile, High Profile		
Region of Interest (ROI)  Audio  Audio  Audio Type  Mono sound  Audio Compression  G.711(ulaw)/(AAC-LC)  Audio Bit Rate  64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate  8 kHz/16 kHz	H.265 Type	Main Profile		
Audio Type Mono sound Audio Compression G.711(ulaw)/ (AAC-LC) Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz	Bit Rate Control	CBR, VBR		
Audio Type Mono sound  Audio Compression G.711(ulaw)/ (AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Region of Interest (ROI)	1 fixed region for main stream		
Audio Compression G.711(ulaw)/ (AAC-LC)  Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate 8 kHz/16 kHz	Audio			
Audio Bit Rate 64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz	Audio Type	Mono sound		
Audio Sampling Rate 8 kHz/16 kHz	Audio Compression	G.711(ulaw)/ (AAC-LC)		
· ·	Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)		
Environment Noise Filtering Yes	Audio Sampling Rate	8 kHz/16 kHz		
	Environment Noise Filtering	Yes		



Network			
	Password protection, complicated password, watermark, basic and digest		
Security	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	ISAPI, SDK		
Drotocolo	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS,		
Protocols	UPnP		
Head Head	Up to 32 users		
User/Host	3 user levels: administrator, operator, and user		
Client	iVMS-4200		
Web Browser	Chrome 57.0+, Firefox 52.0+, Edge 89+		
Wi-Fi			
Wi-Fi Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax		
Frequency Range	2.4 GHz to 2.4835 GHz		
Channel Bandwidth	20/40MHz (Only 11n supports 40MHz)		
	802.11b: DBPSK, DQPSK, CCK		
Modulation	802.11g: BPSK, QPSK, 16QAM, 64QAM		
	802.11n: BPSK, QPSK, 16QAM, 64QAM		
	802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM		
Encryption Mode	WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK		
777	IEEE802.11b: up to 11 Mbps		
	IEEE802.11g: up to 54 Mbps		
Transfer Rate	IEEE802.11n: up to 150 Mbps		
	IEEE802.11ax: up to 114 Mbps		
	Up to 120 m		
Wireless Range	(The performance varies based on actual environment)		
Antenna	2 Antennas		
Image			
Image Parameters Switch	Yes		
Wide Dynamic Range (WDR)	Digital WDR		
SNR	≥ 52 dB		
Day/Night Switch	Day, Night, Auto, Schedule		
Image Enhancement	BLC, HLC, 3D DNR		
mage Limancement	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client		
Image Settings			
Duive av Ma alv	software or web browser		
Privacy Mask	4 programmable polygon privacy masks		
Interface	Voc.		
Built-in Microphone	Yes		
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.		
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
Reset Key	Yes		
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
Event			
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle))		



Linkage	Notify surveillance center, audible warning	
General		
Power	12 VDC ± 25%, 0.6 A, max. 7.2 W, Ø5.5 mm coaxial power plug, reverse polarity	
Power	protection, A switching adapter is included in the package.	
Language	English, Ukranian	
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)	
Material	Base: Metal, front cover: Polycarbonate, back cover: Polycarbonate	
Dimension	Ø125.9 mm × 96.1 mm (Ø5" × 3.8")	
Package Dimension	170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")	
Weight	Approx. 590 g (1.3 lb.)	
General Function	Heartbeat, mirror, password protection, anti-banding	
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	
RF	CE-RED: EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1 (BT or 2.4G); EN	
	300328 V2.1.1 (BT or 2.4G); EN 62311:2008 (BT or 2.4G)	
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	IP66: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.

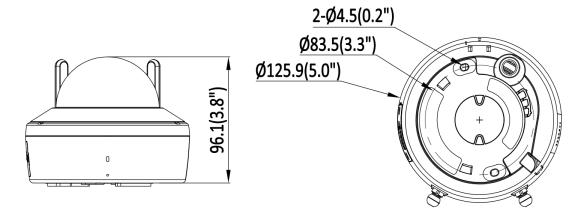
Level	Description	
	Hikvision products at this level are equipped for use in areas where professional	
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines ,	
	docks, chemical plants, and more.	
	Hikvision products at this level are equipped for use 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 enocific 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-2CV1143G2-IDWF(2.8mm)(B) DS-2CV1143G2-IDWF(4mm)(B)



## Dimension



Unit:mm(inch)

- Accessory
- Optional

DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120
Wall mount	Wall mount	Pendant Mount

## See Far, Go Further



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