

DS-2CD3643G2-IZS

4 MP AcuSense Motorized Varifocal Bullet Network Camera

AcuSense













Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- High quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)
- Junction box included in the package



Specification

Inage Sensor 1/3* Progressive Scan CMOS Max. Resolution 2688 x 1520 Min. Illumination Color: 0.005 Lux @ (F1.6, 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 90*, rotate: 0* to 360* Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102* to 31*, vertical FOV 55* to 18*, diagonal FOV 122* to 36* Lens Mount Ø14 Iris Type Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m, O: 25.4	Camera			
Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Shutter Time J/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360° Lens Lens Type Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102° to 31°, vertical FOV 55° to 18°, diagonal FOV 122° to 36° Lens Mount Ø14 Liris Type Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm; D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m Illuminator Supplement Light Type IR Supplement Light Range Up to 60 m Smart Supplement Light Yes S50 m IR Wavelength Yes IR Wavelength Yes Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360) Sub-Stream 50 Hz: 20 fps (1280 x 720, 640 x 480, 640 x 360) Sub-stream: H. 265/H. 264/H. 264/H. 264+H. 265+ Video Compressi	Image Sensor	1/3" Progressive Scan CMOS		
Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", tilt: 0" to 90", rotate: 0" to 360" Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102" to 31", vertical FOV 55" to 18", diagonal FOV 122" to 36" Lens Mount Ø14 Iris Type Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m UDRI <th< td=""><td>Max. Resolution</td><td colspan="3">2688 × 1520</td></th<>	Max. Resolution	2688 × 1520		
Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", tilt: 0" to 90", rotate: 0" to 360" Lens Varifocal lens, motorized lens, 2.7 to 13.5 mm Eventure Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102" to 31", vertical FOV 55" to 18", diagonal FOV 122" to 36" Lens Mount Ø14 List Stype Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm: D: 64 m to 200 m, 0: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m BORI Illuminator Supplement Light Type IR Supplement Light Range Up to 60 m Sward Supplement Light Yes IR Wavelength Yes IR Wavelength Yes Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Third Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) Fill Stream is supported under certain settings. <td>Min. Illumination</td> <td colspan="3">Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR</td>	Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR		
Angle Adjustment Pan: 0" to 355", tilt: 0" to 90", rotate: 0" to 360" Lens Lens Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102" to 31", vertical FOV 55" to 18", diagonal FOV 122" to 36" Lens Mount Ø14 Iris Type Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m Illuminator Supplement Light Type IR Supplement Light Range Up to 60 m Smart Supplement Light Yes Is Wavelength 80 m Video 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Ohz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360) Sub-Stream 50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) Third Stream: 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) T	Shutter Time	1/3 s to 1/100,000 s		
Lens Lens Type Varifocal lens, motorized lens, 2.7 to 13.5 mm Focal Length & FOV 2.7 to 13.5 mm, horizontal FOV 102° to 31°, vertical FOV 55° to 18°, diagonal FOV 122° to 35° Lens Mount Ø14 Iris Type Auto-iris Aperture F1.6 DORI 2.7 to 13.5 mm; D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m Illuminator 2.7 to 13.5 mm; D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m Supplement Light Type IR Supplement Light Range Up to 60 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (1280 x 720, 640 x 480, 640 x 360) 60 Hz: 30 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 30 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 40 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 40 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 50 Hz: 25 fps (2688	Day & Night	IR cut filter		
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Pocal Length & FOV	Lens			
Lens Mount	Lens Type	Varifocal lens, motorized lens, 2.7 to 13.5 mm		
Iris Type	Focal Length & FOV	_		
Aperture F1.6 DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m BIUMINIATOR Supplement Light Type IR Supplement Light Range Up to 60 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (1280 x 720, 640 x 480, 640 x 360) 60 Hz: 30 fps (1280 x 720, 640 x 480, 640 x 360) 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) Third Stream Main stream: H.265/H.264/H.264+/H.265+ Video Compression Main stream: H.265/H.264/MIJPEG Third stream is upported under certain settings. Wale Rate Video Rate Video Bit Rate 32 Kbps to 8 Mbps H.265/H.264/MIJPEG Third stream: H.265/H.264/MIJPEG Wale Rate Control CBR/VBR <td< td=""><td>Lens Mount</td><td>Ø14</td></td<>	Lens Mount	Ø14		
DORI 2.7 to 13.5 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m Illuminator Supplement Light Type IR Supplement Light Range Up to 60 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream is supported under certain settings. Main stream: H.265/H.264/H.264/H.264+/H.265+ Video Compression 32 Kbps to 8 Mbps H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Wain Profile H.265 Type Main Profile Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixer regions for main	Iris Type	Auto-iris		
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Supplement Light Range Up to 60 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+H.265+ Video Compression Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Third 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Comp	Illuminator			
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R Wavelength	Supplement Light Range	Up to 60 m		
Video 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Video Compression Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate 64 Kbps (G.7211ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Smart Supplement Light	Yes		
Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) Third Stream 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Video Compression Sub-stream: H.265/H.264/MJPEG Third stream is H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	IR Wavelength	850 nm		
Main Stream 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Wideo Compression Main stream: H.265/H.264/H.264+/H.265+ 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Video			
Sub-Stream 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) Third Stream 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Main Chuann	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)		
Sub-Stream 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream *Third stream is supported under certain settings. Video Compression Main stream: H.265/H.264/H.264+/H.265+ 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726.1)16 to 64 Kbps	Main Stream	60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)		
60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360) 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Video Compression 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.712.1)/16 Kbps (G.722.1)/16 Kbps (G.726.1)/16 to 64 Kbps	Cub Chungan	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)		
Third Stream 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Sub-Stream	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)		
*Third stream is supported under certain settings. Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps		50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)		
Wain stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)		
Video Compression Sub-stream: H.265/H.264/MJPEG Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps		*Third stream is supported under certain settings.		
Third stream: H.265/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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps		Main stream: H.265/H.264/H.264+/H.265+		
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 Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Video Compression	Sub-stream: H.265/H.264/MJPEG		
H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile Bit Rate Control CBR/VBR Scalable Video Coding (SVC) Region of Interest (ROI) Target Cropping Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps		Third stream: H.265/H.264		
H.265 Type Main Profile Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Video Bit Rate	32 Kbps to 8 Mbps		
Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	H.264 Type	Baseline Profile/Main Profile/High Profile		
Scalable Video Coding (SVC) Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Target Cropping Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	H.265 Type	Main Profile		
Region of Interest (ROI) 5 fixed regions for main stream and sub-stream Yes Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Bit Rate Control	CBR/VBR		
Target Cropping Audio Audio Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Scalable Video Coding (SVC)	H.264 and H.265 encoding		
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Region of Interest (ROI)	5 fixed regions for main stream and sub-stream		
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Target Cropping	Yes		
64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps	Audio			
Audio Bit Rate	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC		
(AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)	Audia Dit Data	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 to 64 Kbps		
	Auulu dit Nate	(AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)		



Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
Environment Noise Filtering	Yes		
Network			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets		
Simultaneous Live View	Up to 6 channels		
API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK, ISUP		
User/Host	Up to 32 users. 3 user levels: administrator, operator and user		
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface		
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.		
Client	iVMS-4200, Hik-Connect, Hik-Central		
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
Image			
Image Parameters Switch	Yes		
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser		
Day/Night Switch	Day, Night, Auto, Schedule		
Wide Dynamic Range (WDR)	120 dB		
SNR	≥ 52 dB		
Image Enhancement	BLC, HLC, 3D DNR		
Privacy Mask	Yes		
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		
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), two-core terminal block, max. output amplitude: 3.3 vpp, output impedance: 100 Ω , interface type: non-equilibrium		
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)		
Reset Key	Yes		
Event			
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception		
Smart Event	unattended baggage detection, object removal detection		
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output		
Deep Learning Function			
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)		



General			
Power	12 VDC ± 25%,1.08 A, max. 13 W, Ø5.5 mm coaxial power plug		
	PoE: IEEE 802.3at, Class 4, 42.5 V to 57 V, 0.36 A to 0.27 A, max. 15 W		
Material	Aluminum alloy body		
Dimension	Ø105.1 mm × 348.5 mm (Ø4.1" × 13.7")		
Package Dimension	385 mm × 190 mm × 180 mm (15.2" × 7.5" × 7.1")		
Weight	Approx. 1390 g (3 lb.)		
With Package Weight	Approx. 2236 g (4.9 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	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian,		
	Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish,		
	Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese,		
	Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian		
General Function	Anti-banding, heartbeat, password reset via email, pixel counter, mirror		
Approval			
	FCC (47 CFR Part 15, Subpart B);		
	CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011		
EMC	+A1: 2014);		
EIVIC	RCM (AS/NZS CISPR 32: 2015);		
	IC (ICES-003: Issue 6, 2016);		
	KC (KN 32: 2015, KN 35: 2015)		
	UL (UL 60950-1);		
Safety	CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013);		
	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013);		
	BIS (IS 13252(Part 1):2010+A1:2013+A2:2015);		
	LOA (IEC/EN 60950-1)		
Environment	CE-RoHS (2011/65/EU);		
	WEEE (2012/19/EU);		
	Reach (Regulation (EC) No 1907/2006)		
Protection	IP67 (IEC 60529-2013);		
	IK10 (IEC 62262: 2002)		

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	
Too lovel avatastics	where professional anti-corrosion protection is a must.	
Top-level protection	Typical application scenarios include coastlines, docks,	
	chemical plants, and more.	
Moderate protection	Hikvision products at this level are equipped for use in areas	

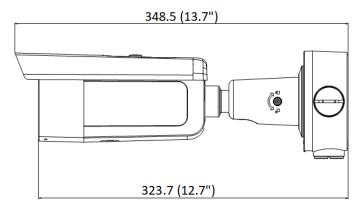


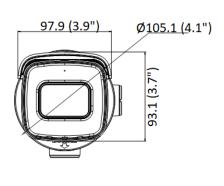
	with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Available Model

DS-2CD3643G2-IZS(2.7-13.5mm)

Dimension





Unit: mm (inch)

Accessory

Included



Optional

DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS
Vertical pole mount	Corner mount	Vertical pole mount
\$ 6 f		





Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

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