

DS-2CD2747G2-LZS 4 MP ColorVu Motorized Varifocal Dome Network Camera















Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- 24/7 colorful imaging
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)





Specification

Image Sensor 1/1.8" Progressive Scan CMOS Min. Illimination Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light Shutter Speed 1/3 s to 1/100,000 s Slow Shutter Yes P/N Wide Dynamic Range 130 dB Angle Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355" Power-off Memory Yes Lens Type User Stype Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 112.2" to 55" Lens Mount Ø20 First Type Fixed Apperture F1.0 DORI D: 69 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m White Light Range Up to 40 m Witer Light Range Up to 40 m Video Video White Light Range 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) White Light Canage 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) White Light Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (2688 x 1520, 1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) Folica Stream: Hz Sci Hz, 264 Hz, 265 Hz, 264 Hz,	Camera					
Shutter Speed 1/3 s to 1/100,000 s Slow Shutter Yes P/N P/N Wide Dynamic Range 130 dB Angle Adjustment Pan: 0° to 355°, tilti: 0° to 75°, rotate: 0° to 355° Power-off Memory Yes Lens Vermout Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55° Lens Mount Ø20 Inst Type Fixed Aperture F1.0 DORI F1.0 DORI P5 White Light Range Up to 40 m Video Video White Light Range Up to 40 m Video S0 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-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) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 3	Image Sensor	1/1.8" Progressive Scan CMOS				
Slow Shutter Yes P/N P/N Wide Dynamic Range 130 dB Angle Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355" Power-off Memory Yes Lens Verifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 2.6 to 9 mm, horizontal FOV 92.3" to 48", vertical FOV 48.4" to 27", diagonal FOV 112.2" to 55" Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI D: 69 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes Wideo Verifical Seas x 1520 Main Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (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) 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)	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light				
P/N P/N Wide Dynamic Range 130 dB Angle Adjustment Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° Power-off Memory Yes Very Very Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 12.2° to 55° Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI Till Den Type Many Type Yes White Light Range Yes White Light Range Yes White Light Range Yes Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 50 Hz: 30 fps (5808 × 1520, 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) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 ×	Shutter Speed	1/3 s to 1/100,000 s				
Wide Dynamic Range 130 dB Angle Adjustment Pan: 0* to 355°, tilt: 0* to 75°, rotate: 0* to 355° Power-Off Memory Yes Lens Ves Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3* to 48*, vertical FOV 48.4* to 27*, diagonal FOV 112.2* to 55° Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI 59 m to 124 m, 0: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Ves Smart Supplement Light Yes White Light Range Up to 40 m Video Visco Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 7 Third stream is supported under certain settings. </td <td>Slow Shutter</td> <td colspan="4">Yes</td>	Slow Shutter	Yes				
Angle Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355" Power-off Memory Yes Lens Verifical lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3" to 48", vertical FOV 48.4" to 27", diagonal FOV 112.2" to 55" Lens Mount Ø20 Iris Type Fixed Aperture 1.0 DORI DORI Iliumitator Smart Supplement Light Yes White Light Range Up to 40 m Video OHz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) For Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) For 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: H.265/H.264/MJPEG 7 hird stream is supported under certain settings. Video Bit Rate 32	P/N					
Power-off Memory Yes Lens Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55° Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI ORI Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 40 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 40 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 40 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 40 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 40 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)<	Wide Dynamic Range	<u> </u>				
Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55° Lens Mount Ø20 Iris Type Fixed Aperture p1.0 DOR! DOR BOR More Type So 96 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DOR! DOR! Imministry So 96 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DOR! Imministry So Portal Day 1, 24 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DOR! DOR! DOR! DO 90 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DOR! DO 90 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DO 90 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m DO 90 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°				
Lens Type Varifocal lens, motorized lens, 3.6 to 9 mm Focal Length & FOV 3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55° Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI DORI Iliumitator Smart Supplement Light Yes Mithe Light Range Up to 40 m White Light Range 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Max. Resolution 2688 × 1520 Max. Sesolution 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) OS DV: 25 fps (640 × 480, 640 × 360) GO Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Third Stream Main stream: H.265/H.264/H.265+/H.264+ Wuldeo Compression Main stream: H.265/H.264/H.265+/H.264+ White Substream: H.265/H.264/H.265+/H.264+ White Substream: H.265/H.264/H.265+/H.264+ White Substream: H.26	Power-off Memory	Yes				
Social Length & FOV 112.2* to 55°	Lens					
Focal Length & FOV 112.2° to 55° Lens Mount Ø20 Iris Type Fixed Aperture F1.0 DORI DORI Do 69 m to 124 m, 0: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 x 1520 Max. Resolution 2688 x 1520 Sub-Stream 50 Hz: 25 fps (2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) Finity stream is supported under certain settings. Wideo Compression Main stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main stream supports <td>Lens Type</td> <td>Varifocal lens, motorized lens, 3.6 to 9 mm</td>	Lens Type	Varifocal lens, motorized lens, 3.6 to 9 mm				
Iris Type Fixed Aperture F1.0 DORI DORI D: 69 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Max. Resolution 2688 × 1520 Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 50 Hz: 25 fps (1920 × 1080, 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) 4 Third stream is supported under certain settings. Video Compression Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.265 Type Main stream supports </td <td>Focal Length & FOV</td> <td colspan="4"></td>	Focal Length & FOV					
Aperture F1.0 DORI D: 69 m to 124 m, 0: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Sub-Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) * Hird stream is supported under certain settings. Video Compression Main stream: H.265/H.264/H.265+/H.264+ Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Main Profile <t< td=""><td>Lens Mount</td><td>Ø20</td></t<>	Lens Mount	Ø20				
DORI D: 69 m to 124 m, 0: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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. Wideo Compression Main stream: H.265/H.264/H.265+/H.264+ White Stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.265 Hz.264 Hype Baseline Profile/Main Profile/High Profile H.265 Hz.264 Hype Main Profile <th cols<="" td=""><td>Iris Type</td><td colspan="4">Fixed</td></th>	<td>Iris Type</td> <td colspan="4">Fixed</td>	Iris Type	Fixed			
DORI D: 69 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 7 hird Stream 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 7 hird stream is supported under certain settings. Video Compression Main stream: H.265/H.264/H.265+H.264 7 hird stream: H.265/H.264/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 stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Aperture	F1.0				
Illuminator Smart Supplement Light Yes White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 7 hird Stream 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 8 hird stream: H. 265/H. 264/H. 265+/H. 264+ Sub-stream: H. 265/H. 264/H. 265+/H. 264+ 8 Sub-stream: H. 265/H. 264/MJPEG Third stream: H. 265/H. 264/MJPEG 7 hird stream: supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H. 264 Type Baseline Profile/Main Profile/High Profile H. 265 Type Main stream supports H. 265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H. 265 and H. 264 encoding	DORI					
Smart Supplement Light Yes White Light Range Up to 40 m Video Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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. Wideo Compression Main stream: H.265/H.264/H.265+/H.264+ *Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	DORI	D: 69 m to 124 m, O: 27.4 m to 49.3 m, R: 13.8 m to 24.8 m, I: 6.9 m to 12.4 m				
White Light Range Up to 40 m Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 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. Video Compression Main stream: H.265/H.264/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 stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Illuminator					
Video Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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.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 H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Smart Supplement Light	Yes				
Max. Resolution 2688 × 1520 Main Stream 50 Hz: 25 fps (2688 × 1520, 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) 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. Wideo Compression Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	White Light Range	Up to 40 m				
Main Stream 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Sub-Stream 50 Hz: 25 fps (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. Wideo Compression Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Video					
Main Stream 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Third Stream 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. Wain stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Max. Resolution	2688 × 1520				
Sub-Stream 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Find 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. Video Compression Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main stream supports H.265+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
Sub-Stream 60 Hz: 30 fps (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.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.265+ Main stream supports H.265+ Main stream supports H.265+ Main stream supports H.265 and H.264 encoding Scalable Video Coding (SVC) H.265 and H.264 encoding	Main Stream	60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)				
60 Hz: 30 fps (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.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	C C	50 Hz: 25 fps (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.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.265+ Main stream supports H.265+ Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)				
*Third stream is supported under certain settings. Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.265+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)				
Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		*Third stream is supported under certain settings.				
Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile High Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		Main stream: H.265/H.264/H.265+/H.264+				
Third stream: H.265/H.264 *Third stream is supported under certain settings. Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile H.265+ Main stream supports H.265+ Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	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 Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	video Compression	Third stream: H.265/H.264				
H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding		*Third stream is supported under certain settings.				
H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	Video Bit Rate	32 Kbps to 8 Mbps				
H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.264 Type	Baseline Profile/Main Profile/High Profile				
H.265+ Main stream supports Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.265 Type	Main Profile				
Bit Rate Control CBR/VBR Scalable Video Coding (SVC) H.265 and H.264 encoding	H.264+	Main stream supports				
Scalable Video Coding (SVC) H.265 and H.264 encoding	H.265+	Main stream supports				
	Bit Rate Control	CBR/VBR				
Region of Interest (ROI) 1 fixed region for main stream and sub-stream	Scalable Video Coding (SVC)	H.265 and H.264 encoding				
	Region of Interest (ROI)	1 fixed region for main stream and sub-stream				



Audio					
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC				
Audio Dit Data	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps				
Audio Bit Rate	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC)				
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, ARP				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK				
User/Host	Up to 32 users. 3 user levels: administrator, operator and user				
	Password protection, complicated password, HTTPS encryption, IP address filter,				
Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE				
	and digest authentication for Open Network Video Interface				
	NAS (NFS, SMB/CIFS), auto network replenishment (ANR)				
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health				
	detection are supported				
Client	iVMS-4200, Hik-Connect, Hik-Central				
	Plug-in required live view: IE 10+				
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+				
	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
Image Parameters Switch	Yes				
Imaga Cattings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance				
Image Settings	adjustable by client software or web browser				
Day/Night Switch	Auto, Schedule				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support micro SD/SDHC/SDXC slot, up to 256 GB				
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input				
Audio	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 (human and vehicle targets classification), video tampering alarm,				
	exception				
Smart Event	Scene change detection				
Deep Learning Function					
Face Capture	Yes				



	Line crossing detection, intrusion detection, region entrance detection, region exiting				
Perimeter Protection	detection				
	Supports human and vehicle targets classification				
General	- Capperto manuar and remote tangets statements.				
Centerui	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger				
Linkage Method	capture, send email				
Material	Metal				
Dimension	Ø155 mm × 152 mm (Ø6.1" × 6.0")				
Package Dimension	227 mm × 198 mm × 220 mm (8.9" × 7.8" × 8.7")				
Weight	Approx. 1520 g (3.4 lb.)				
	- 1				
With Package Weight	Approx. 2109 g (4.6 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)				
	33 languages				
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,				
Language	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-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel				
General Function	counter				
Firmware Version	V5.5.113				
Software Reset	Yes				
Power Consumption and Current	12 VDC, 0.9 A, max. 10.8 W				
rower consumption and current	PoE (802.3af, 36 V to 57 V), 0.36 A to 0.23 A, max. 12.9 W				
Dower Supply	12 VDC ± 25%				
Power Supply	PoE: 802.3af, Class 3				
Power Interface	Ø5.5 mm coaxial power plug				
Approval					
	FCC SDoC (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				
5140	+A1: 2014);				
EMC	RCM (AS/NZS CISPR 32: 2015);				
	IC VoC (ICES-003: Issue 6, 2016);				
	KC (KN 32: 2015, KN 35: 2015)				
Safety	UL (UL 60950-1);				
	CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);				
	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);				
	LOA (IEC/EN 60950-1)				
	CE-RoHS (2011/65/EU); WEEE (2012/19/EU);				
Environment	Reach (Regulation (EC) No 1907/2006)				
Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)				

Available Model

DS-2CD2747G2-LZS (3.6 to 9 mm)



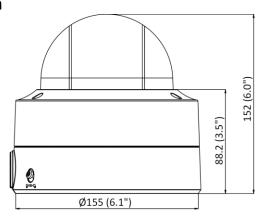
Typical Application

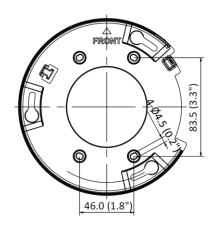
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

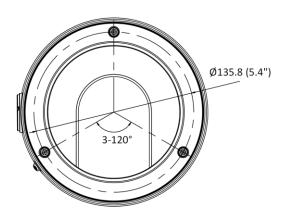
This model has NO SPECIFIC PROTECTION.

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

Dimension







Unit: mm (inch)



Accessory

Optional

DS-1473ZJ-155B Wall Mount	DS-1475ZJ-SUS Vertical Pole Mount	DS-1471ZJ-155 Pendant Mount	DS-1476ZJ-SUS Corner Mount	DS-1473ZJ-155 Wall Mount
		I		

Distributed by

Г

HIKVISION°

Headquarters

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

Hikvision USA T +1-909-895-0400

sales.usa@hikvision.com

Hikvision Australia T+61-2-8599-4233 salesau@hikvision.com

Hikvision India T+91-22-28469900 sales@pramahikvision.com

Hikvision Canada T+1-866-200-6690 sales.canada@hikvision.com

Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com Hikvision Europe T +31-23-5542770 sales.eu@hikvision.com

Hikvision Italy T +39-0438-6902 info.it@hikvision.com

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com

Hikvision Turkey T +90 (216)521 7070- 7074 sales.tr@hikvision.com

Hikvision Malaysia T+601-7652-2413 sales.my@hikvision.com Hikvision UK & Ireland T +01628-902140 sales.uk@hikvision.com

Hikvision South Africa Tel: +27 (10) 0351172 sale.africa@hikvision.com

Hikvision France T +33[0]1-85-330-450 info.fr@hikvision.com

Hikvision Kazakhstan T +7-727-9730667 nikia.panfilov@hikvision.ru

Hikvision Vietnam T +84-974270888 sales.vt@hikvision.com Hikvision UAE T +971-4-4432090 salesme@hikvision.com

Hikvision Singapore T +65-6684-4718 sg@hikvision.com

Hikvision Spain T +34-91-737-16-55 info.es@hikvision.com

Hikvision Tashkent T +99-87-1238-9438 uzb@hikvision.ru

Hikvision Hong Kong T +852-2151-1761 info.hk@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Korea T +82-{0}31-731-8817 sales.korea@hikvision.com

Hikvision Poland T +48-22-460-01-50 info.pl@hikvision.com

Hikvision Indonesia T +62-21-2933759 Sales.Indonesia@hikvision.com

Hikvision Colombia sales.colombia@hikvision.com