

DS-2CD2583G2-I(S) 8 MP AcuSense Fixed mini Dome Network Camera

AcuSense













Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 8 MP resolution
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- -S: Audio and alarm interface available
- Water and dust resistant (IP67) and vandal resistant (IK08)





Specification

| Image Sensor 1/2.8" Progressive Scan CMOS Max. Resolution 3840 × 2160 Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Shutter Speed 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pans: -30" to 30", tilt: 0" to 75", rotate: 0" to 360" Lens Vertical FOV Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm. horizontal FOV 10.6.4", vertical FOV 58.4", diagonal FOV 124.8" dum, horizontal FOV 87.6", vertical FOV 44.4", diagonal FOV 104.9" Lens Mount M12 List Stype Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ Aperture F1.6 Depth of Field 2.8 mm: 2.1 m to ∞ DoRI 2.8 m Exist Bm 0.35 m R. 18 m 1.9 m DORI 4 mm: 2.1 m to ∞ DORI 4 mm: 2.1 m to ∞ Exist Bm 1.9 m 1.9 m 4 mm: 2.1 m to ∞ DORI 4 mm: 2.2 m to ∞ Exist Bm 1.9 | amera | | | | |
|---|------------------------|--|--|--|--|
| Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Shutter Speed 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 30° to 30°, tilt: 0° to 75°, rotate: 0° to 360° Lens Total Candidation Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 104.9° Lens Mount M12 Lins Type Fixed Aperture Fixed | Image Sensor | 1/2.8" Progressive Scan CMOS | | | |
| Shutter Speed 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment par: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360° Exes Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 124.8° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° Lens Mount M12 Iris Type Fixed Aperture Fixed Aperture Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: D. 28 m 0.25 m R: 18 m 1.9 m 4 mm: 0.25 m 0.24 m 2.2 mm: 1.9 m 4 mm: 0.24 m 2.2 mm: 1.2 m | Max. Resolution | 3840 × 2160 | | | |
| Day & Night IR cut filter Angle Adjustment Pan: -30" to 30", tilt: 0" to 75", rotate: 0" to 360" Lens Vertical FOV Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106.4", vertical FOV 58.4", diagonal FOV 124.8" 4 mm, horizontal FOV 87.6", vertical FOV 44.4", diagonal FOV 104.9" Lens Mount M12 Iris Type Fixed Aperture F1.6 Oepth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: D. 88 m O. 35 m 8.18 m R.18 m Po 35 m Amm: Amm Po 118 m O. 47 m R. 24 m P. 21 mm R. 24 m P. 24 mm Supplement Light Type IR Supplement Light Range 19 to 30 m Smart Supplement Light Range 9 to 30 m Main Stream 50 Hz: 20 (ps (3840 × 2160) 25 (ps (3800 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 (ps (3840 × 2160) 20 (ps (3840 × | Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR | | | |
| Angle Adjustment Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360° Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 124.8° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° Lens Mount M12 Ins Type Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ 4 mm: 2.1 m to ∞ DORI DORI End Sh 0.35 m 8.18 m 0.28 m 9.0 ± 118 m 0.24 m 9.118 m 0.24 m 9.2 ± 10 m 4 mm: 10 ± 12 m 1.1 m 10 ± 20 m 1.2 m Illuminator 1.2 m Supplement Light Type IR IR Wavelength 9 to 30 m Supplement Light Range 1.0 to 30 m IR Wavelength 8.5 o Hz: 20 fps (3840 × 2160) 2.5 (ps; (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 6.0 Hz: | Shutter Speed | - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | |
| Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 124.8° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° Lens Mount M12 Iris Type Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ A mm: 2.1 m to ∞ 2.8 mm: 1.4 m to ∞ DORI 2.8 mm: 1.4 m to ∞ DORI 2.8 mm: 1.4 m to ∞ A standard Management System 2.8 mm: 1.4 m to ∞ B Sam 0.35 m B Sam 0.2 mm: 1.4 m to ∞ B Supplement Light System 8.8 mm: 1.4 m to ∞ B Supplement Light System 1.9 m B R 2.0 mm: 1.4 m to ∞ Illuminator Illuminator Supplement Light Range Up to 30 m Supplement Light Range Up to 30 m Supplement Light Range 20 fps (3840 × 2160) A Supplement Light Same 20 fps (3840 × 2160) A Supplement Light Same 20 fps (3840 × 2160) <td< td=""><td>Day & Night</td><td colspan="3"></td></td<> | Day & Night | | | | |
| Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 10.6.4°, vertical FOV 58.4°, diagonal FOV 124.8° 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° Lens Mount M12 Itis Type Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: Dos 8 m 0: 35 m 0: 35 m 1: 9 m 4 mm: 0: 35 m 0: 118 m 0: 47 m 0: 24 m 0: 118 m 0: 47 m 1: 20 m Supplement Light Type IR Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 5th z: 25 fps (640 × 480, 640 × 360) 6th Hz: 30 fps (640 × 480, 640 × 360) | Angle Adjustment | Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360° | | | |
| Pocal Length & FOV | Lens | | | | |
| Focal Length & FOV 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° Lens Mount M12 Iris Type Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ DORI DORI Ease m 0.2 8 m D. 28 m 0.35 m Ease m 0.47 m Ease published 1.20 m Supplement Light Type 1.8 Ease No 1.00 m Supplement Light Range 1.00 m Ease No 1.00 m Ease No 1.00 m | Lens Type | Fixed focal lens, 2.8 and 4 mm optional | | | |
| Lens Mount M12 Iris Type Fixed Aperture £1.6 Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: 0: 28 m 0: 28 m 0: 25 m R: 18 m DORI 2.8 mm: 0: 28 m 0: 25 m R: 18 m DORI 1: 9 m 4 mm: 0: 41 m 0: 118 m 0: 47 m R: 24 m 1: 12 m Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 mm Video Video Video Vigeo (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | - 1, 1, 0, -0,/ | 2.8 mm, horizontal FOV 106.4°, vertical FOV 58.4°, diagonal FOV 124.8° | | | |
| Iris Type Fixed Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ A mm: 2.1 m to ∞ DORI Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 2.8 mm: 2.1 m to ∞ Depth of Field 3.2 m to 2.2 m | Focal Length & FOV | 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9° | | | |
| Aperture F1.6 Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: D: 88 m 0: 35 m R: 18 m 1: 9 m 4 mm: 0: 118 m 0: 47 m R: 24 m 1: 10 minator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 20 fps (3840 × 2160) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) | Lens Mount | M12 | | | |
| Depth of Field 2.8 mm: 1.4 m to ∞ 4 mm: 2.1 m to ∞ DORI 2.8 mm: D: 88 m D: 88 m D: 80 m R: 18 m R: 18 m R: 19 m 4 mm: D: 118 m D: 118 m R: 24 m R: 20 m R | Iris Type | Fixed | | | |
| Depth of Field 4 mm: 2.1 m to ∞ DORI 2.8 mm: D: 88 m 0: 35 m R: 18 m 4 mm: 0: 118 m 0: 47 m R: 24 m 1: 12 m Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 25 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | Aperture | F1.6 | | | |
| DORI | 5 65.11 | 2.8 mm: 1.4 m to ∞ | | | |
| D. 88 m D. 88 m D. 88 m D. 35 m R. 18 m I. 9 m 4 mm: D. 118 m D. 118 m D. 118 m D. 119 m | Depth of Field | 4 mm: 2.1 m to ∞ | | | |
| DE 88 m OE 35 m RE 18 m IE 9 m 4 mm: DE 118 m OE 47 m RE 24 m IE 12 m OE 30 m | DORI | | | | |
| DORI R: 18 m 1: 9 m 4 mm: 0: 118 m 0: 47 m R: 24 m 1: 12 m Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Ves IR Wavelength Ses on m Video Video Jo fps (3840 × 2160) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3400 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | 2.8 mm: | | | |
| DORI R: 18 m 1: 9 m 4 mm: 0: 118 m 0: 47 m R: 24 m 1: 12 m Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Video 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) | | D: 88 m | | | |
| DORI | | O: 35 m | | | |
| DORI | | R: 18 m | | | |
| A mm: D: 118 m O: 47 m R: 24 m I: 12 m | DON | I: 9 m | | | |
| D: 47 m R: 24 m I: 12 m | DORI | | | | |
| R: 24 m 1: 12 m Illuminator | | D: 118 m | | | |
| IIIuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 660 Hz: 30 fps (640 × 480, 640 × 360) | | O: 47 m | | | |
| Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Amain Stream 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | R: 24 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 (3840 × 2160) 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | I: 12 m | | | |
| Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | Illuminator | | | | |
| Smart Supplement Light Yes IR Wavelength 850 nm Video | Supplement Light Type | IR | | | |
| IR Wavelength 850 nm Video 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | Supplement Light Range | Up to 30 m | | | |
| Video 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | Smart Supplement Light | | | | |
| Main Stream 50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | IR Wavelength | 850 nm | | | |
| 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | Video | | | | |
| Main Stream 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 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: | | | |
| Main Stream 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | 20 fps (3840 × 2160) | | | |
| 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) | | | |
| 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | lain Stream | 60 Hz: | | | |
| Sub Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) | | 20 fps (3840 × 2160) | | | |
| Sub Stream 60 Hz: 30 fps (640 × 480, 640 × 360) | | 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) | | | |
| 60 Hz: 30 fps (640 × 480, 640 × 360) | uh Straam | 50 Hz: 25 fps (640 × 480, 640 × 360) | | | |
| 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) | and atteam | 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) | hird Stream | 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) | | | |
| *Third stream is supported under certain settings. | | *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 | | | | |
| viaco compressión | Third stream: H.265/H.264 | | | | |
| Video Bit Rate | 32 Kbps to 16 Mbps | | | | |
| H.264 Type | Baseline Profile/Main Profile/High Profile | | | | |
| H.265 Type | Main Profile | | | | |
| Bit Rate Control | CBR/VBR | | | | |
| Scalable Video Coding (SVC) | · | | | | |
| J , , | H.264 and H.265 encoding | | | | |
| Region of Interest (ROI) | 1 fixed region for main stream and sub-stream | | | | |
| Audio | Two | | | | |
| Environment Noise Filtering | Yes | | | | |
| Audio Sampling Rate | 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz | | | | |
| Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC | | | | |
| Audio Bit Rate | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps | | | | |
| | (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC) | | | | |
| Network | | | | | |
| Simultaneous Live View Up to 6 channels | | | | | |
| API | Open Network Video Interface (Profile S, Profile G), ISAPI, SDK | | | | |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, | | | | |
| 11000013 | IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE | | | | |
| 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 | | | | |
| Network Storage | NAS (NFS, SMB/CIFS), auto network replenishment (ANR) | | | | |
| Client | iVMS-4200, Hik-Connect, Hik-Central | | | | |
| | Plug-in required live view: IE 10, IE 11 | | | | |
| Web Browser | Plug-in free live view : Chrome 57.0+, Firefox 52.0+ | | | | |
| | Local service: Chrome 57.0+, Firefox 52.0+ | | | | |
| Image | | | | | |
| Wide Dynamic Range (WDR) | 120 dB | | | | |
| SNR | ≥ 52 dB | | | | |
| Day/Night Switch | Day, Night, Auto, Schedule | | | | |
| Image Enhancement | BLC, HLC, 3D DNR | | | | |
| Image Parameters Switch | Yes | | | | |
| Image Cathings | Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white | | | | |
| Image Settings | balance adjustable by client software or web browser | | | | |
| Interface | erface | | | | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port | | | | |
| On-Board Storage | Board Storage Built-in memory card slot, support microSD card, up to 256 GB | | | | |
| Built-in Microphone Yes | | | | | |



| | ic. |
|------------------------|---|
| | -IS: |
| | 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 | -IS: |
| 7 (10) | 1 input, 1 output (max. 12 VDC, 20 mA) |
| Reset Key | Yes |
| Event | |
| Basic Event | Motion detection (human and vehicle targets classfication), video tampering alarm, |
| Dasic Everit | exception |
| Smart Event | Line crossing detection, intrusion detection |
| Links | Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger |
| Linkage | capture, send email |
| Deep Learning Function | |
| Face Capture | Yes |
| | Line crossing, intrusion |
| Perimeter Protection | Support alarm triggering by specified target types (human and vehicle) |
| General | |
| | 12 VDC ± 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity |
| Power | protection |
| | PoE: (802.3af, Class 3, 36 V to 57 V), 0.22 A to 0.14 A, max. 8 W |
| Camera Material | Base: aluminum, cover: plastic |
| Camera Dimension | Ø113.6 mm × 72.6 mm (Ø 4.5" × 2.9") |
| Package Dimension | 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3") |
| Camera Weight | Approx. 400 g (0.9 lb.) |
| With Package Weight | Approx. 635 g (1.4 lb.) |
| Storage Conditions | -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) |
| Startup and Operating | <u> </u> |
| 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, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, |
| Language | Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, |
| | Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function | Anti-flicker, heartbeat, password reset via e-mail, pixel counter |
| Approval | , |
| | FCC (47 CFR Part 15, Subpart B) |
| | CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN |
| | 50130-4: 2011+A1: 2014) |
| EMC | RCM (AS/NZS CISPR 32: 2015) |
| | IC (ICES-003: Issue 7) |
| | KC (KN32: 2015, KN35: 2015) |
| | UL (UL 62368-1) |
| Safety | CB (IEC 62368-1: 2014+A11) |
| Juicty | CE-LVD (EN 62368-1: 2014/A11: 2017) |
| | CL-LVD (LIN 02300-1. 2014) A11. 2017) |



| Environment | CE-RoHS (2011/65/EU) WEEE (2012/19/EU) Reach (Regulation (EC) No 1907/2006) |
|------------------------------|---|
| Electrical Safety Protection | IP67 (IEC 60529-2013) IK10 (IEC 62262: 2002) |

Available Model

DS-2CD2583G2-IS (2.8/4 mm)
DS-2CD2583G2-I (2.8/4 mm)
DS-2CD2583G2-IS (2.8 mm) (BLACK)

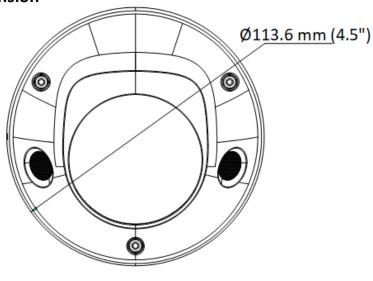
Typical Application

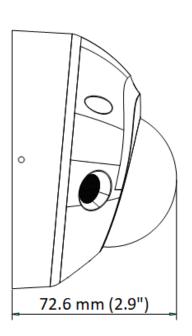
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

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-1276ZJ-SUS Corner Mount | DS-1275ZJ-SUS Vertical Pole Mount | DS-1275ZJ-SUS(Black) Vertical Pole Mount | DS-1272ZJ-120 Wall Mount | DS-1280ZJ-DM46(Blac k) Junction Box |
|-------------------------------|--------------------------------------|---|-----------------------------|---|
| | | 33. | | |
| DS-1276ZJ-SUS(Black) | DS-1280ZJ-DM46 | DS-1272ZJ-120B | DS-1271ZJ-120(Black) | DS-1271ZJ-120 |
| Corner Mount | Junction Box | Wall Mount | Pendant Mount | Pendant Mount |
| | | | 1 | |





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