

DS-2CD3028G2-LIUF 2 MP Fixed Bullet Network Camera





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 2 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Smart Hybrid Light: advanced technology with long range
- Clear imaging against strong back light due to 120dB WDR technology
- 3D DNR technology delivers clean and sharp images
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)



Specification

| Image Sensor 1/2.7" Progressive Scan CMOS Max. Resolution 1920 × 1080 Max. Resolution 1920 × 1080 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 Pens Of to 360°, tilt: 0" to 90", rotate: 0" to 360° Lens Lens Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional 2.8 mm, horizontal FOV 111", vertical FOV 59", diagonal FOV 103" 6 mm, horizontal FOV 91", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 111", vertical FOV 56", vertical FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", vertical FOV 29", vertical FOV 29", vertica | Camera | | | |
|--|-----------------------------|--|--|--|
| Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR | 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 360", tilt: 0" to 90", rotate: 0" to 360" Lens Lens Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional Focal Length & FOV 4 mm, horizontal FOV 91", vertical FOV 59", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 109" 6 mm, horizontal FOV 56", vertical FOV 29", diagonal FOV 65" Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m DORI 4 mm, D: 33 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 36 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 1 | Max. Resolution | 1920 × 1080 | | |
| Day & Night IR cut filter Angle Adjustment Pan: 0* to 360*, tilt: 0* to 90*, rotate: 0* to 360* Lens Image: Company of the part of the | Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR | | |
| Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° Lens Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional 2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 133° Focal Length & FOV 4 mm, horizontal FOV 91°, vertical FOV 46°, diagonal FOV 109° 6 mm, horizontal FOV 56°, vertical FOV 29°, diagonal FOV 65° Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 2 fps (640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) </td <td>Shutter Time</td> <td colspan="3">1/3 s to 1/100,000 s</td> | Shutter Time | 1/3 s to 1/100,000 s | | |
| Lens Fixed focal lens, 2.8, 4, and 6 mm optional Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional 2.8 mm, horizontal FOV 111*, vertical FOV 59*, diagonal FOV 109* 6 mm, horizontal FOV 91*, vertical FOV 29*, diagonal FOV 109* 6 mm, horizontal FOV 56*, vertical FOV 29*, diagonal FOV 65* Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 4 mm, D: 43 m, O: 21 m, R: 9 m, I: 5 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 25 fhz.265/H.265/H.265/H.2664 | Day & Night | | | |
| Elens Type | Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° | | |
| 2.8 mm, horizontal FOV 111*, vertical FOV 59*, diagonal FOV 133* | Lens | | | |
| Focal Length & FOV 4 mm, horizontal FOV 91°, vertical FOV 46°, diagonal FOV 109° 6 mm, horizontal FOV 56°, vertical FOV 29°, diagonal FOV 65° Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Third Stream 60 Hz: 640 × 360) Video Compression Sub-stream: H.265/H.264/H.264, Video Bit Rate 3z Kps to 8 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 and sub-stream Audio | Lens Type | Fixed focal lens, 2.8, 4, and 6 mm optional | | |
| Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m DORI 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Wisher Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 21 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265/H.264/MJPEG, Third stream: H.265/H.2 | | 2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 133° | | |
| Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 7 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Wideo Compression Main 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 | Focal Length & FOV | 4 mm, horizontal FOV 91°, vertical FOV 46°, diagonal FOV 109° | | |
| Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (440 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 30 fps (470 × 360) 60 Hz: 30 fps (470 × 360) | | 6 mm, horizontal FOV 56°, vertical FOV 29°, diagonal FOV 65° | | |
| Aperture F1.6 DORI 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Sup-Isram 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Wideo Compression Main stream: H.265/H.264/H.264, Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream | Lens Mount | M12 | | |
| DORI | Iris Type | Fixed | | |
| DORI | Aperture | F1.6 | | |
| DORI | DORI | | | |
| Supplement Light Type | | 2.8 mm, D: 43 m, O: 17 m, R: 9 m, I: 5 m | | |
| Illuminator Supplement Light Type Supplement Light Range Up to 30 m Smart Supplement Light IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265/H.264/H.264, Video Compression Main stream: H.265/H.264/MJPEG, Third 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 H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) Audio | DORI | 4 mm, D: 53 m, O: 21 m, R: 11 m, I: 6 m | | |
| Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 70 Hz: 1 fps (640 × 360) 80 Hz: 1 fps (| | 6 mm, D: 86 m, O: 34 m, R: 17 m, I: 9 m | | |
| Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265+H.265+H.264+H.264, Video Compression Sub-stream: H.265+H.264/MJPEG, Third stream: H.265/H.264 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Illuminator | | | |
| Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265/H.264/H.264, 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Supplement Light Type | IR, White Light | | |
| IR Wavelength 850 nm Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 7 Hird Stream 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265+H.265+H.264+/H.264, Video Compression Sub-stream: H.265/H.264/MJPEG, 7 Hird 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream | Supplement Light Range | Up to 30 m | | |
| Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Wideo Compression Main stream: H.265/H.264/H.264, Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream | Smart Supplement Light | · | | |
| Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 50 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Wideo Compression Main stream: H.265/H.264/H.264/H.264, Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream | IR Wavelength | 850 nm | | |
| Main Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Wideo Compression Main stream: H.265/H.264/H.264/MJPEG, Third 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Video | | | |
| 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: 1 fps (640 × 360) Main stream: H.265+/H.264+/H.264, 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | | 50 Hz: 25 fps (1920 × 1080, 1280 × 720) | | |
| Sub-Stream 60 Hz: 30 fps (640 × 480, 640 × 360) 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265+/H.265/H.264+/H.264, 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 H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Main Stream | 60 Hz: 30 fps (1920 × 1080, 1280 × 720) | | |
| Third Stream 50 Hz: 30 fps (640 × 480, 640 × 360) 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265+H.265+H.264+H.264, 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | | 50 Hz: 25 fps (640 × 480, 640 × 360) | | |
| Third Stream 50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360) Main stream: H.265+/H.264+/H.264, 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 H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Sub-Stream | 60 Hz: 30 fps (640 × 480, 640 × 360) | | |
| 60 Hz: 1 fps (640 × 360) Main stream: H.265+/H.265/H.264+/H.264, 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | | | | |
| 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 H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | Third Stream | 60 Hz: 1 fps (640 × 360) | | |
| Third stream: H.265/H.264 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | | Main stream: H.265+/H.265/H.264+/H.264, | | |
| Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | 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 Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | | Third 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 and sub-stream Audio | Video Bit Rate | 32 Kbps to 8 Mbps | | |
| Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | H.264 Type | Baseline Profile, Main Profile, High Profile | | |
| Region of Interest (ROI) 1 fixed region for main stream and sub-stream Audio | H.265 Type | Main Profile | | |
| Audio | Bit Rate Control | CBR, VBR | | |
| | Region of Interest (ROI) | 1 fixed region for main stream and sub-stream | | |
| Audio Tyne Mono sound | Audio | | | |
| Made Type | Audio Type | Mono sound | | |
| Environment Noise Filtering Yes | Environment Noise Filtering | Yes | | |
| Audio Sampling Rate 8 kHz/16 kHz | Audio Sampling Rate | 8 kHz/16 kHz | | |
| Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC | Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC | | |



| Audio Bit Rate | 64 Kbps (G.711ulaw)/64 Kbps (G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to | | |
|--------------------------|--|--|--|
| | 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) | | |
| Network | | | |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address) | | |
| Simultaneous Live View | Up to 6 channels | | |
| API | Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK | | |
| Protocols | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP, HTTPS, DDNS, UPnP, 802.1X | | |
| User/Host | Up to 32 users 3 user levels: administrator, operator, and user | | |
| Client | iVMS-4200, Hik-Connect | | |
| Web Browser | Plug-in required live view: IE 10, IE 11, 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 Settings | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser | | |
| Privacy Mask | 4 programmable polygon privacy masks | | |
| Interface | | | |
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port | | |
| On-Board Storage | Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB | | |
| Built-in Microphone | Yes | | |
| Reset Key | Yes | | |
| Event | | | |
| Basic Event | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception | | |
| Smart Event | Line crossing detection, intrusion detection | | |
| Linkage | Upload to FTP/memory card, send email, notify surveillance center, trigger recording, trigger capture | | |
| General | | | |
| Power | 12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W | | |
| Material | Front cover: Metal, body: Plastic, bracket: Plastic | | |
| Dimension | 170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7") | | |
| Package Dimension | 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6") | | |
| Weight | Approx. 270 g (0.6 lb.) | | |
| With Package Weight | Approx. 481 g (1.1 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 | English, Turkish, Polish, Romanian, Czech, Slovak, Traditional Chinese, Thai, Vietnamese, Croatian, Slovenian, Serbian, Ukrainian | |
| General Function | Heartbeat, anti-banding, mirror, password reset via email, pixel counter, password protection | |
| Approval | | |
| EMC | FCC: 47 CFR Part 15, Subpart B, | |
| | IC: ICES-003: Issue 7 | |
| | UL: UL 62368-1, | |
| Safety | CB: IEC 62368-1: 2014+A11, | |
| | CE-LVD: EN 62368-1: 2014/A11: 2017, | |
| | BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005 | |
| Environment | CE-RoHS: 2011/65/EU | |
| Protection | IP67: IEC 60529-2013 | |

Typical Application

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

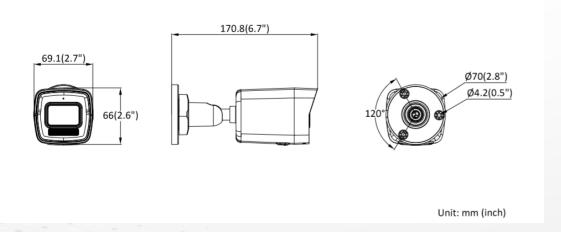
This model has NO SPECIFIC PROTECTION.

| Level | Description | |
|------------------------|--|--|
| | Hikvision products at this level are equipped for use in areas where professional | |
| Top-level protection | anti-corrosion protection is a must. Typical application scenarios include coastlines, | |
| | docks, chemical plants, and more. | |
| 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-2CD3028G2-LIUF(2.8mm)

Dimension





Accessory

Optional

| DS-1275ZJ-SUS | DS-1276ZJ-SUS | DS-1280ZJ-XS |
|---------------|---------------|--------------|
| | | |

Installation Methods

| Vertical Pole Mounting DS-1275ZJ-SUS+DS- 1280ZJ-XS | Corner Mounting DS-1276ZJ-SUS+DS- 1280ZJ-XS | Junction Box DS-1280ZJ-XS |
|---|---|------------------------------|
| | | |

See Far, Go Further



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