



Hikvision DS-2CD1083G2-LIU

· Specification summary



Resolution	8 MP
Audio	Built-in microphone
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100, 000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 113°, vertical FOV 62°, diagonal FOV 134° 4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
DORI	2.8 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m 4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Main Stream	50 Hz: 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
Audio Type	Mono sound
Simultaneous Live View	Up to 6 channels
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, 3D DNR

Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	Yes
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Power	12 VDC $\pm$ 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W
Material	Metal & Plastic
Dimension	170.8 mm $\times$ 66 mm $\times$ 69.1 mm (6.7" $\times$ 2.6" $\times$ 2.7")

Specifications are summarised from the manufacturer's published information (checked 2026-09-29). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

IS Distributions Sdn. Bhd., Kuching, Sarawak ·

<https://www.isdsb.com.my/product-hikvision-camera-ds-2cd1083g2-liu.html>