



Hikvision DS-2CD2021G1-I

· Specification summary

Device class	2 MP IR Fixed Network Bullet Camera
Image sensor	1/2.7" Progressive Scan CMOS
Max. resolution	1920 × 1080
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
Wide dynamic range	120 dB
Day & night	IR Cut Filter
Lens options (Available Model)	2.8/4/6 mm
Lens mount	M12
Aperture	F1.6
IR range	Up to 30 m
IR wavelength	850 nm
Video compression	Main stream: H.265/H.264; Sub-stream: H.265/H.264/MJPEG
H.265+ / H.264+	Main stream supports
Video bit rate	32 Kbps to 8 Mbps
Ethernet interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-board storage	Built-in Micro SD slot, up to 256 GB
Smart event	Line crossing detection, intrusion detection
Client	iVMS-4200, Hik-Connect, Hik-Central
Power supply	12 VDC ± 25%; PoE: 802.3af, Class 3
Power consumption and current	12 VDC, 0.4 A, max. 5 W; PoE (802.3af, 36 to 57 V), 0.2 A to 0.15 A, max. 6.5 W
Camera material	Metal & Plastic
Camera dimension	69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7")
Camera weight	Approx. 350 g (0.8 lb.)
Startup and operating conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Protection	IP67 (IEC 60529-2013)
Firmware version listed	V5.5.120

Specifications are summarised from the manufacturer's published information (checked 2026-10-23). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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