

DS-2CD2121G0-LIU-4MM

Hikvision 2MP WDR Fixed Dome IP Network camera with 4mm lens

Product Overview

Hikvision 2MP WDR Fixed Dome IP Network camera with 4mm Lens, 1920x1080 maximum Resolution, Up to 30 m IR Light range, Main Stream H.265+ / H.265 / H.264+ / H.264 Video Compression, Support 1 fixed region for Main Stream region of interest (ROI), Up to 6 channels simultaneous live View, BLC, 3D DNR, 120 dB wide Dynamic range (WDR), 1x RJ45 10M/100M Self-Adaptive Ethernet Port, Motion Detection, Smart event



Specifications

Overview Summary:

The Hikvision DS-2CD2121G0-I is a reliable 2MP fixed dome IP camera built for clear, consistent video surveillance in homes and businesses. With full HD resolution and strong WDR support, it delivers balanced images in challenging lighting conditions, day or night, making it a dependable choice for everyday security needs.

Designed with a durable dome housing, this camera suits both indoor and outdoor installations and integrates easily into modern IP surveillance systems. Its efficient video compression helps reduce bandwidth usage while maintaining image quality. Buy now to upgrade your security setup with a trusted Hikvision network camera that offers long-term performance and peace of mind.

Performance tier:Mid-range

Uses:Home security, office surveillance, retail monitoring, warehouse monitoring, perimeter security

Overview:

Hikvision DS-2CD2121G0-I(W)(S) is a compact 2 MP fixed dome IP network camera designed for reliable indoor and outdoor video surveillance. It delivers clear 1920x1080 full HD video with consistent performance in challenging lighting conditions, making it suitable for commercial, residential, and industrial environments. With advanced image processing, efficient compression, and durable construction, this camera balances image quality, storage efficiency, and long-term stability.

Description:

This 2 MP dome network camera combines full HD imaging, 120 dB wide dynamic range, and efficient H.265+ video compression to provide clear, detailed footage while reducing bandwidth and storage usage. Built with a vandal-resistant and weather-sealed housing, it supports infrared night vision, smart motion detection, and flexible installation for dependable 24/7 security monitoring.

Features:

High-Definition Imaging Performance

The camera captures sharp and detailed video at a maximum resolution of 1920x1080 . Its 2 MP sensor ensures accurate color reproduction during daytime and strong contrast handling in scenes with mixed lighting. True wide dynamic range technology at 120 dB helps maintain visibility when bright and dark areas appear in the same frame.

Key imaging capabilities include:

- 2 MP full HD video output
- 120 dB wide dynamic range for backlit scenes
- BLC and 3D digital noise reduction for cleaner images

Efficient Video Compression and Streaming

To optimize storage and network usage, the camera supports multiple compression formats, including H.265+, H.265, H.264+, and H.264 . This allows users to maintain high image quality while minimizing bandwidth consumption. Region of interest functionality enables focused encoding on critical areas without increasing overall data load.

Supported streaming and compression options:

- Main stream with H.265+ and H.265 support
- One fixed ROI region on the main stream
- Up to six channels of simultaneous live view

Night Monitoring and Smart Detection

Integrated infrared illumination provides visibility in low-light or complete darkness, with an effective IR range of up to 30 meters. Motion detection and smart event support enhance situational awareness by triggering alerts when activity is detected within defined areas.

Security and monitoring functions include:

- Infrared night vision up to 30 m
- Motion detection with smart event support
- Clear night images with reduced noise

Durable Design and Installation Flexibility

Built for demanding environments, the dome camera features an IP67-rated enclosure for water and dust resistance, along with IK10-rated vandal protection. This makes it suitable for both indoor and outdoor installations where durability is essential.

Network connectivity is handled through a self-adaptive 10M/100M Ethernet port for stable data transmission.

Hardware and storage highlights:

- IP67-rated weather protection
- IK10 vandal-resistant housing
- RJ45 10M/100M self-adaptive Ethernet port
- Support for microSD card storage up to 256 GB

Reliable Choice for Everyday Surveillance

With its balanced combination of image clarity, smart detection, and robust construction, this Hikvision fixed dome IP camera is well suited for offices, retail spaces, residential buildings, and public areas. It delivers dependable monitoring performance while keeping storage and network requirements under control.

Specifications:

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Specifications	
Product Code	DS-2CD2121G0-LIU-4MM
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 x 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	Pan: 0degrees to 355degrees, tilt: 0degrees to 75degrees, rotate: 0degrees to 355degrees
Lens	
Focal Length & FOV	2.8 mm: horizontal FOV 111.6degrees, vertical FOV 59.1degrees, diagonal FOV 133.9degrees
	4 mm: horizontal FOV 91.5degrees, vertical FOV 46.1degrees, diagonal FOV 109.8degrees
	6 mm: horizontal FOV 56degrees, vertical FOV 29.8degrees, diagonal FOV 65.3degrees
Lens Mount	M12
Focus	Fixed
Aperture	F1.6
Illuminator	
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (1920 x 1080, 1280 x 720)
	60 Hz: 30 fps (1920 x 1080, 1280 x 720)

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Product Specification Sheet

Sub-Stream	50 Hz: 25 fps (640 x 480, 640 x 360)
	60 Hz: 30 fps (640 x 480, 640 x 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 8 Mbps
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	Support 1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Network Storage	Support Micro SD/SDHC/SDXC card (256 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE 10+
	Plug-in free live view: Chrome 57.0+, Firefox 52.0+
	Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, 3D DNR
Wide Dynamic Range (WDR)	120 dB
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in Micro SD slot, up to 256 GB
Audio	-S: 1 input (line in), 1 output (line out)
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30 mA)
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm
Smart Event	Line crossing detection, intrusion detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
General	

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Product Specification Sheet

Power	12 VDC +/- 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.20 A to 0.15 A, max. 6.5 W
Dimension	Ø110.8 mm x 84.7 mm (Ø 4.4" x 3.3")
Package Dimension	135 mm x 135 mm x 110 mm (5.3" x 5.3" x 4.3")
	Approx. 497 g (1.1 lb.)
With Package Weight	Approx. 597 g (1.3 lb.)
Startup and Operating Conditions	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF). Humidity: 95% or less (non-condensing)
Storage Conditions	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF). Humidity: 95% or less (non-condensing)
Language	33 languages
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak
	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	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	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)
	RCM (AS/NZS CISPR 32: 2015)
	IC (ICES-003: Issue 7)
	KC (KN32: 2015, KN35: 2015)
Safety	UL (UL 62368-1)
	CB (IEC 62368-1: 2014+A11)
	CE-LVD (EN 62368-1: 2014/A11: 2017)
	LOA (IEC/EN 60950-1)
	BIS (IS 13252 (Part 1): 2010/IEC 60950-1: 2005)
Environment	CE-RoHS (2011/65/EU) , WEEE (2012/19/EU)
	Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)
	IK10 (IEC 62262: 2002)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/DS-2CD2121G0-LIU-4MM-Hikvision-2MP-WDR-Fixed-Dome-IP-Buy-p-334226.php>

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