DS-2CV2121G2-IDW-4

Hikvision 2MP Fixed Dome Outdoor Security IP Camera with 4mm Lens and WiFi

Product Overview

Hikvision 2MP Fixed Dome Outdoor Security IP Camera with 4mm Lens, 1920x1080 (2MP) maximum Resolution, IR up to 30m, H.264 Video Compression Main Stream, Up to 6 channels simultaneous live View, Wi-Fi 2.4GHz, 2 antennas, Digital WDR, Built-In Microphone, Built-In Speaker, Supports MicroSD cards up to 512GB, 1x RJ45 10M/100M Self-Adaptive Ethernet Port, Motion Detection human and vehicle









Specifications

Overview:

Enhance your security with the Hikvision Fixed Dome Outdoor Security Camera, designed for homes, businesses, and surveillance professionals seeking a reliable, high-definition security solution. With its 2MP resolution and advanced EXIR 2.0 infrared technology, this camera delivers clear, detailed images even in low-light conditions, ensuring round-the-clock monitoring.

Seamlessly connect via Wi-Fi for a hassle-free installation, eliminating the need for complex wiring. The built-in two-way audio allows real-time communication, making it ideal for remote monitoring of homes, offices, retail stores, or warehouses. With H.265 video compression, the camera reduces bandwidth usage and storage requirements without compromising image quality.

Designed to withstand harsh environments, this dome camera is IP66-rated, providing resistance against water and dust. The adjustable viewing angles ensure flexible coverage for different monitoring needs. For added security, the built-in microSD card slot supports up to 512GB of local storage, ensuring your footage is always accessible.

Compatible with Hik-Connect, iVMS-4200, and major security platforms, this camera offers remote access from anywhere, allowing users to monitor live feeds and receive alerts in real-time. Whether you're safeguarding your home or managing a security network for a business, the Hikvision Fixed Dome Outdoor Security Camera is a powerful, feature-packed surveillance solution.

Features:

- High-quality imaging with 2 MP resolution
- Wi-Fi connection and easy installation
- Provides real-time security via built-in two-way audio
- Efficient H.265 compression technology
- EXIR 2.0, advanced infrared technology with long IR distance
- Water and dust resistant (IP66)
- Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB

WHAT'S IN THE BOX:

- Hikvision Fixed Dome Outdoor Security Camera, 4mm Lens, 2MP x1
- User Manual x1

Specifications:

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	DS-2CV2121G2-IDW-4
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 x 1080 (2MP)
Min. Illumination	Colour: 0.005 Lux @ (F1.6, AGC ON) B/W: 0 Lux with IR
Shutter Time	1/3 s to 1 / 10,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0 degrees to 355 degrees, Tilt: 0 degrees to 75 degrees, Rotate: 0 degrees to 355 degrees
Lens	
Lens Type	Fixed focal lens (4mm)
Focal Length & Field of View (FOV)	Horizontal FOV 75 degrees, Vertical FOV 41 degrees, Diagonal FOV 89 degrees
Aperture	F1.6
Iris Type	Fixed
Lens Mount	M12
Depth of Field	4mm: 2m to ?

DORI	
4mm	Detection (D): 52m, Observation (O): 21m, Recognition (R): 11m, Identification (I): 5m
Illuminator	
Supplement Light Type	IR
IR Wavelength	850nm
Supplement Light Range	Up to 30m
Smart Supplement Light	Yes
Video	
Main Stream	50Hz: 25fps (1920 x 1080, 1280 x 720) 60Hz: 30fps (1920 x 1080, 1280 x 720)
Sub-Stream	50Hz: 25fps (768 x 432, 512 x 288) 60Hz: 30fps (768 x 432, 512 x 288)
Video Compression	Main Stream: H.264 Sub-Stream: H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile / Main Profile / High Profile
Audio	
Audio Compression	G.711 / AAC-LC
Audio Bit Rate	64Kbps (G.711)/16-64Kbps (AAC-LC)
Audio Sampling Rate	8kHz / 16kHz
Environment Noise Filtering	Yes
Network	
Protocols Supported	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, UPnP, IGMP, QoS, IPv4, UDP, Bonjour, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	ONVIF, SDK
Client	Hik-Connect, iVMS-4200, Hik-Partner-Pro
Security Features	Password protection, HTTPS encryption, Security audit log, Basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE for Open Network Video Interface
Wi-Fi	
Transfer Rate	11b: Up to 54 Mbps, 11g: Up to 54 Mbps, 11n: Up to 150 Mbps
Wi-Fi Protocols	IEEE 802.11b/g/n
Frequency Range	2.412 GHz to 2.472 GHz
Channel Bandwidth	20 MHz
Modulation	802.11b: CCK, QPSK, BPSK, 802.11g: OFDM, 802.11n: OFDM
Wireless Range	Up to 120m (varies based on environment)
Antenna	2 antennas
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness
Day/Night Switch	Auto, Schedule, Day, Night

Wide Dynamic Range (WDR)	Digital WDR
Privacy Mask	4 programmable polygon privacy masks
Interface	
Built-in Microphone	Yes
Built-in Speaker	Yes
On-Board Storage	Supports microSD/microSDHC/microSDXC cards (up to 512GB)
Reset Key	Yes
Ethernet Interface	1 x RJ45 10M/100M self-adaptive Ethernet port
Event	
Basic Events	Motion detection (human and vehicle classification), exception alerts
Linkage Methods	Upload to memory card, notify surveillance centre, trigger capture, audible warning, auto-tracking lite
General	
Power Supply	12V DC +/-10%, 1A, max. 10W, ?2mm coaxial power plug, reverse polarity protection
Operating Temperature	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF), Humidity <=95% (non-condensing)
Storage Temperature	-30 degreesC to 60 degreesC (-22 degreesF to 140 degreesF), Humidity <=95% (non-condensing)
Material	Base: Metal, Front Cover: Polycarbonate, Back Cover: Polycarbonate
Dimensions	12 x 12 x 9.5 cm
Weight	Approx. 593g
Certifications & Compliance	
EMC Compliance	CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014)
RF Compliance	CE-RED (EN 301489-1 V2.1.1, EN 301489-17 V3.1.1, EN 300328 V2.1.1, EN 62311:2008)
Safety Compliance	CB (IEC 62368-1: 2014+A11)
CE-LVD (EN 62368-1	2014/A11:2017)
Environmental Compliance	CE-RoHS (2011/65/EU) WEEE (2012/19/EU)
Protection Rating	IP66 (IEC 60529-2013)

Product Information Online

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

Product page:
https://www.comx-computers.co.za/DS-2CV2121G2-IDW-4-Hikvision-2MP-Fixed-Dome-Outdoor-Security-IP-Camera-with-4mm-Lens-p-320127.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

ComX Computers

Product Specification Sheet

PDF generated: 2026-11-19 03:24:48.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.