

D-Link®



Connect to Wi-Fi Network



Automatic Day/Night Viewing



Sound/Motion Detection:
Trigger email alerts



View more with Pan & Tilt Function



Remote Viewing: View on iPhone®,
iPad® or Android® with mydlink™ app



Simple Setup: Install cameras in
minutes

Pan & Tilt Day/Night Network Camera

Cloud Camera

Product Highlights

Secure Connection

Built in Wireless N and a 10/100 Ethernet port for flexible and flawless connection throughout your home

Night Vision

Built-in IR LEDs to monitor your home even in complete darkness

Sound & Motion Detection

Enhanced email alert based on sound and motion sensing technology

Wi-Fi Extender

Instantly eliminate dead zones and expand wireless connectivity for any additional cameras

Overview

View more, do more, and protect more with the clarity and mobile control of D-Link's Pan & Tilt Day/Night Network Camera (DCS-5020L). Download the free mydlink app and monitor your home or business – anywhere, anytime – on your smartphone or tablet. Experience confident clarity and total control with the ultra-smooth pan/tilt and digital zoom functionality. Integrated motion-sensing and night-vision technology provides around-the-clock surveillance. With simple installation, you'll have an effective, affordable home or business surveillance solution up and running in no time.



mydlink™ Lite - mobile app designed for iOS and Android smartphones

mydlink™+ - mobile app with multi-camera viewing designed for iOS and Android tablets

DCS-5020L

Features

- Pan & Tilt
- 4x digital zoom⁶
- Zero-light vision up to 8 meters (26 feet) with IR LEDs
- Supports H.264/MJPEG Video Codec⁵
- Infrared-cut removable filter for sharper images
- Wireless N connectivity with Wi-Fi Protected Setup²
- Wireless extender mode
- Sound and motion detection
- Built-in microphone¹
- mydlink Cloud Services
- 24/7 Basic Installation Support⁸
- 1-Year Limited Warranty⁹

Minimum System Requirements

Wired (10/100 Fast Ethernet) or Wireless (802.11g or 802.11n) Network (Wireless N network recommended for optimum wireless performance)

Computer with:

- 1.3GHz processor
- 128MB Memory
- Windows® 8³, Windows® 7³, Windows Vista®³ and Windows® XP SP2®³, or Mac OS X (10.5 and above, Intel Processor)
- Internet Explorer®7 or above, Mozilla Firefox® 13 or above, Safari®4.0 or above, Google® Chrome 19 or above

For Internet Access:

- Cable or DSL Modem
- Subscription with a broadband Internet Service Provider (ISP)

Power Supply:

- 110~240VAC, 50/60Hz

Package Contents

- + DCS-5020L (Pan & Tilt Day/Night Network Camera)
- + Mounting Kit
- + Power Adapter
- + Ethernet Cable
- + Quick Install Guide

Home and Small Business Surveillance Camera

The DCS-5020L provides the performance of a professional home or business surveillance solution at a fraction of the cost. Monitor and protect what matters most – anywhere, anytime – using the free mydlink web portal or mydlink Lite mobile app on your iPhone, iPad or Android device. Ultra-smooth pan/tilt and zoom functionality lets you monitor with precision and confidence from your mobile device. Why wait for a costly technician to install your system? With the DCS-5020L, installation is fast, easy, and flexible. The integrated night vision, sound and motion-sensing technology gives you peace of mind and around-the-clock surveillance. Whether you're looking for a superior home surveillance solution or a versatile way to monitor your small business, D-Link's DCS-5020L lets you see more of what matters.

Zero Configuration⁴

Connecting your D-Link camera with any router is easy – make it even easier with your D-Link Cloud Router. With the push of a button or simple plug of an Ethernet cable, Zero Configuration gives you automatic configuration and intelligent syncing of your D-Link camera -- it's as easy as connect and view!

Sharp Image Monitoring From Different Angles

With sharp, responsive pan/tilt movement and digital zoom, the DCS-5020L gives you full control, so you can quickly scan a wide area from a variety of angles, and 4x digital zoom lets you zoom in for more detail.¹

mydlink™ for easy setup and remote viewing on your phone

D-Link's convenient mydlink™ service gives you instant access to your video feeds using the mydlink™ website or on your smart phone or tablet. With mydlink iOS and Android apps, you can stay connected while on the go,⁷ anytime. Placing the camera within your current network area expands your Wi-Fi signal. Wi-Fi Extender provides effortless connectivity, making dead zones a thing of the past.

View More with Pan & Tilt

Pan & Tilt live video on your mobile device



DCS-5020L Pan & Tilt Day/Night Network Camera

Technical Specifications

Networking Protocol

- IPv4, ARP, TCP, UDP, ICMP
- DHCP Client
- NTP Client (D-Link)
- DNS Client
- DDNS Client (DynDNS and D-Link)
- SMTP Client
- FTP Client
- HTTP Server
- PPPoE
- UPnP Port Forwarding
- LLTD

Built-In Protocol

- 10/100 BASE-TX Fast Ethernet
- 802.11b/g/n WLAN

Wireless Connectivity

- 802.11b/g/n Wireless with WEP/WPA/WPA2 security
- WPS

Wireless Transmit Output Power (Typical)

- 11b - 16 dbm
- 11g/11n - 12 dbm

SDRAM

- 64 MB

Flash Memory

- 8 MB

Reset Button

- Reset to factory default

Video Codecs

- H.264
- MJPEG
- JPEG for still images

Video Features

- Adjustable image size and quality
- Time stamp and text overlay
- Flip and Mirror

Resolution

- 640 x 480 at up to 30 fps
- 320 x 240 at up to 30 fps
- 160 x 112 at up to 30 fps

Lens

- Focal length: 2.2 mm, F2.0

IR LED

- 8 meter illumination distance with 10 LEDs and light sensor

Minimum Illumination

- Color: 1 lux @ F2.0 (Day)
- B/W: 0 lux @ F2.0 (Night)

Viewing Angle

- Horizontal: 66.2°
- Vertical: 49.08°
- Diagonal: 77.04°

Pan/Tilt Range

- Pan Range: +170° ~ -170° (Total 340°)
- Tilt Range: +95° ~ -25° (Total 120°)

Digital Zoom

- Up to 4x

3A Control

- AGC (Auto Gain Control)
- AWB (Auto White Balance)
- AES (Auto Electronic Shutter)

Power

- Input: 100-240 V AC, 50/60 Hz
- Output: 12 V DC, 1 A

Dimensions (W X D X H)

- Camera Only - 102.35 x 101.27 x 133.6 mm (4.03 x 3.99 x 5.26 inches)
- Camera Including Mounting Bracket - 102.35 x 101.27 x 230.0 mm (4.03 x 3.99 x 9.06 inches)

Max Power Consumption

- 8.64W

Operation Temperature

- 0 °C to 40 °C (32 °F to 104 °F)

Storage Temperature

- -20 °C to 70 °C (-4 °F to 158 °F)

Certifications

- FCC Class B
- CE
- CE LV D
- C-Tick

¹ Use of audio or video equipment for recording the image of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local and federal laws.

² Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link. Maximum throughput based on D-Link's 802.11n devices.

³ Computer must adhere to Microsoft's recommended system requirements.

⁴ Zero Configuration requires mydlink-enabled Cloud Router.

⁵ Using equal storage space, H.264 video compression records up to 5X more when compared to MJPEG recording.

⁶ 4x digital zoom enlarges an image by magnifying the pixels in a selected portion of the image by 4 times.

⁷ The mobile device must have a mobile or WiFi data connection. Non-iOS/Android playback devices must be equipped with 3G video playback software such as RealPlayer™ or PacketVideo™.

⁸ 24/7 Basic Installation Support is available only in the USA for the first 30 days from date of original purchase.

⁹ 1-Year Limited Warranty available only in the USA and Canada.

D-Link disclaims any liability whatsoever for any end-user use of D-Link products which fails to comply with applicable laws and regulations.

For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

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Building Networks for People