D-Link®

See up to 26 feet in the dark

Wireless Range Extender

Sound & motion detection alerts

See every detail with 4x digital zoom

WPS and mobile app for easy setup

mydlink® apps for remote viewing

WPS   PWR

D-Link

DCS-5020L
PAN & TILT WI-FI CAMERA

Features

Premium Resolution and Visibility
- Pan & tilt function to see a wider area
- See up to 26 feet in complete darkness with built-in IR LEDs
- Supports H.264/M-JPEG video codecs
- 4x digital zoom for close-up viewing
- Built-in microphone

Security
- Sound & motion detection triggers e-mail/push alert notifications
- Save snapshots/video clips to your mobile device

Ease of Use
- Uses the Wireless N technology so you can install the camera anywhere with ease
- WPS support for easy wireless connection
- Extender mode for expanding wireless range

Convenient Control with mydlink® Support
- mydlink app support for iPhone, iPad, Android and Windows phone
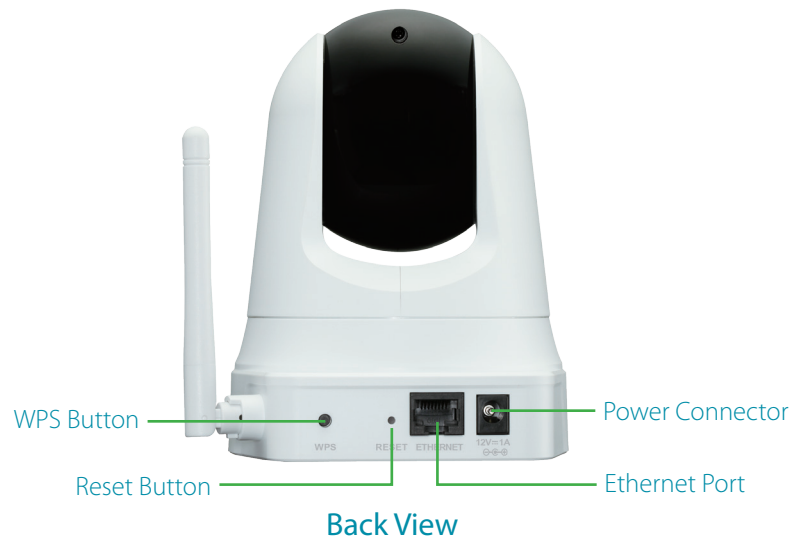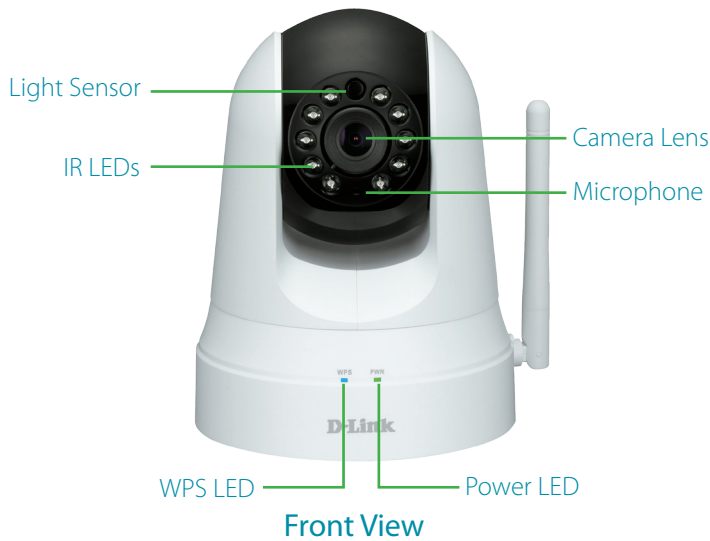- mydlink portal for easy viewing and management

Overview

View more, do more and protect more with the clarity and mobile control of D-Link's Pan & Tilt Wi-Fi Camera (DCS-5020L) 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 sound and motion-sensing with 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.

Connect to More

With sharp, responsive pan & tilt movement, 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. Why wait for a costly technician to install your system? With the Pan & Tilt Wi-Fi Camera, installation is fast, easy, and flexible. The built-in Wi-Fi extender provides a convenient way to expand your wireless network. Placing the camera within your current network area expands your Wi-Fi signal, providing effortless connectivity to more rooms and more devices, making dead zones a thing of the past. 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.

Convenient Access Anytime, Anywhere with mydlink®

Enhanced with mydlink® support, the Pan & Tilt Wi-Fi Camera makes it easy and convenient for you to look after your family, pets, home or small business. With a mydlink enabled camera, you can stay connected to everything you love from anywhere, anytime. Access your camera through the mydlink website or one of the mydlink mobile apps to view and manage your camera through your desktop, laptop, tablet or mobile phone, no matter where you are.

Light Sensor
IR LEDs
Camera Lens
Microphone
WPS LED
Power LED
Front View

WPS Button
Reset Button
Power Connector
Ethernet Port
Back View

Technical Specifications

Camera

Hardware Profile	• 1/5"VGA progressive CMOS sensor
	• 26 feet IR illumination distance
	• 0 lux with IR LEDs on
	• Built-in Infrared-Cut Removable (ICR) Filter module
	• 4x digital zoom
	• Focal length: 2.2 mm
	• Aperture: F2.0
		• Angle of view:
		  • (H) 66.22°
		  • (V) 49.08°
		  • (D) 77.04°
		• Built-in microphone
		• Exposure time: 1/15-1/15,000 sec.

Image Features	• Adjustable image size, quality, frame rate and bit rate • Configurable brightness, saturatio and contrast	• Configurable motion detection windows • Time stamp and text overlays
Video Compression	• H.264/MJPEG	• JPEG for still images
Video Resolution	• 640 x 480 at up to 30 fps • 320 x 240 at up to 30 fps	• 160 x 120 at up to 30 fps
Audio	• PCM	
External Device Interface	• Power Connector • 10/100Base-TX Ethernet Port • Power L:ED	• WPS LED • WPS Button • Reset Button

Pan & TIlt

Pan Range	• -170° to +170° (total 340°)
Tilt Range	• -25° to + 95° (total 120°)

Network

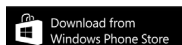|		
Network Protocols	• IPV4, ARP, TCP, UDP, ICMP • DHCP Client • NTP Client (D-Link) • DNS Client • DDNS Client (D-Link) • SMTP Client	• FTP Client • HTTP Server • PPPoE • UPnP Port Forwarding • LLTD
Security	• User/password authentication	• HTP digest encryption
Wireless Connectivity	• 802.11n/g/b wireless with WEP/WPA-PSK/WPA2-PSK encryption	• Operates on 2.4GHz frequency band

System Integration

System Requirements for Web Interfaces	• Operating system: Microsoft Windows 8/7[1], XP[1], Vista[1] or Mac OS X (10.5 and above)	• Browser: Internet Explorer 6, Firefox 12 or above, Safari 4 or above, Chrome 20 or higher with Java installed and enabled
Event Management	• Event notification and uploading of snapshots/video clips via e-mail (SMTP) or FTP	• Motion detection • Sound level detection
D-ViewCam™ System Requirements	• Operating system: Microsoft Windows 7, XP, Vista • Browser: Internet explorer 7 or higher	• Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	• Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen	• Scheduled motion triggered, or manual recording options • Supports all management functions provided in web interface

Remote Access

Remote Management	• Configuration accessible via web browser	
Mobile Support	• mydlink Lite app for iOS, Android and Windows	• mydlink+ app for iOS and Android

General

Weight	• Camera only: 0.64 lbs	• Mounting bracket: 0.13 lbs
Power	• 12 V DC 1 A, 50/60 Hz	
Power Consumption	• 8.64 watts	
Temperature	• Operating: 32 to 104 °F (0 to 40 °C)	• Storage: -13 to 158 °F (-25 to 70 °C)
Humidity	• Operating: 20% to 80% non-condensing	• Storage: 20% to 80% non-condensing
Certifications	• CE • CE LVD	• FCC Class B • C-Tick
Dimensions	• Camera only: 4.03 x 3.99 x 5.26 inches	• With mounting bracket: 4.03 x 3.99 x 9.06 inches
Package Contents	• Pan & Tilt Wi-Fi Camera (DCS-5020L) • Power adapter • Ethernet cable	• Mounting bracket and screws • Quick install guide

Order Information

Part Number	Description
DCS-5020L	Pan & Tilt Wi-Fi Camera

[1] Computer must adhere to Microsoft's recommended system requirements.

For more information

mydlink Lite only

Updated January 2015