Wireless Day & Night Internet Camera

Hardware Features

+ Illumination 0.5 Lux for Low Light Conditions
+ Supports Optional Auto Iris Lens for Day & Night Monitoring[1]
+ 4x Digital Zoom[3]
+ Built-in Microphone
+ External Speaker Connection
+ Metal Chassis

Software Features

+ Monitor Up to 16 Cameras Simultaneously
+ Motion Triggered Audio/Video Recording
+ Scheduled Audio/Video Recording
+ Send E-mail/FTP Alerts
+ DDNS Support
+ UPnP™ Support

Connectivity

+ Wireless 802.11g or 802.11b
+ 10/100 Ethernet
+ BNC

Video Formats

+ MPEG-4
+ MJPEG
+ Up to 30 Frames per Second

Enable 2-Way Audio

+ Built-in Microphone
+ Attach External Speakers[2]

Compatible Outdoor Enclosures

+ DCS-40, DCS-45, DCS-50, and DCS-60

Overview

The D-Link DCS-3420 Wireless Day and Night Internet Camera is designed for the small to medium-sized business (SMB) and home market to capture video or take snapshots in a variety of lighting conditions and provide remote monitoring capabilities over the Internet.

Full-featured Wireless Surveillance Camera

The DCS-3420 can be placed anywhere on the network either through a wired Ethernet or wireless 802.11g/802.11b connection to view the camera's video feed. You can also instantly take snapshots while remotely viewing video feed from a Web browser. The DCS-3420 provides enhanced viewing capabilities with 4x digital zoom for close-ups[3]. With 0.5 Lux light sensitivity, The DCS-3420 can capture video under minimal lighting conditions. Furthermore, you can enable 2-way audio and talk to anyone within close proximity to the camera's built-in microphone by connecting external speakers to the DCS-3420[2].

Advanced Software Features

Innovative software is included to enhance the monitoring and management of the DCS-3420. Simultaneously view up to 16 cameras at once, set up manual or scheduled video/audio recording to a hard drive, and set the camera to record or send e-mail alerts whenever the motion sensor is triggered. The DCS-3420 supports MPEG-4 and MJPEG video dual codec that can easily be viewed using Windows® Internet Explorer Web browser.

Customize Your Application

Customize your surveillance application with the DCS-3420 by adding an optional IR illuminator to view and capture images at night[1]. In addition, the original lens of the DCS-3420 can be replaced with another lens of your choice, such as a night vision lens, to enable monitoring in completely dark conditions[1]. Interchanging the day and night lens is simple, quick, and hassle-free. With a built-in BNC connector, video feed from the DCS-3420 can be transmitted on to a standard video security monitor or to any CCTV video server. By using the DCS-3420 (wired mode only) with a D-Link DCS-40, DCS-45, DCS-50, or DCS-60 camera enclosure, you can easily implement outdoor monitoring.

Easy Installation, Easier to Use

The DCS-3420 adheres to the Universal Plug & Play (UPnP™) specifications, which allows computers running Windows® XP to recognize the DCS-3420 and automatically add it to the network. The DCS-3420 can be accessed and viewed from "My Network Places" as a device on the network. By signing up with one of many free Dynamic DNS services available on the web, you can create a personal web address (e.g., www.mycamera.myddns.com) for your camera. This allows you to remotely access your camera and monitor your site without having to remember the IP address, even if it has been changed by your Internet Service Provider.

Packed with advanced features and remote monitoring capabilities, enable quality video and audio surveillance in a variety of lighting conditions with the D-Link DCS-3420 Wireless Day and Night Internet Camera.

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Technical Specifications	
Camera Specification	+ 1/3" Color CCD Sensor + 0.5 Lux + AGC/AWB/AES/BLC + Electronic Shutter: 1/60 ~ 1/100000 Second + Standard CS Mount Type Lens, 6mm, F2.0
Networking Protocol	TCP/IP, HTTP, SMTP, FTP, NTP, DNS, DHCP, DDNS, and UPnP
Ethernet	10BaseT or 100BaseT Fast Ethernet Auto-negotiation
WLAN	+ 2.4GHz/802.11g or 802.11b + Bit Rate: Up to 54Mbps4 + Security: Up to 128-bit WEP, WPA-PSK
Antenna Type	2.4GHz Swivel Type, Monopole
Frequency	2.4GHz to 2.5GHz
Impedance	50 Ohms Nominal
Gain	2dBi Typical
Remote Management	Camera Configuration and Camera System Log (can be Accessed Remotely via Internet Explorer 6.x or Above Web Browser)
Supported Video Algorithms	+ MPEG-4 Simple Profile Mode + MJPEG
Video Resolution	+ Up to 30Fps at 176x120 / 176x144 + Up to 30Fps at 352x240 / 352x288 + Up to 10Fps at 704x480 / 704x576
Audio	8Kbps to 32Kbps
LED Indicator	Bi-color Status Indicator
General I/O	+ 1 Opto-isolated Sensor Input (max.12VDC50mA) + 1 Relay Output (max. 24VDC 1A, 125VAC 0.5A)
Security	+ Administrator and User Group Protected + Password Authentication
Power	12VDC 1.5A, External Power Supply
Viewing System Requirements	+ Protocol: Standard TCP/IP Internet Suite ActiveX + Operating System: Microsoft Windows XP/2000 + Browser: Internet Explorer 6.x or Above
Environmental	+ Operating Temperature: 32°F to 102°F (0°C to 39°C) + Storage Temperature: -4°F to 158°F (-20°C to 70°C) + Maximum Humidity: 85% RH (Non-condensing)
Safety	+ FCC Class B + CE

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Minimum System Requirements	+ Computer with:
	 - 1.7GHz Processor
	 - 256MB Memory
	 - Windows® XP SP2 or Windows 2000 SP4
	 - Internet Explorer v6
	+ Multiple Camera Operation Requires
	 - Computer with:
	   - 2.8GHz Processor
	   - 512MB Memory
	   - 32MB Video Card
	   - Windows® XP SP2 or Windows 2000 SP4
	   - Internet Explorer v6

Package Contents	+ DCS-3420 Wireless Day & Night Internet Camera + Detachable Antenna + CAT5 Ethernet Cable + Power Adapter + Mounting Kit + Quick Installation Guide + CD-ROM[5] with - Software - Product Documentation
Weight	+ Item: 1.2 lbs + Packaging: 1.5 lbs
Dimensions	+ Item (WxHxD): 3.2" x 2.4" x 6.7" + Packaging (WxHxD): 9.7" x 3.3" x 11.3"
Warranty	1-Year Limited[6]

[1] Additional lens and IR illuminator sold separately.
[2] Speakers sold separately.
[3] 4x digital zoom enlarges an image by magnifying the pixels in a selected portion of the image by 4 times.
[4] Maximum wireless signal rate derived from IEEE Standard 802.11g 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.
[5] Latest Software and Documentation available at http://support.dlink.com.
[6] 1-Year Limited Warranty available only in the USA and Canada.

Use of audio or video equipment for recording the image or voice of a person without their knowledge and consent is prohibited in certain states or jurisdictions. Nothing herein represents a warranty or representation that the D-Link product provided herein is suitable for the end-user's intended use under the applicable laws of his or her state. D-Link disclaims any liability whatsoever for any end-user use of the D-Link product which fails to comply with applicable state, local or federal laws.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.

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