D-Link®
Building Networks for People

Product Highlights

No Cabling to Install, No Complicated Setup

Uses your existing electrical wiring as an Ethernet network connection, enabling you to monitor areas without traditional network connectivity

Sound and Motion Detection with Night Vision

Never miss an important moment with the ability to be alerted to either sound or motion activation, night vision ensures that even low light areas are viewable

mydlink Cloud Service Enabled Device

Stay connected to everything you love from anywhere, anytime, the mydlink service provides peace of mind when away from the home or office

DCS-6045L

PowerLine HD Day/Night Cloud Camera

Features

Convenient Network Connectivity
- PowerLine interface compatible with HomePlug AV standards
- PowerLine data transfer rates of up to 200 Mbps
- Subtle design discreetly blends into you home

Multimedia
- Real-time H.264 and MJPEG compression
- Motion detection
- Sound level detection

Security
- Send snapshots or video clips to your FTP site or via e-mail
- Remote video monitoring

Camera
- High-quality HD CMOS
- Built-in IR LED

Ease Of Use
- UPnP & DDNS support
- PLC support

Instant Access Anywhere
- mydlink enabled

The DCS-6045L PowerLine HD Day/Night Cloud Camera is a versatile and unique solution for your small office or home. Unlike a standard webcam, the DCS-6045L does away with traditional wired or wireless connections and instead uses your existing electrical wiring. A complete system with a built-in CPU and web server, the DCS-6045L transmits high quality video images for round-the-clock security and surveillance.

Peace of Mind With 24/7 Monitoring of Any Environment

The DCS-6045L is a standalone surveillance camera that requires no special hardware or software, and can run independently even without a PC. Send e-mail notifications with snapshots or video clips whenever motion or sound is detected using just the DCS-6045L and an Internet connection. You can customize areas of the video to monitor motion to keep watch over entryways, and you can set volume limits to detect when a loud sound is picked up by the camera. Night time monitoring is possible with the built-in infrared LEDs which allow for night time viewing of up to 19.6 feet (6 meters), enabling round-the-clock monitoring of your home or small office.

Data Transmission Over Electrical Wiring

The DCS-6045L plugs directly into a power outlet, and does not require any additional cables. It is designed to be used with any D-Link PowerLine adapter[1], which turns every power outlet into a possible network connection to access digital media devices, game consoles, print servers, computers, and network storage devices throughout your home.
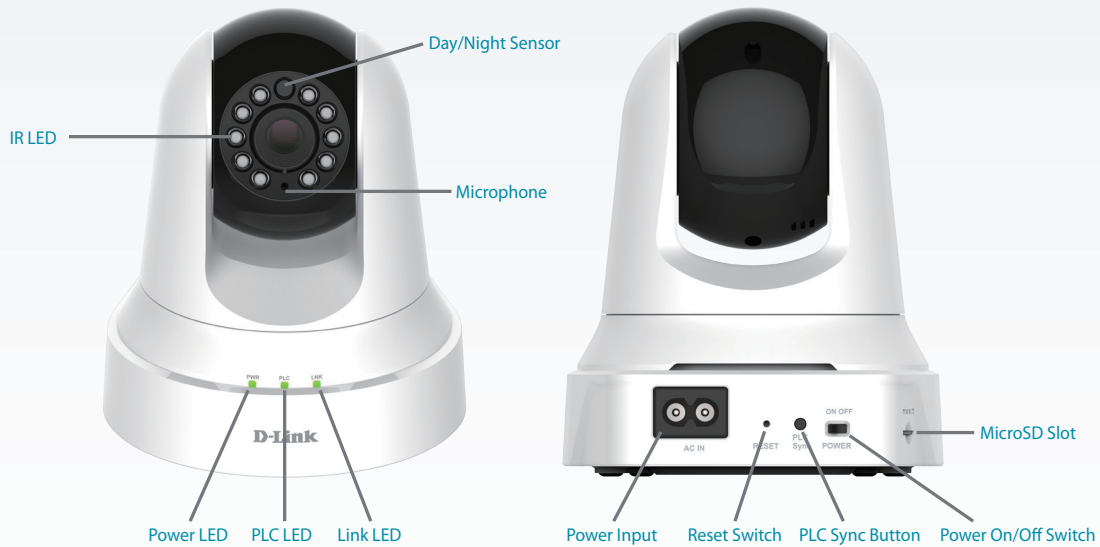
Full-Featured Surveillance System

Included with the DCS-6045L is the D-ViewCam software, which adds enhanced features and functionality that helps you create a full surveillance system. D-ViewCam enables centralized management of multiple network cameras, supporting up to 32 network cameras and up to 64 users. With a dedicated computer it offers digital monitoring and recording with a wide array of features, including scheduled, motion, and manual recording options.

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Instant Anywhere Access With mydlink Cloud Service

Enhanced with mydlink™ support, the DCS-6045L makes it easier and more convenient for you to look after your home or office environment.   With a mydlink camera, you can stay connected to everything you love from anywhere, anytime. The mydlink service can be accessed using a web browser, and also provides an optional downloadable mydlink app that gives users control of their network on their mobile devices. With the mydlink app, you can quickly and easily view your camera feed from anywhere using a Wi-Fi, 3G, or 4G connection.

DCS-6045LKT PowerLine HD Day/Night Cloud Camera Kit

The DCS-6045L is also available in a starter kit that provides a complete PowerLine solution. The DCS-6045LKT PowerLine HD Day/Night Cloud Camera Kit includes a DCS-6045L PowerLine HD Day/Night Cloud Camera and a DHP-308AV adapter, allowing you to create and start using the DCS-6045L with a PowerLine network in your home right away.

Day/Night Sensor

IR LED

Microphone

Power LED   PLC LED   Link LED

Power Input   Reset Switch   PLC Sync Button   Power On/Off Switch

MicroSD Slot

Technical Specifications

Camera

Camera Hardware Profile	• 1/4" 1 MP progressive CMOS sensor
	• 6 meter IR illumination distance minimum illumination 0 lux with IR LED on
	• Built-in Infrared-Cut Removable (ICR) filter module
	• 4X digital zoom
	• Fixed length 3.3 mm
	• Aperture F2.0
		• Angle of view:
		  • (H) 68.88°
		  • (V) 37.85°
		  • (D) 79.77°
		• Minimum object distance: 400 mm
		• Exposure Time: 1 to 1/38400 seconds
		• Built-in microphone

Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays	• Configurable motion detection windows • Configurable brightness, saturation, contrast
Video Compression	• H.264/MJPEG format compression simultaneously	• JPEG for still image
Video Resolution	• 1280 x720, 640 x 480, 320 x 240 at frame rates up to 30 fps[2]	
Audio Compression	• PCM	• AAC
Connectivity	• PowerLine 200 Mbps (PHY rate)	
External Device Interfaces	• MicroSD/SDHC slot[3]	

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
Security	• Password authentication	• HTTP digest authentication

DCS-6045L PowerLine HD Day/Night Cloud Camera

System Integration

System Requirements for Web Interfaces	• Operating system: Microsoft Windows 8, 7, Vista, XP • Browser: Internet Explorer, Firefox, Safari, Chrome
Event Management	• Motion detection • Event notification and uploading of snapshots/video • Sound level detection clips via SMTP or FTP
Remote Management	• Configuration accessible via web browser
Mobile support	• mydlink Lite app for iOS and Android
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 8, 7, Vista, XP • Protocol: Standard TCP/IP • Web Browser: Internet Explorer 7 or higher
D-ViewCam™ Software Functions	• Remote management/control of up to 32 cameras • Scheduled motion triggered, or manual recording • Viewing of up to 32 cameras on one screen options • Supports all management functions provided in the web interface

General

Dimensions, including base	• 113 x 114 x 139 mm (4.44 x 4.48 x 5.47 inches)
Weight	• 262 grams (0.57 lbs) without stand • Stand: 60.8 grams (0.13 lbs)
Power	• 100-240 V AC, 50/60 Hz
Power Consumption	• 8 watts
Temperature	• Operating: 0 to 40 ℃ (32 to 104 °F) • Storage: -20 to 70˚ C (-4 to 158 ˚F)
Humidity	• Operating: 20% to 80% non-condensing • Storage: 20% to 80% non-condensing
Certifications	• CE, CE LVD, FCC, C-Tick
Dimensions Diagram	

Order Information

Part Number	Description
DCS-6045LKT	PowerLine HD Day/Night Cloud Camera Kit

[1] The DCS-6045L is compatible with PLC adapters using the standards listed below;
    • HomePlug 1.1
    • HomePlug AV
[2] Frame rates when streaming video may vary depending on network conditions and method used.
[3] A microSD Class 6 card or above is recommended. Supports card capacities up to 32GB.

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