



# User Manual

## HD Ultra-Wide View Wi-Fi Camera

DCS-960L

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# Manual Overview

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## Manual Revision

Revision	Date	Description
1.00	Nov. 04, 2015	DCS-960L Revision A1 with firmware version 1.00

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### ErP Power Usage

This device is an Energy Related Product (ErP) designed to be always on. If it is not needed during certain periods of time, it can be unplugged to save energy.

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# Table of Contents

<b>Product Overview.....</b>	<b>4</b>	Image Setup.....	31
Package Contents .....	4	Audio and Video .....	32
System Requirements.....	4	Preset.....	33
Introduction .....	5	Motion Detection.....	35
Features .....	5	Sound Detection .....	36
Hardware Overview.....	6	Mail.....	37
Front View .....	6	FTP .....	38
Rear View.....	7	Snapshot .....	39
Side View .....	7	Video Clip.....	40
<b>Installation .....</b>	<b>8</b>	SD Recording.....	41
Wireless Installation Considerations .....	9	SD Management.....	42
Mobile App Setup .....	10	Time and Date .....	43
Zero Configuration Setup .....	11	Day/Night Mode.....	44
Mounting the Camera .....	14	Maintenance .....	45
mydlink .....	16	Admin.....	45
<b>Configuration.....</b>	<b>17</b>	System.....	46
Accessing the Web Configuration Utility.....	17	Firmware Upgrade.....	47
Live Video .....	18	Status.....	48
Setup.....	20	Device Info.....	48
Wizard .....	20	System Log .....	49
Internet Connection Setup Wizard .....	21	Event Log .....	50
Motion Detection Setup Wizard .....	24	<b>Troubleshooting .....</b>	<b>51</b>
Network.....	27	<b>Technical Specifications .....</b>	<b>52</b>
Wireless Setup.....	29	<b>Regulatory Information .....</b>	<b>54</b>
Dynamic DNS .....	30		

# Product Overview

## Package Contents

- DCS-960L HD Ultra-Wide View Wi-Fi Camera
- Power Adapter
- Mounting Kit
- Quick Install Guide
- Quick Install Card

**Note:** Using a power supply with a different voltage than the one included with your product will cause damage and void the warranty for this product.

If any of the above items are missing, please contact your reseller.

**Note:** You can power this camera with a USB battery that supplies 5 V and at least 1.5 A of power.



## System Requirements

- 802.11ac/n/g/a router (a D-Link Cloud Router is recommended)
- A broadband Internet connection
- iPhone, iPad, Android, or Windows smartphone or tablet (please refer to the mobile app's store page to check whether your device is compatible)

# Introduction

The DCS-960L HD Ultra-Wide View Wi-Fi Camera boasts a horizon-wide 180° lens that easily captures your entire room, wall-to-wall, in high-quality 720p. Its rotatable head makes ceiling installations easy, and the built-in night vision, and handy mobile app empower you with knowing exactly what is happening, day or night.

## Features

### **180° Wide Angle Lens**

The DCS-960L provides whole-room coverage with a 180° wide angle lens, eliminating the need for multiple cameras to cover a single room. Built-in dewarping technology automatically corrects the image for you.

### **720p HD Video**

The 720p HD sensor provides crisp detail and clarity for high-quality snapshots and video.

### **Comprehensive Day/Night Surveillance**

The built-in infrared LEDs enable night time viewing of up to 16 feet (5 meters), and motion and sound detection can automatically take snapshots or video clips when something happens and send it to your e-mail inbox or save it to the microSD card slot.

### **Wireless AC**

The DCS-960L uses high-speed Wireless AC to connect to your wireless router, and is backwards compatible with 802.11n/g/a.

### **Web Configuration**

Using a standard web browser, you can configure and manage the DCS-960L through the mydlink website, so you can access your DCS-960L anytime, anywhere in the world.

### **Broad Range of Applications**

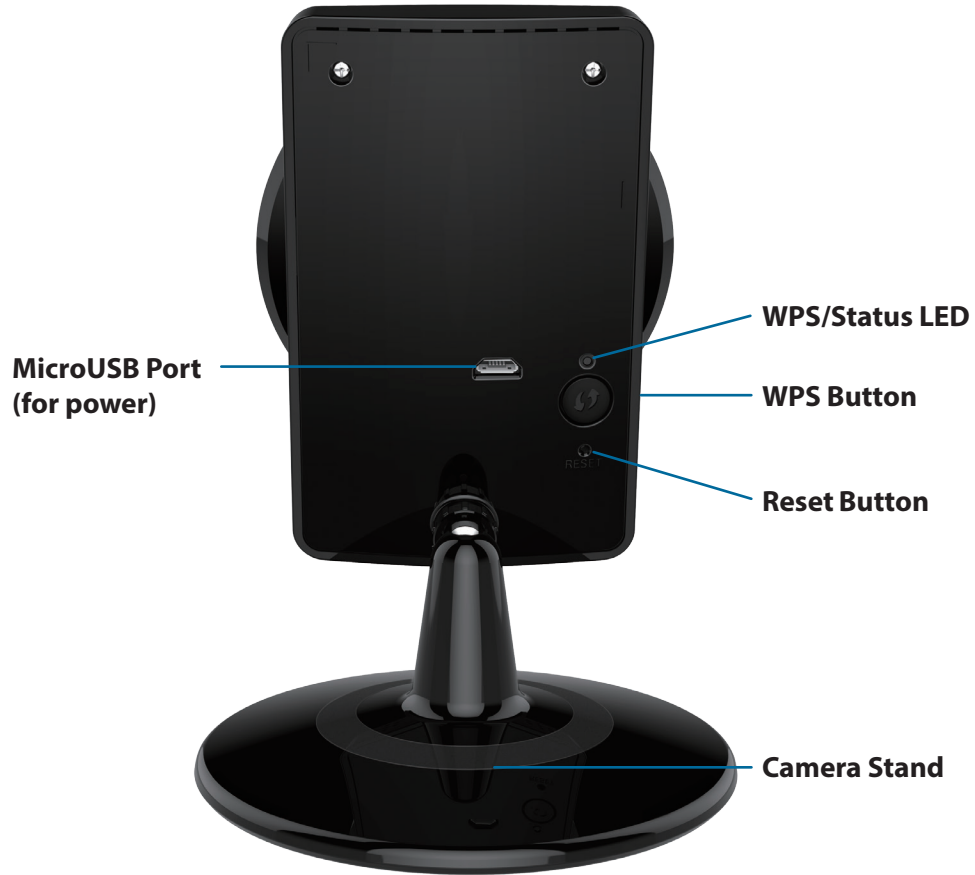
With today's high-speed Internet services, the Network Camera can provide the ideal solution for delivering live video images over the Intranet and Internet for remote monitoring. The Network Camera allows remote access using a Web browser for live image viewing, and allows the administrator to manage and control the Network Camera anytime, anywhere in the world. Many applications exist, including industrial and public monitoring of homes, offices, banks, hospitals, child-care centers, and amusement parks.

# Hardware Overview

## Front View



## Rear View



## Side View



# Installation

There are two ways to set up your camera:

**mydlink Lite Mobile App:** You can use the mydlink Lite mobile app to guide you through setup and initial configuration of your camera. Refer to **Mobile App Setup** on page 10.

**Zero Configuration Setup:** If you have a mydlink-enabled router (D-Link cloud router), this is the easiest way to set up your camera. Refer to **Zero Configuration Setup** on page 11.



# Wireless Installation Considerations

This camera can connect to your network using a wireless connection from anywhere within the operating range of your wireless network. However, the number, thickness and location of walls, ceilings, or other objects that the wireless signals must pass through, may limit the range. Typical ranges vary depending on the types of materials and background RF (radio frequency) noise in your home or business. The key to maximizing wireless range is to follow these basic guidelines:

1. Minimize the number of walls and ceilings between your camera and other network devices - each wall or ceiling can reduce your wireless range from 3-90 feet (1-30 meters).
2. Be aware of the direct line between network devices. A wall that is 1.5 feet thick (.5 meters), at a 45-degree angle appears to be almost 3 feet (1 meter) thick. At a 2-degree angle, it looks over 42 feet (14 meters) thick. Position your devices so that the signal will travel straight through a wall or ceiling (instead of at an angle) for better reception.
3. Building materials make a difference. A solid metal door or aluminum studs may weaken the wireless signal. Try to position your access points, wireless routers, and other networking devices where the signal passes through drywall or open doorways. Materials and objects such as glass, steel, metal, walls with insulation, water (fish tanks), mirrors, file cabinets, brick, and concrete will degrade your wireless signal.
4. Keep your product at least 3-6 feet or 1-2 meters away from electrical devices or appliances that generate RF noise.
5. If you are using 2.4GHz cordless phones or other radio frequency sources (such as microwave ovens), your wireless connection may degrade dramatically or drop completely. Make sure your 2.4GHz phone base is as far away from your wireless devices as possible. The base transmits a signal even if the phone is not in use.

## Mobile App Setup

You can configure your camera through the mydlink Lite mobile app. On your mobile device, download mydlink Lite by searching for **mydlink Lite** in the iTunes App Store, Google Play, or the Windows Store.



Launch the mydlink Lite app and create a new account or sign in to your existing account. Follow the onscreen instructions to set up your camera.

When you are asked to scan a QR code, use the code on the Quick Install Card in your package, or on the label attached to your device.

Congratulations, your DCS-960L is now ready to use! Be sure to check the **mydlink.com** website periodically for the latest firmware updates to keep your product secure and up to date with the latest features.

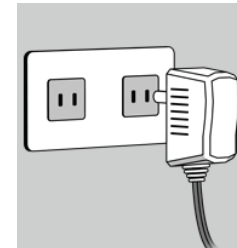
# Zero Configuration Setup

**If you have a mydlink-enabled Cloud Router**, you can take advantage of Zero Configuration Setup. Zero Configuration automatically configures your camera's settings for you, and adds the camera to your mydlink account automatically. This type of setup allows you to set up your camera by simply plugging it in and connecting it to your router.

Connect your camera to your mydlink-enabled Cloud Router and Zero Configuration will automatically configure your DCS-960L and add the camera to your mydlink account. After the short time it takes to do this you can remotely access your camera from the website (<http://www.mydlink.com>) to manage and monitor your DCS-960L.

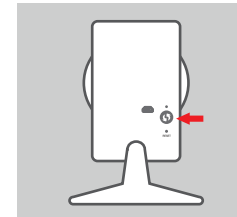
## Plug in the External Power Adapter

Connect the power adapter to the microUSB port on the back of the camera. Plug the power adapter in to a wall outlet.



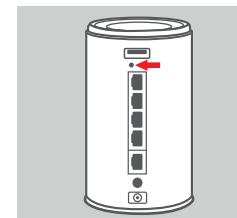
## Press the WPS button on your camera

Press and hold the WPS button for three seconds. The WPS status LED will start blinking green.



## Press the WPS button on your Cloud Router

Press the WPS button on your router within 60 seconds. The WPS button is usually on the side or back of your Cloud Router. The DCS-960L will automatically create a secure wireless connection to your router and reboot. When it has successfully connected, the Power LED will be lit green.



## Check Your mydlink Account

From any computer with an Internet connection, open a web browser and login to your mydlink account. The mydlink page will check for new devices and display a **New device Found!** pop-up notification in the bottom-left corner. Click the notification to continue.

The screenshot shows the mydlink web interface for a DIR-605L router. The interface includes a navigation bar with 'My Devices', 'Shared Devices', 'My Services', and 'My Profile'. The main content area displays 'Router Status' and 'Settings' tabs. The 'Router Status' section shows the model name (DIR-605L), network name (Taonet), internet IP (192.168.1.103), LAN IP (192.168.0.1), and connected devices (5 devices). Below this is a 'Connection List' table with columns for Device, Device Name, IP Address, MAC Address, and Block. The table lists five devices, including 'CardboardBox', 'HeiGuy', and others. A 'Suspect List' table is also visible at the bottom.

Device	Device Name	IP Address	MAC Address	Block
	CardboardBox	192.168.0.110	00:26:2D:02:FE:FA	<input type="checkbox"/>
	--	192.168.0.120	04:54:53:50:53:18	<input type="checkbox"/>
	HeiGuy	192.168.0.100	00:1A:92:E2:4D:C9	<input type="checkbox"/>
	--	192.168.0.121	28:E9:2C:DC:0A:BE	<input type="checkbox"/>
	--	192.168.0.101	F0:A2:25:AA:8C:C3	<input type="checkbox"/>

A summary and confirmation notification will appear with the automatically configured details. Make a note of the details and click **Yes** to add the camera to your account.

The screenshot shows a 'Confirming New Device' dialog box. It asks if the user wants to add a new device to their mydlink account. The device details are listed as follows:

- Device Name:** DCS-960L
- mydlink Number:** 44441252
- Network name (SSID):** dddddd
- Admin Password:** oic953XZ

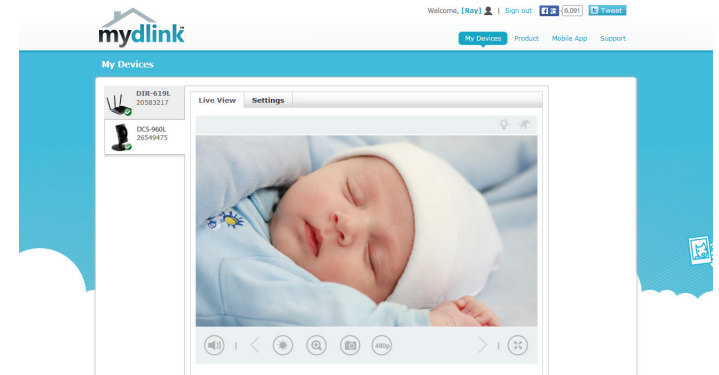
The dialog also includes a note: 'You can change these default settings by going to **Advanced Settings** after add it to your device list.' At the bottom, there are two buttons: 'Not now' and 'Yes'.

## Section 2 - Installation

Zero Configuration will navigate to the mydlink Live View tab for your camera where you will see a screen similar to the following.

Your camera is now set up, and you can skip to **mydlink** on page 16 to learn more about the mydlink features of this camera, or to **Configuration** on page 17 for advanced configuration of your camera.

**Note:** If you see a white haze when viewing in night vision mode, the night vision light on the camera may be reflecting off a nearby surface. Try repositioning and aiming the camera.

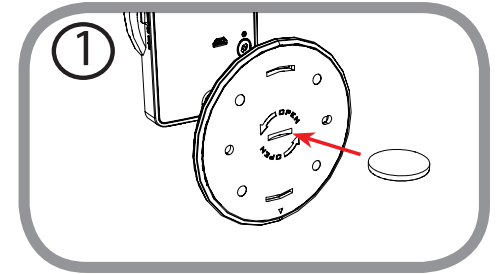


# Mounting the Camera

To mount your camera on a wall or ceiling, please follow the steps below. It is recommended that you configure the camera before mounting.

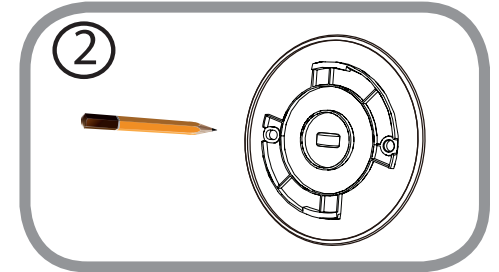
## Step 1

Turn the base plate on the bottom of the camera counterclockwise with a coin to remove it.



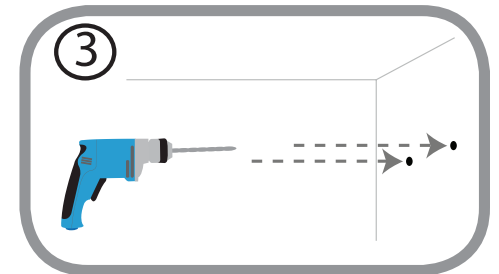
## Step 2

Place the base plate where you want to position the camera and use a pencil to mark the holes. Make sure the holes are lined up horizontally.



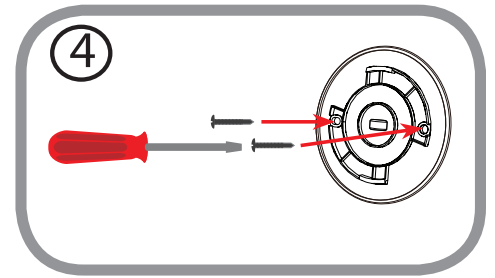
## Step 3

Depending on the material of the wall or ceiling, use proper tools to drill two holes 25mm deep with a 6mm drill bit where you marked. If the wall is made out of concrete, drill the holes first, then insert the plastic anchors to support the screws.



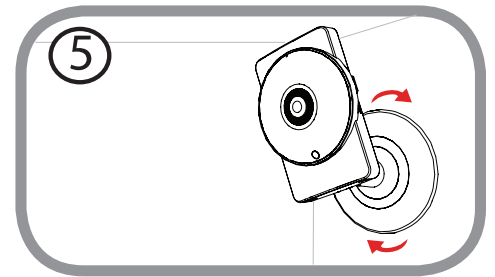
### Step 4

Place the base plate over the holes that are in the wall. Make sure to align the base plate holes with the holes in the wall. Use the supplied screws to attach the base plate to the surface of the wall. Do not overtighten screwheads as this may crack the mount.



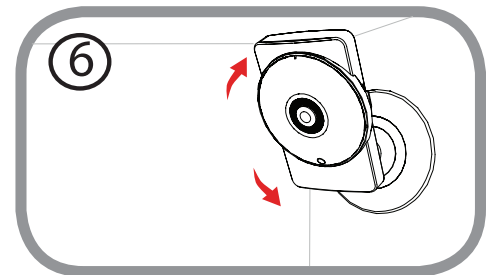
### Step 5

Place the camera over the base plate and turn the camera clockwise to lock it in place.



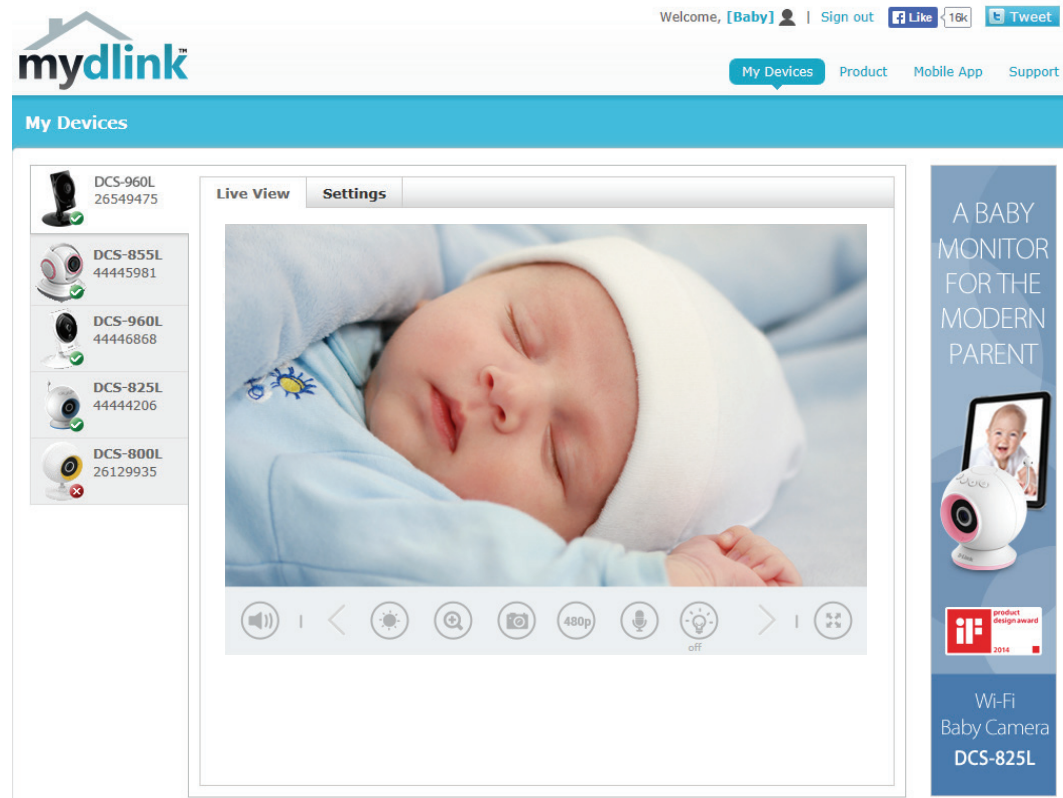
### Step 6

Adjust the angle of the camera as desired.



# mydlink

After registering your camera with a mydlink account, you will be able to remotely access your camera from the **www.mydlink.com** website. After signing in to your mydlink account, you will see a screen similar to the following:



For more details on using your camera with mydlink, go to the **Support** section of the mydlink website and check the **User Manual** section for your product to find the latest instruction guide for your camera's mydlink features.



# Configuration

## Accessing the Web Configuration Utility

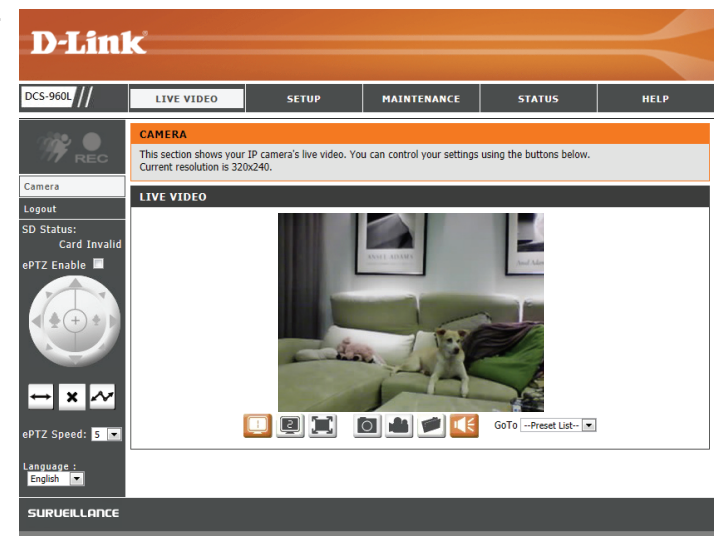
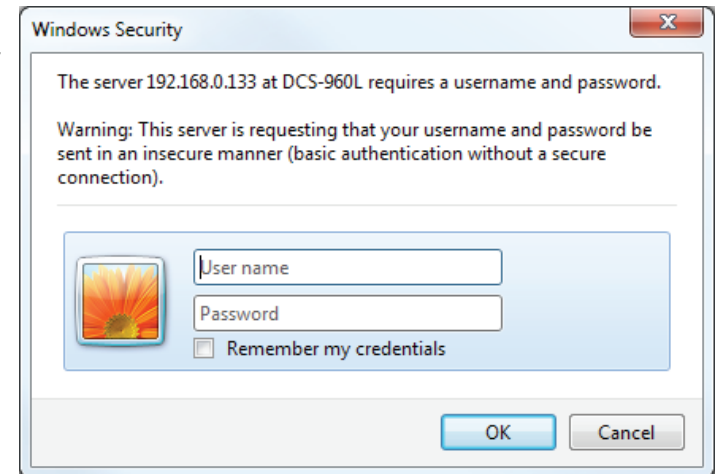
After installing and setting up your camera with the mydlink Lite app, you are ready to use your camera. The camera's built-in Web configuration utility is designed to allow you to easily access and configure your DCS-960L.

To log in, use a web browser on your PC to go to the **www.mydlink.com** website and log in to your account. Select your camera, click on the **Settings** tab, then click on the **Advanced Settings** button. Use the User name **admin** and the password you created while setting up the camera. If you did not create a password, the default password is blank. After entering your password, click **OK**.

**Note:** If you are directly connecting your PC to the camera, the default IP is **192.168.0.20**

Please make sure that you have the latest version of Java application installed on your computer to ensure proper operation when viewing the video in Java mode. The Java application can be downloaded at no cost from Sun's web site (<http://www.java.com>).







When you connect to the home page of your camera, you may be prompted to download ActiveX. If you want to use ActiveX to view your video images instead of Java, then you must download ActiveX.

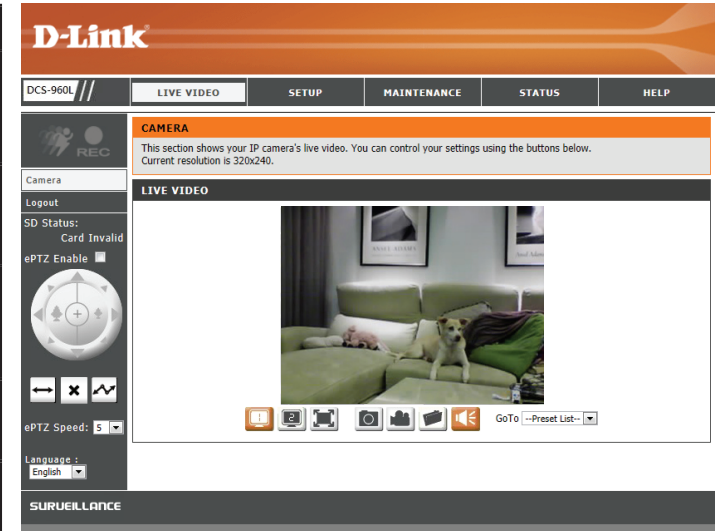


# Live Video

The Live Video page lets you view the live video stream from your camera.

Please make sure that you have the latest version of Java installed on your computer to ensure proper operation when viewing the video in Java mode. The Java application can be downloaded free from Sun's web site (<http://www.java.com>).








Icon	Button Name	Function
	Event Trigger Indicator	This indicator will change color when a trigger event occurs, such as when motion or sound is detected.
	Recording Indicator	When a recording is in progress, this indicator will change color.
	Control Pad	This control pad can be used to electronically pan, tilt, and zoom (ePTZ) within the camera's predefined view area, if one has been defined.
	Auto Pan	Starts the automatic panning function. The ROI will pan from back and forth within the FOV.
	Stop	Stops the camera ePTZ motion.
	Preset Path	Starts the camera's motion along the predefined path.



**ePTZ Enable:** Checking this box will allow you to use ePTZ, which will give you a zoomed view of the camera's Live Video that you can use the control pad to move around.

**ePTZ Speed:** You may select a value between 1 and 10. 0 is the slowest and 10 is the fastest.

**Language:** You may select the interface language using this menu.

	Profile 1/2	Switches between video profiles. Refer to <b>Audio and Video</b> on page 32 for more information.
	Full Screen	Switches to a full screen view of the camera video.
	Snapshot	Takes a snapshot of the image currently displayed on the screen and saves it to the hard drive in the folder specified using the Storage folder button.
	Video recording	Triggers the camera's recording function. This will record the video displayed on the screen and saves it to the hard drive in the folder specified using the Storage folder button.
	Storage folder	Sets the storage folder for snapshots and video recordings.
	Listen	Sends the audio received from the camera's microphone through to the PC's speakers.
	IR LED On/Off	Turns the Infrared lights on or off. (The icon only appears when you activate the manual IR option. Refer to Day/Night Mode in <b>Audio and Video</b> on page 32.)



**GoTo** If any presets have been defined, you can select them here to move the camera (**Preset List**): to the selected preset.

# Setup Wizard

This section allows you to begin setup wizards which will guide you through the process of getting your camera's various functions configured. If you are comfortable with adjusting the settings manually, you may skip the wizards and adjust settings manually as needed.

**Internet Connection Setup Wizard:** You may choose to configure your network by using the Internet Connection Setup Wizard that includes step-by-step instructions. Please refer to **Internet Connection Setup Wizard** on page 21 for more details.

**Manual Internet Connection Setup:** If you would rather manually set up the camera's Internet connection, you can refer to **Network Setup** on page 27 which provides more details on the information required.

**Motion Detection Setup Wizard:** You may choose to configure motion detection by using the Motion Detection Setup Wizard that includes step-by-step instructions. Please refer to **Motion Detection Setup Wizard** on page 24 for more details.

**Manual Motion Detection Setup:** If you would rather manually set up the camera's motion detection features, you can refer to **Motion Detection** on page 35 which provides more details on the information required.



## Internet Connection Setup Wizard

This wizard will guide you through a step-by-step process to configure your new D-Link Camera and connect the camera to the Internet.

Click **Next** to continue.

Select how the camera will connect to the Internet.

**If your camera is connected to a router, or you are unsure how your camera will connect to the Internet, select DHCP Connection.**

**If your ISP has assigned you a static IP, select Static IP Address** and enter the following details:

**IP Address:** Enter the IP address that the camera will use on your network. You may need to get this information from your ISP or network administrator.

**Subnet Mask:** The default value is "255.255.255.0." Used to determine if the destination is part of the same network segment.

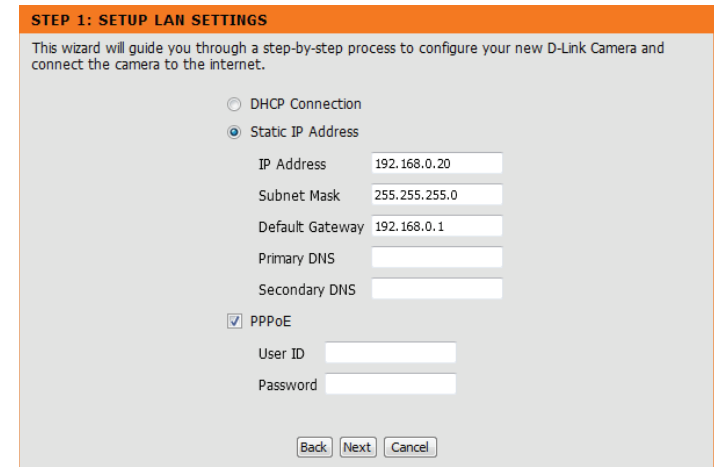
**Default Gateway:** The gateway used to forward data to destinations in a different subnet. Invalid gateway settings may cause the failure of transmissions to a different subnet.

**Primary DNS:** Primary domain name server that translates names to IP addresses.

**Secondary DNS:** Secondary domain name server to backup the Primary DNS.

**If you are required to connect using PPPoE, select PPPoE** and enter the User ID and Password for your PPPoE connection.

Click **Next** to continue.



## Section 3 - Configuration

A Dynamic DNS account allows you to access your camera over the Internet when you have an IP address that changes each time you connect to the Internet. If you have a Dynamic DNS account, click **DDNS Enable** and enter the following details:

**Server Address:** Select your Dynamic DNS Server from the drop-down menu.

**Host Name:** Enter the host name of the DDNS server.

**User Name:** Enter your username or e-mail address used to connect to the DDNS.

**Password:** Enter your password used to connect to the DDNS server.

**Timeout:** You can setup how often the camera notifies the DDNS server of its current global IP address by entering a whole number in hours.

Click **Next** to continue.

Enter a name for your camera. Click **Next** to continue.

Select the time zone that the camera is in so that scheduled events occur at the correct time.

Click **Next** to continue.

**STEP 2: SETUP DDNS SETTINGS**

If you have a Dynamic DNS account and would like your camera to update the IP address automatically, enable DDNS and enter your host information below. Click on the **Next** button to continue.

DDNS Enable

Server Address  <<  ▼

Host Name

User Name

Password

Timeout  hours

**STEP 3: SERVER NAME SETTINGS**

D-Link recommends that you rename your camera for easy accessibility. Please assign a name of your choice before clicking on the **Next** button.

Camera Name  10 characters maximum

**STEP 4: SETUP TIME ZONE**

Please select the camera's timezone and then click on the **Next** button.

Current Time 2014/01/01 00:08:28

Time Zone  ▼

## Section 3 - Configuration

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A summary of the options you selected is displayed for confirmation. If you are happy with the selected configuration, click **Apply**. Otherwise, click **Back** to make the required changes.

**STEP 5: SETUP COMPLETE**

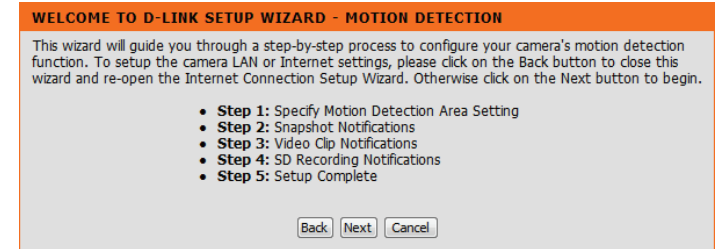
Here is a summary of your camera settings. Click **Back** to modify the settings, or click **Apply** if all settings are correct. It is recommended you write down this information for future access or reference.

IP Address	DHCP Connection
IP Camera Name	
Time Zone	(GMT-12:00) International Date Line West
DDNS	Disable

## Motion Detection Setup Wizard

This wizard will guide you through a step-by-step process to configure the motion detection feature of your new D-Link Camera.

Click **Next** to continue.



Enabling the Video Motion option will allow your camera to use the motion detection feature. You may draw areas for your camera to monitor for motion.

**Enable Video Motion:** Select this box to enable the motion detection feature of your camera.

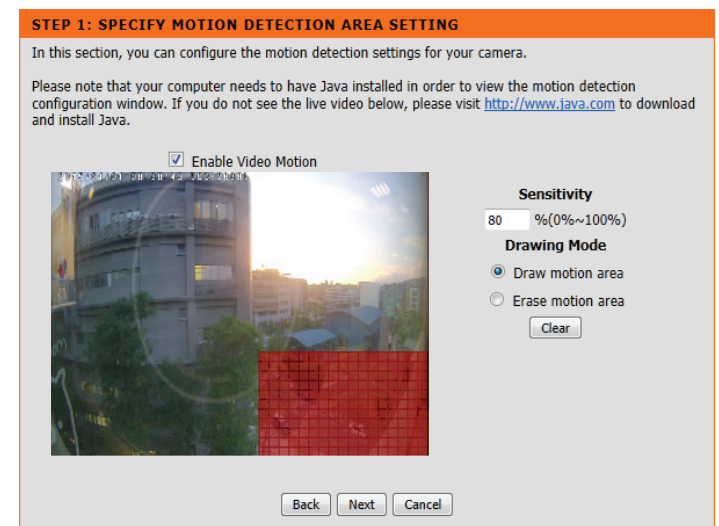
**Sensitivity:** Specifies how sensitive motion detection will be from 0% to 100%. A low sensitivity setting means that there must be large changes between two images in order to detect motion, and a high sensitivity setting means that even small changes will cause motion to be detected.

Low sensitivities may be useful when monitoring an area that has flickering lights or a window to the outside in view. High sensitivities may be useful when monitoring an area that rarely changes, such as a storeroom or warehouse.

**Drawing Mode:** Select **Draw Motion Area** to select the area of the picture to monitor for movement to trigger recording or a snapshot. Use your mouse to click and drag on the area that you would like to monitor for motion. Select **Erase Motion Area** to clear a selected region and stop the camera from monitoring that area of the picture.

**Clear:** Clears all motion detection areas from the picture.

Click **Next** to continue.





## Section 3 - Configuration

Snapshot Notifications is a feature to send image snapshots via FTP or e-mail when a trigger is activated.

**Snapshot:** Check this box to enable the Snapshot function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule**, or to **Always** record. Checking the **Only During** box will allow you to set a schedule for when the snapshot feature will be enabled.

**Source:** Select which Video Profile to use when taking snapshots.

**Snapshot Type:** Select whether to take a single snapshot or to take 6 snapshots with a selectable interval between them.

**Target:** Select where you want the snapshot to be sent. It may be uploaded to an FTP server or sent to an e-mail address.

Click **Next** to continue.

**STEP 2: SNAPSHOT NOTIFICATIONS**

In order to enable your camera to take snapshots, you must select the checkbox of 'Snapshot'. Then, you can determine the trigger event(s) and FTP and/or E-mail notification(s).

Snapshot

Trigger by

Only During

Source  (Configurable in [Audio and Video](#))

Snapshot Type

Single snapshot

6 snapshots with  second interval (3 frames before and 3 frames after motion frame)

Target

FTP

E-mail

Video Clip Notifications allow you to send video clips via FTP or e-mail when a trigger is activated.

**Video Clip:** Check this box to enable the Video Clip function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule** or **Always** record. Checking the **Only During** box will allow you to set a schedule for when the Video Clip feature will be enabled.

**Source:** Select which Video Profile to use when taking Video Clips.

**Video Clip:** Here you can specify how much video to record before the event and how much video to record in total for the clip.

**Target:** Select where you want the video clip to be sent. It may be uploaded to an FTP server or sent to an e-mail address.

Click **Next** to continue.

**STEP 3: VIDEO CLIP NOTIFICATIONS**

Video Clip is a feature to send video clips via FTP or E-Mail when a trigger is activated.

Video Clip

Trigger by

Only During

Source  (Configurable in [Audio and Video](#))

Video Clip

Pre-event recording :  Seconds

Maximum duration :  Seconds

Target

FTP

E-mail

## Section 3 - Configuration

This page allows you to configure the camera to record snapshots or video to an inserted microSD card.

**SD Recording:** Check this box to enable the SD Recording function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule** or **Always** record. Checking the **Only During** box will allow you to set a schedule for when the Video Clip feature will be enabled.

**Source:** Select which Video Profile to use when taking Video Clips.

**Recording Type:** Here you can specify whether to record snapshots or video. You can also specify how much video to record before the event and how much video to record in total for the clip.

**SD Card:** Specify how much space to keep free on the microSD card. If **Cyclic** is checked, older files will be deleted to make room for new ones. If it is unchecked, the camera will stop recording files when the microSD card is full.

Click **Next** to continue.

A summary of the options you selected is displayed for confirmation. If you are happy with the selected configuration, click **Apply**. Otherwise, click **Back** to make the required changes.

**STEP 4: SD RECORDING NOTIFICATIONS**

Here you may configure and schedule the recording of your camera. You must select the checkbox of 'SD Recording' to turn on the feature.

SD Recording

Trigger by

Source  (Configurable in [Audio and Video](#))

Recording Type Pre-event recording:  Seconds

Snapshot

Video

Recording Length:  minutes per file

SD Card Keep Free Space  MB (Minimum is 200)

Cyclic

**STEP 5: SETUP COMPLETE**

You have completed your camera setup. Please click the Back button if you want to review or modify your settings or click on the Apply button to save and apply your settings.

- Motion Detection: Enable
- Snapshot Notifications: Enable
- Video Clip Notifications: Enable
- SD Recording Notifications: Enable

Alerts and Notification: Snapshot Video Clip SD Recording

# Network

This section allows you to configure your network settings.

**DHCP Connection:** Select this connection if you have a DHCP server running on your network and would like a dynamic IP address to be updated to your camera automatically.

**Static IP Address:** You may obtain a static or fixed IP address and other network information from your network administrator for your camera.

**IP Address:** Enter the IP address that the camera will use on your network. You may need to get this information from your ISP or network administrator.

**Subnet Mask:** Enter the subnet mask that your camera will use on the network. The default value is "255.255.255.0." This is used to determine if the destination is part of the same subnet.

**Default Gateway:** Enter the gateway your camera will use on the network. The gateway is used to forward frames to destinations in a different subnet. Invalid gateway settings may cause transmissions to a different subnet to fail.

**Primary DNS:** Enter the primary domain name server that translates names to IP addresses.

**Secondary DNS:** Enter the secondary domain name server used to backup the Primary DNS.

**PPPoE Settings:** If you are using a PPPoE connection, enable it and enter the User ID(username) and Password for your PPPoE account. You can get this information from your Internet service provider (ISP).

**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

**Wizard**

- Network Setup
- Wireless Setup
- Dynamic DNS
- Image Setup
- Audio and Video
- Preset
- Motion Detection
- Sound Detection
- Mail
- FTP
- Snapshot
- Video Clip
- SD Recording
- SD Management
- Time and Date
- Day/Night Mode
- Logout

**NETWORK SETUP**

You can configure your LAN and Internet settings here.

Save Settings Don't Save Settings

**LAN SETTINGS**

DHCP Connection

Static IP Address

IP Address: 192.168.0.20

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.0.1

Primary DNS: [ ]

Secondary DNS: [ ]

PPPoE

User ID: [ ]

Password: [ ]

**PORT SETTINGS**

HTTP Port: 80

RTSP Port: 554

**HTTPS SETTINGS**

HTTPS Enable:

HTTPS Port: 443

**UPnP SETTINGS**

UPnP Enable:

UPnP Port Forward:

External HTTP Port: 80

External HTTPS Port: 443

External RTSP Port: 554

**BONJOUR SETTINGS**

Bonjour Enable:

Bonjour Name: [ ] 32 characters maximum

(Characters you may use in a Bonjour Name: "upper or lower case letters", "numbers" and "hyphens".)

Save Settings Don't Save Settings

**Helpful Hints...**

Select "DHCP Connection" if you are running a DHCP server on your network and would like an IP address assigned to your camera automatically. You may choose to manually enter a Static IP Address and all the relevant network information or select PPPoE if you connect your DCS-960L directly to the Internet that uses a PPPoE service. If you choose PPPoE you must enter the user ID and password that was given by your Internet Service Provider.

DNS (Domain Name System) server is an Internet service that translates domain names (i.e. www.dlink.com) into IP addresses (i.e. 192.168.0.20). The IP addresses can be obtained from your ISP.

Primary DNS: Primary domain name server that translates names to IP addresses.

Secondary DNS: Secondary domain name server to backup the primary one.

Port Settings - Most ISPs do not open port 80 (a DCS-960L default video transfer port) for their residential customers, the DCS-960L has the ability to use a different port by enabling the second http port for its video streaming. Any unused ports can be used such as port 800, 801, etc. Remember that if the DCS-960L is behind a router, you will need to forward that port to the DCS-960L's IP Address. When accessing the camera, you would need to type the camera's IP Address followed by the colon character and the port number (for example http://192.168.0.20:800).

UPnP Settings will allow you to configure your camera as an UPnP device in the network.

Bonjour provides a simple way of discovering various services on your camera.

**SURVEILLANCE**

**Port Settings:** You may configure which ports to use for HTTP and RTSP access to the camera.

**HTTPS Settings:** You may enable and configure which ports to use for HTTPS access to the camera.

**UPnP Enable:** Enable this setting to configure your camera as an UPnP device in the network.

**UPnP Port Forward:** Enable this to allow your camera to use UPnP to configure port forwarding on your router. Set the HTTP, HTTPS, and RTSP ports you wish to use for UPnP port forwarding.

**Bonjour:** Checking the **Bonjour** box will allow the camera to be discoverable on the network and visible to Apple devices. Enter the name you want to use to identify your camera on the network.

Click **Save Settings** to save your changes.

**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

**Wizard**

Network Setup  
Wireless Setup  
Dynamic DNS  
Image Setup  
Audio and Video  
Preset  
Motion Detection  
Sound Detection  
Mail  
FTP  
Snapshot  
Video Clip  
SD Recording  
SD Management  
Time and Date  
Day/Night Mode  
Logout

**Helpful Hints...**

Select "DHCP Connection" if you are running a DHCP server on your network and would like an IP address assigned to your camera automatically. You may choose to manually enter a **Static IP Address** and all the relevant network information or select **PPPoE** if you connect your DCS-960L directly to the Internet that uses a PPPoE service. If you choose PPPoE you must enter the user ID and password that was given by your Internet Service Provider.

**DNS (Domain Name System) server** is an Internet service that translates domain names (i.e. www.dlink.com) into IP addresses (i.e. 192.168.0.20). The IP addresses can be obtained from your ISP.

**Primary DNS:** Primary domain name server that translates names to IP addresses.

**Secondary DNS:** Secondary domain name server to backup the primary one.

**Port Settings** - Most ISPs do not open port 80 (a DCS-960L default video transfer port) for their residential customers, the DCS-960L has the ability to use a different port by enabling the second http port for its video streaming. Any unused ports can be used such as port 800, 801, etc. Remember that if the DCS-960L is behind a router, you will need to forward that port to the DCS-960L's IP Address. When accessing the camera, you would need to type the camera's IP Address followed by the colon character and the port number (for example http://192.168.0.20:800).

UPnP Settings will allow you to configure your camera as an UPnP device in the network.

Bonjour provides a simple way of discovering various services on your camera.

**NETWORK SETUP**

You can configure your LAN and Internet settings here.

Save Settings Don't Save Settings

**LAN SETTINGS**

DHCP Connection  
 Static IP Address

IP Address 192.168.0.20  
Subnet Mask 255.255.255.0  
Default Gateway 192.168.0.1  
Primary DNS  
Secondary DNS

PPPoE

User ID  
Password

**PORT SETTINGS**

HTTP Port 80  
RTSP Port 554

**HTTPS SETTINGS**

HTTPS Enable   
HTTPS Port 443

**UPnP SETTINGS**

UPnP Enable   
UPnP Port Forward   
External HTTP Port 80  
External HTTPS Port 443  
External RTSP Port 554

**BONJOUR SETTINGS**

Bonjour Enable   
Bonjour Name  32 characters maximum  
(Characters you may use in a Bonjour Name: "upper or lower case letters", "numbers" and "hyphens".)

Save Settings Don't Save Settings

**SURVEILLANCE**

# Wireless Setup

This section allows you to set up and configure the wireless settings on your camera.

**SSID:** Enter the network name (SSID) of the wireless network you want to connect to. You can also click the **Site Survey** button below to choose an available network and fill in settings automatically.

**Connection Mode:** This camera can connect to other devices through **Infrastructure** mode.

**Security Mode:** For security, you can choose **None** or **WPA-PSK / WPA2-PSK**. Select the same encryption method that is being used by your wireless device/ router.

**Cipher Type:** If you chose **WPA-PSK / WPA2-PSK**, **TKIP / AES** will be used for the cipher type.

**Key:** Enter the key (password) for your wireless network.

Click the **Save Settings** button to save your changes.

The screenshot shows the D-Link DCS-960L web interface. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' menu is expanded to show 'Wizard', 'Network Setup', 'Wireless Setup', 'Dynamic DNS', 'Image Setup', 'Audio and Video', 'Preset', 'Motion Detection', 'Sound Detection', 'Mail', 'FTP', 'Snapshot', 'Video Clip', 'SD Recording', 'SD Management', 'Time and Date', 'Day/Night Mode', and 'Logout'. The 'Wireless Setup' page is active, displaying the 'WIRELESS SETTINGS' section. The SSID is 'My Network', Connection Mode is 'Infrastructure', Security Mode is 'WPA-PSK / WPA2-PSK', Cipher Type is 'TKIP / AES', and the Key is masked with dots. A 'Site Survey' button is visible. The 'Helpful Hints...' sidebar on the right provides instructions on enabling wireless settings and selecting a channel number to avoid interference.

# Dynamic DNS

DDNS allows you to access your camera using a domain name instead of an IP address. To do this, you will need to have an account with one of the DDNS services listed in the drop-down box on this page.

**DDNS Enable:** Check this box to enable the DDNS function.

**Server Address:** Select your Dynamic DNS Server from the drop-down menu.

**Host Name:** Enter the host name of the DDNS server.

**User Name:** Enter your username or e-mail address used to connect to the DDNS server.

**Password:** Enter your password used to connect to the DDNS server.

**Timeout:** You can set up how often the camera notifies the DDNS server of its current global IP address by entering a whole number in hours.

**Status:** This shows the status of your DDNS updates.

Click the **Save Settings** button to save your changes.

The screenshot shows the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar contains a menu with options like 'Wizard', 'Network Setup', 'Wireless Setup', 'Dynamic DNS', 'Image Setup', 'Audio and Video', 'Preset', 'Motion Detection', 'Sound Detection', 'Mail', 'FTP', 'Snapshot', 'Video Clip', 'SD Recording', 'SD Management', 'Time and Date', 'Day/Night Mode', and 'Logout'. The main content area is titled 'DYNAMIC DNS' and contains the following text: 'The Dynamic DNS feature allows you to host a server (Web, FTP, Camera, etc...) using a domain name that you have purchased (www.whateveryournameis.com) from your broadband Internet Service Provider (ISP). Using a DDNS service, your friends can enter your host name to connect to your IP Camera regardless of your IP address.' Below this text are 'Save Settings' and 'Don't Save Settings' buttons. The 'DYNAMIC DNS SETTINGS' section includes:
 

- DDNS Enable:** A checked checkbox.
- Server Address:** A dropdown menu with 'www.dlinkddns.com' selected.
- Host Name:** An empty text input field.
- User Name:** An empty text input field.
- Password:** An empty text input field.
- Timeout:** A text input field containing '576' followed by 'hours'.
- Status:** A dropdown menu with 'Disabled' selected.

 At the bottom of the settings section are 'Save Settings' and 'Don't Save Settings' buttons. A 'Helpful Hints...' sidebar on the right explains that Dynamic DNS is useful for users with DSL or Cable service providers that change their modem IP address periodically, allowing them to assign a website domain name to their camera instead of connecting through an IP address. The bottom of the page features a 'SURVEILLANCE' banner.

# Image Setup

This section allows you to configure the image settings for your camera.

**Brightness:** Adjust this setting to compensate for backlit subjects.

**Contrast:** Adjust this setting to alter the color intensity/strength.

**Sharpness:** Specify how much sharpening to apply to the image.

**Mirror:** Horizontally flip the video.

**Anti Flicker:** Select the frequency used by your power lines to avoid interference or distortion.

**Saturation:** This setting controls the amount of coloration, from grayscale to fully saturated.

**Hue:** Allows you to adjust the hue of the video.

**B/W:** Changes the images recorded on the camera to be in black and white.

**Flip:** Check this box to vertically flip the video. If the camera is installed upside down, Flip and Mirror should both be checked.

Click the **Save Settings** button to save your changes.

The screenshot shows the D-Link DCS-960L web interface. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' menu is expanded, showing options like Wizard, Network Setup, Wireless Setup, Dynamic DNS, Image Setup (selected), Audio and Video, Preset, Motion Detection, Sound Detection, Mail, FTP, Snapshot, Video Clip, SD Recording, SD Management, Time and Date, Day/Night Mode, and Logout.

The main content area is titled 'IMAGE SETUP' and contains a 'LIVE VIDEO' window showing a camera feed of a living room with a dog on a sofa. Below the live video is the 'IMAGE SETTINGS' section with the following controls:

Brightness	50	Saturation	55
Contrast	70	Hue	0
Sharpness	70	B/W	<input type="checkbox"/>
Mirror	<input type="checkbox"/>	Flip	<input type="checkbox"/>
Anti flicker	Off		

A 'Reset to Default' button is located below the settings. The right sidebar contains 'Helpful Hints...' for various settings: Brightness, Contrast, Hue, Saturation, Sharpness, B/W, Mirror, Flip, and Anti flicker.

# Audio and Video

This section allows you to configure the audio and video settings for your camera.

**Mode:** Your camera has separate settings for the H.264 and MJPEG video streams. Video Profile 1 uses the H.264 codec, and Video Profile 2 uses the MJPEG codec.

**Frame Size:** Select the desired video resolution from 1280x720, 800x600, 720x480, 640x480, 640x360, and 320x240. Higher settings offer better quality, but will require more bandwidth to stream.

**Maximum Frame Rate:** Select the frame rate (FPS) to use for the video stream. Higher settings offer better quality, but will require more bandwidth to stream.

**Video Quality:** Select the bitrate (H.264 only) or quality for the video stream. Higher bitrates and quality will require more bandwidth.

**RTSP URL:** This is the RTSP URL used to connect to the camera's video stream from a client application.

**Microphone Enable:** Check this box to enable the camera's microphone.

**Volume:** Use this drop-down box to adjust the volume of the camera's audio.

Click **Save Settings** to save your changes.

**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

**AUDIO AND VIDEO**  
In this section, you can configure the camera video quality, resolution, and frame rate.  
Save Settings Don't Save Settings

**VIDEO PROFILE 1**  
Mode: H.264  
Frame size: 1280x720  
Maximum frame rate: 30  
Video quality: Constant bit rate (selected) 1 Mbps, Fixed quality High  
RTSP URL: play1.sdp

**VIDEO PROFILE 2**  
Mode: MJPEG  
Frame size: 1280x720  
Maximum frame rate: 5  
Video quality: Fixed quality Medium  
RTSP URL: play2.sdp

**AUDIO SETUP**  
Microphone Enable:   
Volume: 90  
Save Settings Don't Save Settings

**Helpful Hints...**  
**Frame size**  
The options depend on display system used.  
**Bit Rate**  
(bits per second) - Select a fixed bandwidth for your camera operation. Higher value means a higher quality image but consumes more network bandwidth.  
**Frame Rate**  
(frames per second) - The higher the frame rate, the smoother the video will appear. Note that a higher frame rate setting also uses more bandwidth.  
**Fixed quality**  
- Default value is Medium.  
**Microphone**  
Enable this feature to hear audio from the camera's microphone.

**SURVEILLANCE**



# Preset

This screen allows you to set preset points for the ePTZ function of the camera, which allows you to look around the camera's viewable area by using a zoomed view. Presets allow you to quickly go to and view a specific part of the area your camera is covering, and you can create preset sequences, which will automatically change the camera's view between the different presets according to a defined order and timing you can set.

**ePTZ Enable:** Check this box to enable ePTZ for your camera.

**ePTZ Speed:** You may select a value between 1 and 10. 0 is the slowest and 10 is the fastest.

**Arrow Buttons and Home Button:** Use these buttons to move to a specific part of the viewing area, which you can then set as a preset. Click the Home button to return to the center of the viewing area.

**Input Preset Name:** Enter the name of the preset you want to create, then click the **Add** button to make a new preset. If an existing preset has been selected from the Preset List, you can change its name by typing in a new name, then clicking the **Rename** button.

**Preset Position:** Click the drop-down box to see a list of all the presets that have been created. You can select one, then click the **GoTo** button to change the displayed camera view to the preset. Clicking the **Remove** button will delete the currently selected preset.

**Preset Sequence:** This section allows you to create a preset sequence, which automatically moves the camera's view between a set of preset views.

The screenshot displays the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' menu is expanded, showing options like Wizard, Network Setup, Wireless Setup, Dynamic DNS, Image Setup, Audio and Video, Preset, Motion Detection, Sound Detection, Mail, FTP, Snapshot, Video Clip, SD Recording, SD Management, Time and Date, Day/Night Mode, and Logout.

The main content area is titled 'PRESET CONTROL' and contains the following sections:

- PRESET CONTROL:** A text box explaining that the Pan and Tilt controls are used to move the camera view to the required position for creating and saving Preset positions and Preset Sequences.
- PRESET POSITION:** A live video feed of the camera's current view. To the right of the video, there are controls for 'ePTZ Enable' (checked), 'ePTZ Speed' (set to 8), and a set of directional arrow buttons (Up, Down, Left, Right, Home).
- PRESET:** A section for managing individual presets. It includes an 'Input Preset Name' field with 'Add' and 'Rename' buttons, a 'Preset List' dropdown menu, and 'GoTo' and 'Remove' buttons.
- PRESET SEQUENCE:** A section for creating sequences. It includes a 'Preset Name' field (set to 'Dwell time'), a large empty box for the sequence, and 'Add' and 'Update' buttons. Below the box, there are 'Preset List' and 'Dwell time' (set to 3 seconds) fields.

On the right side of the interface, there is a 'Helpful Hints...' section with the following text:

- Input Preset Name:** Using the Pan, Tilt and Zoom (PTZ) controls, move the camera view to the required position and simply by selecting the preset's name.
- Add:** This camera position is then saved as a preset position in the camera.
- GoTo:** for test the preset the preset position.
- Preset Sequence:** A preset sequence is an automated series of camera movements from one preset position to another. A guard tour can be set up to display the video streams from different preset positions in a pre-determined order, and for configurable time periods.
- Add:** set up a new preset sequence, Modify to change, and Remove to remove an existing preset sequence.

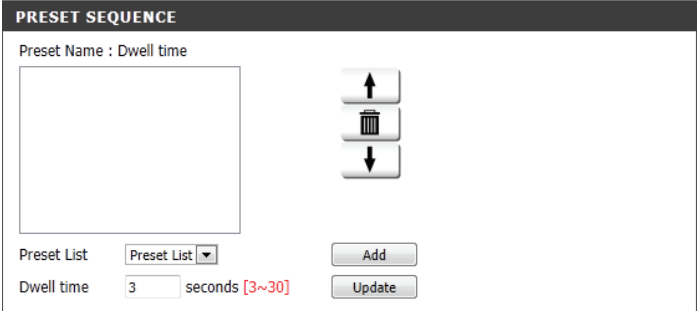
The bottom of the page features a 'SURVEILLANCE' logo.

**Preset List:** To add a preset to the sequence, select it from the drop-down box at the bottom of this window, set the Dwell time to determine how long the camera view will stay at that preset, then click the **Add** button. The preset name will appear in the list, followed by the dwell time to view that preset for.

You can rearrange your presets in the sequence by selecting a preset in the sequence, then clicking the arrow buttons to move it higher or lower in the current sequence.

Clicking the trash can button will remove the currently selected preset from the sequence.

**Dwell Time:** If you want to change the dwell time for a preset, select it from the list, enter a new dwell time, then click the **Update** button.



The screenshot shows a window titled "PRESET SEQUENCE". At the top, it says "Preset Name : Dwell time". Below this is a large empty rectangular box. To the right of the box are three vertically stacked buttons: an up arrow, a trash can, and a down arrow. Below the box, there are two rows of controls. The first row has "Preset List" followed by a dropdown menu showing "Preset List" and an "Add" button. The second row has "Dwell time" followed by a text input field containing "3", the word "seconds", and a red range indicator "[3~30]", and an "Update" button.

# Motion Detection

Motion detection enables the camera to monitor the video feed for movement. If this option is selected, the trigger by option under **Video Clip**, or **Snapshot** should also be selected.

**Enable Video Motion:** Select this box to enable the motion detection feature of your camera.

**Sensitivity:** Specifies how sensitive motion detection will be from 0% to 100%. A low sensitivity setting means that there must be large changes between two images in order to detect motion, and a high sensitivity setting means that even small changes will cause motion to be detected.

Low sensitivities may be useful when monitoring an area that has flickering lights or a window to the outside in view. High sensitivities may be useful when monitoring an area that rarely changes, such as a storeroom or warehouse.

**Drawing Mode:** Select **Draw Motion Area** to select the area of the picture to monitor for movement to trigger recording or a snapshot. Use your mouse to click and drag on the area that you would like to monitor for motion. Select **Erase Motion Area** to clear a selected region and stop the camera from monitoring that area of the picture.

**Clear:** Clears all motion detection areas from the picture.

Click **Save Settings** to save your changes.

The screenshot displays the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar lists various configuration options, with 'Motion Detection' selected. The main content area is titled 'MOTION DETECTION' and provides instructions on how to configure motion detection. Below this, the 'LIVE VIDEO' section shows a video feed with a red motion detection area overlaid. The 'Enable Video Motion' checkbox is checked, and the 'Sensitivity' is set to 80%. The 'Drawing Mode' is set to 'Draw motion area'. The 'Clear' button is visible below the video feed. The 'Helpful Hints...' sidebar on the right provides additional information about sensitivity and drawing mode.

# Sound Detection

Motion detection enables the camera to monitor the environment for loud sounds. You may set the volume threshold used to determine whether sound was detected or not. If this option is selected, the trigger by option under **Video Clip**, or **Snapshot** should also be selected.

**Enable Sound Detection:** Select this box to enable the sound detection feature of your camera.

**Detection Level:** Specify the volume level that a sound must exceed in order to trigger the sound detection feature.

Click **Save Settings** to save your changes.

The screenshot displays the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar lists various configuration options, with 'Sound Detection' highlighted. The main content area is titled 'SOUND DETECTION' and contains the following elements:

- A note: "In this section, you can configure the sound detection settings for your camera. Please note that your computer needs to have Java installed in order to view the sound dB/Time window. If you do not see the sound dB/Time window below, please visit <http://www.java.com> to download and install Java." Below this note are 'Save Settings' and 'Don't Save Settings' buttons.
- A section titled 'SOUND DETECTION SETTINGS' with the following controls:
  - 'Sound Detection' is set to 'Enable' (radio button selected).
  - 'Detection Level' is set to '90 dB' (dropdown menu).
  - A bar chart showing sound levels over time. The y-axis ranges from -40 to 100 dB. The chart shows several peaks, with the highest reaching approximately 70 dB.
- 'Save Settings' and 'Don't Save Settings' buttons at the bottom of the settings section.

# Mail

This section allows you to configure your camera to send snapshots and video clips to an e-mail address. You can set the camera to send snapshots and video clips to different e-mail addresses. If you are not sure what settings to use, check with your e-mail service provider.

**SMTP Server Address:** This is the domain name or IP address of your external e-mail server.

**SMTP Server Port:** This is the port used by your external e-mail server.

**Sender e-mail Address:** This is the e-mail address listed as the sender for your notification e-mails.

**Receiver e-mail Address:** This is the e-mail address that your notification e-mails will be sent to.

**User Name:** If the SMTP server uses authentication, enter your user name.

**Password:** If the SMTP server uses authentication, enter your password.

**Interval:** Enter the amount of time to wait before the camera can send another e-mail.

**Use SSL-TLS/STARTTLS** If your SMTP server requires SSL-TLS or STARTTLS, select it here.

For example, if you want to use Gmail with SSL-TLS for e-mail notifications, you can follow the setup procedure as below:

- Step 1** - Enter "smtp.gmail.com" in SMTP Server Address.
- Step 2** - Change the SMTP server port number from 25 to 465.
- Step 3** - Enter your gmail e-mail address in Sender E-mail Address.
- Step 4** - Enter the destination e-mail address in Receiver E-mail Address.
- Step 5** - Enter the user name required to access the SMTP server.
- Step 6** - Enter the password required to access the SMTP server.
- Step 7** - Select SSL-TLS and then click Save Settings.
- Step 8** - Click the Test button to send a test e-mail will be sent.

**Note:** You can also use **STARTTLS**, which will use SMTP server port number **587**. If you want to use a Yahoo SMTP server, the SMTP server address will be different for each registered region, and only SMTP port **465** is supported for **SSL-TLS**.

# FTP

This section allows you to configure your camera to send snapshots and video clips to an FTP server. You can set the camera to send snapshots and video clips to different FTP servers.

**Host Name:** Enter the IP address of the FTP server that you will be connecting to.

**Port:** Enter the port of the FTP server that you will be connecting to.

**User Name:** Enter the user name of your FTP server account.

**Password:** Enter the password of your FTP server account.

**Path:** Enter the destination path/folder to save files to on the FTP server.

**Interval:** Enter the amount of time to wait before the camera can send another e-mail.

**Passive Mode:** Enabling passive mode may help you reach your FTP server if your camera is behind a router protected by a firewall.

**Test FTP Server:** Clicking on the **Test** button will send a test JPEG snapshot to the FTP server specified above to make sure that your settings are correct.

**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
Network Setup  
Wireless Setup  
Dynamic DNS  
Image Setup  
Audio and Video  
Preset  
Motion Detection  
Sound Detection  
Mail  
FTP  
Snapshot  
Video Clip  
SD Recording  
SD Management  
Time and Date  
Day/Night Mode  
Logout

**FTP**

In this section, you can configure the camera to send images to an FTP server.

Save Settings Don't Save Settings

**FTP SERVER - SNAPSHOT**

Host Name

Port  (Default is 21)

User Name

Password

Path

Interval  Seconds (Range : 10 to 86400 seconds)

Passive Mode  Yes  No

**TEST FTP SERVER - SNAPSHOT**

A JPEG file will be sent to the above FTP server for testing. (File name: test\_date\_time.jpg) Test

**FTP SERVER - VIDEO CLIP**

Host Name

Port  (Default is 21)

User Name

Password

Path

Interval  Seconds (Range : 30 to 86400 seconds)

Passive Mode  Yes  No

**TEST FTP SERVER - VIDEO CLIP**

A JPEG file will be sent to the above FTP server for testing. (File name: test\_date\_time.jpg) Test

Save Settings Don't Save Settings

**Helpful Hints...**

**Host Name:**  
This is the IP address of the FTP server that you will be connecting to.

**Port:**  
The default port is 21.

**User Name:**  
The user name required for accessing the external FTP server.

**Password:**  
The password of the external FTP server.

**Passive mode -** Enabling passive mode will allow access to an external FTP server if your camera is behind a router protected by a firewall.

**Test FTP server**  
An image file will be sent to the FTP server after you click Test.

**SURVEILLANCE**

# Snapshot

The snapshot feature lets you send image snapshots via FTP or e-mail when a trigger is activated.

**Snapshot:** Check this box to enable the Snapshot function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule**, or to **Always** record. Checking the **Only During** box will allow you to set a schedule for when the snapshot feature will be enabled.

**Source:** Select which Video Profile to use when taking snapshots.

**Snapshot Type:** Select whether to take a single snapshot or to take 6 snapshots with a selectable interval between them.

**Target:** Select where you want the snapshot to be sent. It may be uploaded to an FTP server or sent to an e-mail address.

Click **Save Settings** to save your changes.

**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

**SNAPSHOT**

In order to enable your camera to take snapshots, you must select the checkbox of 'Snapshot'. Then, you can determine the trigger event(s) and FTP and/or E-mail notification(s).

Save Settings  Don't Save Settings

**SNAPSHOT**

Snapshot

Trigger by

Only During

Day:  Sun  Mon  Tue  Wed  Thu  Fri  Sat

Time: Start  :  End  :

Source  (Configurable in [Audio and Video](#))

Snapshot Type

Single snapshot

6 snapshots with  second interval (3 frames before and 3 frames after motion frame)

Target

FTP

E-mail

Save Settings  Don't Save Settings

**Helpful Hints...**

Snapshot is the ability to store or send pictures to a remote E-mail or FTP server based on motion detection, external sensor input triggered.

**Trigger by**

**Motion**  
Begin snapshot after a motion is detected.

**Schedule**  
Snapshot in a specified time.

**Always**  
Continuous Snapshot.

**Sound**  
Begin snapshot after sound is detected.

**Snapshot Type**

Single snapshot or 6 snapshots here.

**6 snapshots**  
Select to take continuous 6 pictures for each snapshot.

**Target**  
You can select the target as FTP or E-mail for the snapshot.

**SURVEILLANCE**

# Video Clip

Video Clip allows you to send video clips via FTP or e-mail when a trigger is activated.

**Video Clip:** Check this box to enable the Video Clip function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule** or **Always** record. Checking the **Only During** box will allow you to set a schedule for when the Video Clip feature will be enabled.

**Source:** Select which Video Profile to use when taking Video Clips.

**Video Clip:** Here you can specify how much video to record before the event and how much video to record in total for the clip.

**Target:** Select where you want the video clip to be sent. It may be uploaded to an FTP server or sent to an e-mail address.

Click **Save Settings** to save your changes.

The screenshot shows the D-Link DCS-960L Web UI configuration page for Video Clip. The page is titled "VIDEO CLIP" and contains the following settings:

- Video Clip:**  (checked)
- Trigger by:** Motion (dropdown menu)
- Only During:**  (unchecked)
- Source:** Profile 1 (dropdown menu, with a note "(Configurable in Audio and Video)")
- Pre-event recording:** 5 (dropdown menu) Seconds
- Maximum duration:** 10 (dropdown menu) Seconds
- Target:**  FTP,  E-mail

Buttons for "Save Settings" and "Don't Save Settings" are located at the bottom of the configuration area.

The sidebar on the right contains the following information:

- Helpful hints..** Video Clip is the ability to store or send video clips to a remote E-mail or FTP server based on motion detection, external sensor input triggered.
- Trigger by Motion:** Begin video clipping after a motion is detected.
- Schedule:** Video clipping in a specified time.
- Always:** Continuous video clipping.
- Sound:** Begin video clipping after sound is detected.
- Video Clip:** You can set Pre-event recording and Maximum duration here.
- Pre-event recording:** Specify how much seconds of video will be recorded, before the video clip is taken.
- Maximum duration:** Specify how much seconds of video clip.
- Target:** You can select the target as FTP or E-mail for the video clip.



# SD Recording

This page allows you to configure the camera to record snapshots or video to an inserted microSD card.

**SD Recording:** Check this box to enable the SD Recording function.

**Trigger By:** Select whether to record when triggered by **Motion** or **Sound**, according to a **Schedule** or **Always** record. Checking the **Only During** box will allow you to set a schedule for when the Video Clip feature will be enabled.

**Source:** Select which Video Profile to use when taking Video Clips.

**Recording Type:** Here you can specify whether to record snapshots or video. You can also specify how much video to record before the event and how much video to record in total for the clip.

**SD Card:** Specify how much space to keep free on the microSD card. If **Cyclic** is checked, older files will be deleted to make room for new ones. If it is unchecked, the camera will stop recording files when the microSD card is full.

Click **Save Settings** to save your changes.

The screenshot shows the D-Link web interface for the DCS-960L camera. The main navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' menu is expanded, showing options like Wizard, Network Setup, Wireless Setup, Dynamic DNS, Image Setup, Audio and Video, Preset, Motion Detection, Sound Detection, Mail, FTP, Snapshot, Video Clip, SD Recording (selected), SD Management, Time and Date, Day/Night Mode, and Logout.

The 'SD RECORDING' configuration page is displayed. It features a 'SD RECORDING' header with a 'Save Settings' and 'Don't Save Settings' button. Below this, there is a section for 'SD RECORDING' with the following settings:

- SD Recording:**  (checked)
- Trigger by:** Always (dropdown menu)
- Source:** Profile 1 (dropdown menu, with a note 'Configurable in Audio and Video')
- Recording Type:** Pre-event recording: 5 (dropdown menu) Seconds
- Recording Type:**
  - Snapshot
  - Video
- Recording Length:** 1 (dropdown menu) minutes per file
- SD Card:** Keep Free Space: 200 (input field) MB (Minimum is 200)
- Cyclic:**  (unchecked)

At the bottom of the configuration section, there are 'Save Settings' and 'Don't Save Settings' buttons. On the right side of the page, there is a 'Helpful Hints...' section with the following text:

**SD Recording is the ability to record video or snapshot (per second) to local SD Card based on motion detection or in a specified time.**

**Trigger by**  
**Motion:** Begin SD recording after a motion is detected.  
**Schedule:** SD recording in a specified time.  
**Always:** Continuous SD recording.  
**Sound:** Begin SD recording after sound is detected.

**Recording Type**  
 You can set video profile, set pre-event recording, and post-event recording here when Trigger by is Motion. You can also select recording as Snapshot or Video.

**Recording Length**  
 Set the time length of each recording video.

**SD Card**  
 You can set how much free space to keep in SD card and if recording cyclically or not.

**Keep Free Space**  
 Set the capacity of your local SD Card to prevent the system from becoming unstable.

**Cyclic**  
 When this option is selected, it will cause the oldest folder to be deleted when the system requires storage space for new files.

The bottom of the page features a 'SURVEILLANCE' logo.

# SD Management

Here you may browse and manage the recorded files which are stored on the microSD card. You can playback video and view snapshots by clicking on the appropriate folder, then clicking on the file you want to view.

**Files Per Page:** Use the drop-down box to specify how many files to show per page. To change pages, use the drop-down box on the right.

**Refresh:** Click this to refresh the file and folder information from the microSD card.

**Deleting Files and Folders:** To delete files and folders, click on the checkbox next to the files or folders you want to delete, then click the **Delete** button.

**Format SD Card:** Click this icon to automatically format the microSD card.

The screenshot shows the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SD MANAGEMENT' page is active, displaying the following information:

- SD CARD:** DCS-960L /
- SD Status:** Ready
- Files per Page:** 5 (with a refresh button)
- Pages:** 1 of 1
- Buttons:** Delete, Format SD Card
- Storage Summary:** Total :4009408 KB, Used :128 KB, Free :4009280 KB

The sidebar on the left lists various configuration options, with 'SD Management' selected. The right sidebar contains 'Helpful Hints...' with instructions on how to use the SD card management features.

# Time and Date

This section allows you to configure the settings of the internal system clock for your camera.

**Time Zone:** Select the time zone for your region from the drop-down menu.

**Daylight Saving:** If your region uses Daylight Saving time, you can enable it here. Select **Set DST Manually** if you want to manually set the offset and the period of time that the Daylight Saving correction should be used.

**Synchronize NTP Network Time Protocol** will synchronize your camera with an Internet time **Server:** server. Choose the one that is closest to your camera.

**Set the Date and Time Manually:** If **Synchronize NTP Server** is disabled, you can set the date and time manually. You can also click the **Copy Your Computer's Time Settings** button to automatically copy the date and time of the PC you are using.

Click **Save Settings** to save your changes.

The screenshot shows the D-Link camera's web interface. The top navigation bar includes 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'SETUP' menu is expanded to show various configuration options like Wizard, Network Setup, Wireless Setup, Dynamic DNS, Image Setup, Audio and Video, Preset, Motion Detection, Sound Detection, Mail, FTP, Snapshot, Video Clip, SD Recording, SD Management, Time and Date, Day/Night Mode, and Logout. The 'Time and Date' section is selected.

The main content area is titled 'TIME AND DATE' and contains the following sections:

- TIME AND DATE:** A brief description of the configuration options and buttons for 'Save Settings' and 'Don't Save Settings'.
- TIME CONFIGURATION:**
  - Current Time: 2015/10/19 18:23:31
  - Time Zone: (GMT-12:00) International Date Line West
  - Daylight Saving:
  - Auto Daylight Saving:
  - Set DST Manually:
  - Offset: +1:00
  - Start: Month (Jan), Week (1st), Day of Week (Sunday), Hour (00), Minute (00)
  - End: Month (Jan), Week (1st), Day of Week (Sunday), Hour (00), Minute (00)
- AUTOMATIC TIME CONFIGURATION:**
  - Synchronize with NTP Server:
  - NTP Server: ntp1.dlink.com < Select NTP Server
- SET THE DATE AND TIME MANUALLY:**
  - Set Date and Time Manually:
  - Buttons for 'Save Settings' and 'Don't Save Settings'.

Helpful Hints on the right side include:

- Time Zone:** The geographical zone for the local time setting.
- Automatic Time Configuration:** With this option selected, the camera will synchronize its date and time settings with an NTP server over the Internet upon camera start up. If the timeserver cannot be reached, no time settings will be applied.
- NTP server:** The IP address or domain name of the Time Server.
- Daylight Saving:** Enable daylight saving that will adjust the time depending on the daylight saving time offset and date.
- You may also Set the Date and Time Manually or Copy your Computer's Time Settings.**

The footer of the page is labeled 'SURVEILLANCE'.

This close-up shows the 'SET THE DATE AND TIME MANUALLY' section. The 'Set Date and Time Manually' checkbox is checked. The date and time are set as follows:

- Year: 2015
- Month: 10
- Day: 19
- Hour: 18
- Minute: 23
- Second: 12

A button labeled 'Copy Your Computer's Time Settings' is visible at the bottom of the section.

# Day/Night Mode

This section allows you to configure when Day and Night modes are used. Day mode uses the infrared cut filter to provide a corrected color image for times where there is available lighting. Night mode moves the filter out of the way to use all available light, and turns on the IR LED illuminators to allow for clear black and white video in dark areas with little to no light.

**Auto:** This mode will automatically switch between Day and Night mode based on the amount of available lighting.

**Manual:** This mode allows you to manually switch between modes through the **Live Video** page.

**Always Day Mode:** This sets the camera to always use Day mode.

**Always Night Mode:** This sets the camera to always use Night mode.

**Day Mode Schedule:** This sets the camera to use Day mode during the times you specify, and will switch to Night mode outside the times you specify.

The screenshot shows the D-Link web interface for the DCS-960L camera. The main content area is titled 'DAY/NIGHT MODE' and contains the following text:

In this section, you can configure the Day/Night mode switching method. Day/Night mode ensures good video illumination in both day and night environments.

In Day mode, IR illumination is off, IR light is blocked and the video is in color. In Night mode, IR illumination is on, IR light is visible and the video is in black and white.

Below this text are two buttons: 'Save Settings' and 'Don't Save Settings'.

The 'DAY/NIGHT MODE SETTINGS' section includes:

- Day/Night Mode:
  - Auto
  - Manual
  - Always Day Mode
  - Always Night Mode
  - Day Mode Schedule
- Time range: 00 : 00 ~ 00 : 00 (Example : 08:00 ~ 18:30)
- Buttons: 'Save Settings' and 'Don't Save Settings'

The 'Helpful Hints...' sidebar on the right contains the following information:

**Auto** - Camera automatically switches between Day and Night mode. The camera normally works in Day mode. It automatically changes to Night mode in darker lighting.

**Manual** - User can manually control the camera to work in Day or Night mode on the live video view page.

**Always Day Mode** - The camera always works in the Day mode.

**Always Night Mode** - The camera always works in the Night mode.

**Day Mode Schedule** - The camera works in Day mode based on the day and times configured in the schedule. The camera changes to Night mode during all other times.

# Maintenance Admin

This section allows you to change the administrator's password and configure the server settings for your camera. You can also manage the user account(s) that are allowed to access to your camera.

**Admin Password:** To change the admin password used to log into the web interface, enter the old password, then enter the new password and retype it in the next text box, then click **Apply**.

**Camera Name:** Specify a name for your camera.

**LED Control:** Select **Normal** to enable the LED on the back of the device, or select **Off** to disable the LED. Turning this off may be useful if you do not want the camera to be noticeable.

**Snapshot URL Authentication:** Select **Enable** to allow access to the current camera snapshot via the web address indicated.

**OSD Time:** Select **Enable** to allow the current time to be added to the camera video.

**Add User** You can create new users to provide viewing access for your camera's video.

**Account:** User accounts will only be able to access the **Live Video** section of the web configuration interface, but cannot access any other parts or change any settings.

To create a new user, enter a user name, password, and retype the password, then click **Add**. A maximum of 8 user accounts can be created.

**User List:** Displays the account names of authorized users. You can modify or delete an account by clicking on its modify or delete icon.

The screenshot displays the D-Link web interface for the DCS-960L camera. The 'MAINTENANCE' tab is selected, showing the 'ADMIN' configuration page. The page is divided into several sections:

- ADMIN:** A header section with a warning: "Here you can change the administrator's password and configure the server setting for your camera. You can also add, modify and/or delete the user account(s)." A 'Helpful Hints...' sidebar on the right provides security advice.
- ADMIN PASSWORD SETTING:** Contains three text input fields: 'Old Password', 'New Password', and 'Retype Password'. Each field has a red text label indicating a '31 characters maximum' limit. 'Apply' and 'Cancel' buttons are at the bottom.
- SERVER SETTING:** Includes a 'Camera Name' field (26 characters maximum), 'LED Control' (radio buttons for Normal and Off), 'Snapshot URL Authentication' (radio buttons for Enable and Disable, with a URL example), and 'OSD Time' (radio buttons for Enable and Disable). 'Apply' and 'Cancel' buttons are at the bottom.
- ADD USER ACCOUNT:** Contains three text input fields: 'User Name', 'Password', and 'Retype Password'. Each field has a red text label indicating a '31 characters maximum' limit. A red note below states '10 users maximum'. 'Add' and 'Cancel' buttons are at the bottom.
- USER LIST:** A table with columns for 'no.', 'name', 'modify', and 'delete'. One user account is listed.

# System

This section allows you to save and restore your configuration, restore the factory settings, and/or restart the camera.

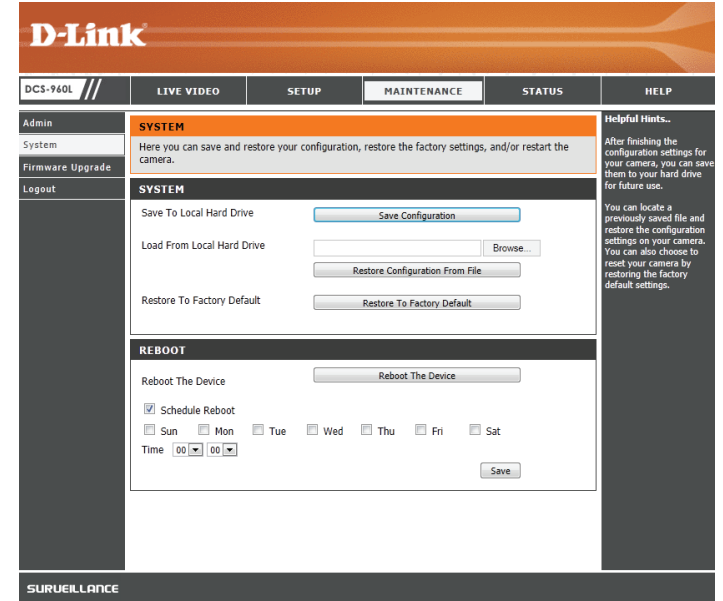
**Save To Local Hard Drive:** Click the **Save Configuration** button to save the current camera configuration to your local PC.

**Load From Local Hard Drive:** To load a previously saved configuration, click the **Browse...** button, select your saved configuration file, then click the **Restore Configuration From File** button.

**Restore To Factory Default:** Click the **Restore Factory Defaults** button to reset all settings back to the factory defaults. Please note that this will erase any changes you have made to the settings of the camera.

**Reboot The Device:** Click the **Reboot the Device** button to reboot the camera.

**Schedule Reboot:** You can schedule the camera to reboot according to a schedule. Select the days and time you want the camera to automatically reboot.



# Firmware Upgrade

Your current firmware version and date will be displayed on your screen. You may go to the D-Link Support Page to check for the latest firmware versions available.

To upgrade your firmware, please download and save the latest firmware version from the D-Link Support Page to your local hard drive. Locate the file on your local hard drive by using the **Browse...** button, then click the **Upload** button to start the firmware upgrade.

The screenshot displays the D-Link web interface for the DCS-960L camera. The top navigation bar includes 'DCS-960L', 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'MAINTENANCE' tab is active. On the left, a sidebar menu shows 'Admin', 'System', 'Firmware Upgrade', and 'Logout'. The main content area is titled 'FIRMWARE UPGRADE' and contains the following text:

A new firmware upgrade may be available for your camera. It is recommended that you keep your camera firmware up to date to maintain and improve its functionality and performance. Click here [D-Link Support Page](#) to check for the latest available firmware version.

To upgrade the firmware on your IP camera, please download and save the latest firmware version from the D-Link Support Page to your local hard drive. Locate the file on your local hard drive by clicking the **Browse** button. Once you have found and opened the file using the **Browse** button, click the **Upload** button to start the firmware upgrade.

**FIRMWARE INFORMATION**  
Current Firmware Version : v1.01.04

**FIRMWARE UPGRADE**  
File Path :

On the right side, there is a 'Helpful Hints...' section with the following text:

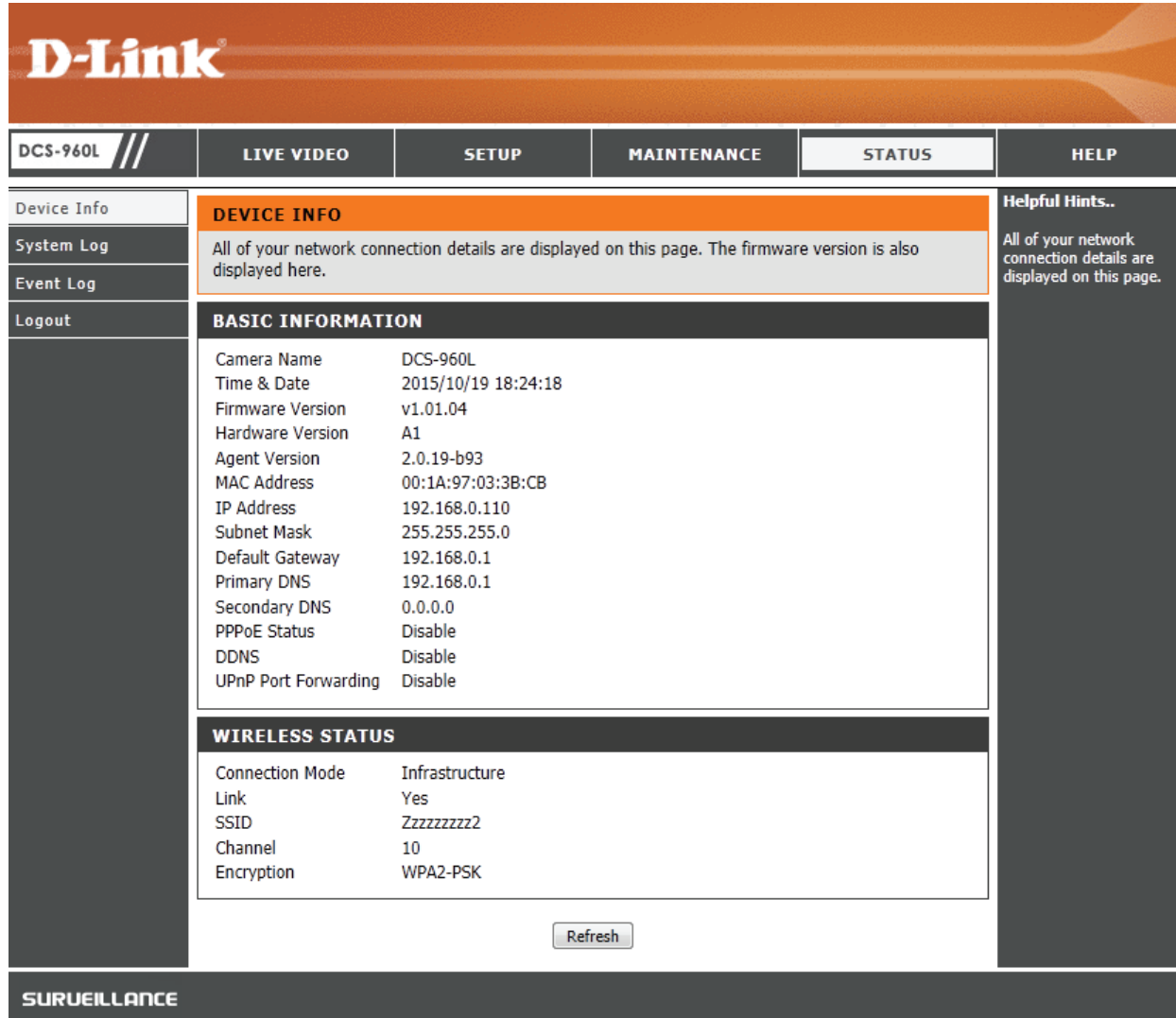
Firmware updates are released periodically to improve the functionality of your IP camera and also to add new features. If you run into a problem with a specific feature of the IP camera, check our support site by clicking [here](#) and see if updated firmware is available for your IP camera.

The bottom of the page features a 'SURVEILLANCE' banner.

# Status

## Device Info

This section displays information about your camera and its current network and wireless status.



**D-Link**

DCS-960L // LIVE VIDEO SETUP MAINTENANCE **STATUS** HELP

Device Info **DEVICE INFO** Helpful Hints..  
 System Log All of your network connection details are displayed on this page. The firmware version is also displayed here. All of your network connection details are displayed on this page.  
 Event Log  
 Logout

**BASIC INFORMATION**

Camera Name	DCS-960L
Time & Date	2015/10/19 18:24:18
Firmware Version	v1.01.04
Hardware Version	A1
Agent Version	2.0.19-b93
MAC Address	00:1A:97:03:3B:CB
IP Address	192.168.0.110
Subnet Mask	255.255.255.0
Default Gateway	192.168.0.1
Primary DNS	192.168.0.1
Secondary DNS	0.0.0.0
PPPoE Status	Disable
DDNS	Disable
UPnP Port Forwarding	Disable

**WIRELESS STATUS**

Connection Mode	Infrastructure
Link	Yes
SSID	Zzzzzzzz2
Channel	10
Encryption	WPA2-PSK

Refresh

**SURVEILLANCE**



# System Log

The system log records network events that have occurred.

DCS-960L		LIVE VIDEO	SETUP	MAINTENANCE	STATUS	HELP
Device Info	<b>SYSTEM LOG</b>					<b>Helpful Hints..</b> You can you can refresh the log by clicking on the Refresh button.
System Log	The system log records camera system events that have occurred.					
Event Log	<b>CURRENT LOG</b>					
Logout	Jun 30 12:00:09 PPPoE stop Jun 30 12:00:10 UPnP stop Jun 30 12:00:16 UPnP start Jun 30 12:00:18 PPPoE stop Jun 30 12:00:21 DDP start Jun 30 12:00:22 UPnP stop Jun 30 12:00:27 UPnP start Jun 30 12:00:47 PPPoE stop Jun 30 12:00:50 UPnP stop Jun 30 12:00:54 UPnP start Jun 30 12:01:01 Network link is recovered, try to run DHCP. Jun 30 12:01:02 IP address acquire success Jun 30 12:01:02 UPnP stop Oct 15 21:56:35 UPnP start Oct 19 12:12:25 Lost network link. Oct 19 12:12:41 PPPoE stop Oct 19 12:12:43 UPnP stop Oct 19 12:12:49 UPnP start Oct 19 12:13:14 PPPoE stop Oct 19 12:13:16 UPnP stop Oct 19 12:13:21 UPnP start Oct 19 12:13:28 Network link is recovered, try to run DHCP. Oct 19 12:13:31 IP address acquire success Oct 19 12:13:32 UPnP stop Oct 19 12:13:38 UPnP start					

# Event Log

The event log records camera events that have occurred.

The screenshot displays the D-Link web interface for the DCS-960L camera. At the top, the D-Link logo is visible. Below it is a navigation bar with tabs for 'DCS-960L //', 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS' (which is highlighted), and 'HELP'. On the left side, there is a sidebar menu with options: 'Device Info', 'System Log', 'Event Log' (highlighted), and 'Logout'. The main content area features an orange header for 'EVENT LOG' followed by the text 'The event log records camera events that have occurred.' Below this is a dark grey header for 'CURRENT LOG' and an empty table. A 'Refresh' button is centered below the table. On the right side, there is a 'Helpful Hints..' section with the text: 'You can you can refresh the log by clicking on the Refresh button.'

# Troubleshooting

## **1. Why is the camera view hazy or bright when using night vision mode?**

The IR night vision lights on your camera may be reflecting off of a nearby surface or window. Try repositioning your camera to avoid reflections or glare.

## **2. What can I do if I forget my camera password?**

If you forget your password, you will need to perform a hard reset of your camera. This process will change all your settings back to the factory defaults.

To reset your camera, please use an unfolded paperclip to press and hold the Reset button for at least 10 seconds while your camera is plugged in.

## **3. What can I do if my camera is not working correctly?**

First, reset the camera and try setting the camera up again.

To make sure your hardware is installed correctly, make sure that:

- the power LED is solid green
- your Internet connection is working
- your router's LAN & WAN connections are working
- your router supports UPNP
- your camera is on the same network as your mobile device
- both your mobile device and camera have a working Internet connection

If your camera is still not working, check your router and make sure it has the latest firmware.

# Technical Specifications

Camera		
Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/2.7" Megapixel progressive CMOS sensor</li> <li>• 5 meter IR illumination distance</li> <li>• Minimum illumination:               <ul style="list-style-type: none"> <li>• Color (Day Mode), IR LEDs off: 0.5 lux</li> <li>• B/W (Night Mode), IR LEDs off: 0.1 lux</li> <li>• B/W (Night Mode), IR LEDs on: 0 lux</li> </ul> </li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• 8X digital zoom</li> <li>• Fixed length 1.72 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Aperture F2.0</li> <li>• Angle of view               <ul style="list-style-type: none"> <li>• (H) 180°</li> <li>• (V) 120°</li> <li>• (D) 180°</li> </ul> </li> <li>• Image de-warping</li> <li>• Minimum object distance: 500 mm</li> <li>• Built-in Microphone</li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, frame rate, and bit rate</li> <li>• Configurable brightness, contrast, sharpness, saturation, and hue</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable motion detection windows</li> <li>• Time stamp and text overlays</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MJPEG format compression</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 1280 x 720, 800 x 600, 720 x 480, 640 x 480, 640 x 360, 320 x 240 at up to 30 fps</li> </ul>	
Audio Compression	<ul style="list-style-type: none"> <li>• G.711</li> </ul>	
External Interfaces	<ul style="list-style-type: none"> <li>• 802.11ac/n/g/a wireless with WEP/WPA/WPA2 encryption</li> <li>• Operates on 2.4 GHz and 5 GHz bands</li> </ul>	<ul style="list-style-type: none"> <li>• Maximum data rate of 433 Mbps (PHY rate) <sup>1</sup></li> <li>• microSD/SDHC/SDXC card slot <sup>2</sup></li> </ul>
Network		
Network Protocols	<ul style="list-style-type: none"> <li>• IPv4, ARP, TCP, UDP, ICMP</li> <li>• DHCP Client</li> <li>• NTP Client (D-Link)</li> <li>• DNS Client</li> <li>• DDNS Client (D-Link)</li> <li>• SMTP Client</li> <li>• FTP Client</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP Server</li> <li>• PPPoE</li> <li>• RTP, RTSP, RTCP</li> <li>• UPnP Port Forwarding</li> <li>• HTTPS for configuration</li> <li>• Bonjour</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP digest encryption</li> </ul>
System Integration		
System Requirements for Web Interfaces	<ul style="list-style-type: none"> <li>• Operating system: Microsoft Windows 10/8/7 or Mac OS X 10.7 or higher</li> </ul>	<ul style="list-style-type: none"> <li>• Browser: Internet Explorer 8, Firefox 12, or Safari 6 or higher</li> </ul>
Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Sound level detection</li> </ul>	<ul style="list-style-type: none"> <li>• Event notification and uploading of snapshots/video clips via SMTP or FTP</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>• Configuration accessible via web browser</li> </ul>	
Mobile support	<ul style="list-style-type: none"> <li>• mydlink Lite app for iPhone, iPad, iPod Touch, Android, and Windows</li> </ul>	<ul style="list-style-type: none"> <li>• mydlink+ app for iPad and Android</li> </ul>

## Appendix A - Technical Specifications

General	
Dimensions	• 137.5 x 95.8 x 95.8 mm (5.41 inches x 3.77 inches x 3.77 inches)
Weight	• 165.0 grams (5.8 ounces) ± 5%
Power	• 5 V DC, 2 A, 50/60 Hz
Power Consumption	• 4.8 watts maximum ± 5%
Temperature	• Operating: 0 to 40 °C (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 • ICES • CE LVD • C-Tick • FCC Class B
Dimensions Diagram	<p>The diagram illustrates the physical dimensions of the camera. The front view shows a square-shaped camera body with a circular lens in the center. The total height is 137.5 mm, and the mounting hole diameter is 105.6 mm. The lens diameter is 75.7 mm, and the top width is 66.5 mm. The base diameter is 95.8 mm. The side view shows the camera's profile, with a top width of 24.5 mm, a depth of 18.0 mm, and a base height of 46.7 mm.</p>

<sup>1</sup> Maximum wireless signal rate derived from IEEE standard 802.11ac 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.

<sup>2</sup> Camera is compatible with microSD/SDHC/SDXC cards up to v3.01. Camera is not compatible with v4.x cards.

# Regulatory Information

## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **Non-modifications Statement:**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## **Caution:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

## **Note**

The country code selection is for non-USA models only and is not available to all USA models. Per FCC regulations, all WiFi product marketed in the USA must be fixed to USA operational channels only.

### RF Frequency Requirements

This device is for indoor/outdoor use only when using all channels in the 5.150GHz-5.250GHz, 5.250GHz-5.350GHz, 5.470GHz-5.725GHz, 5.725GHz-5.850GHz GHz frequency range. High power radars are allocated as primary users of the 5.150GHz-5.250GHz, 5.250GHz-5.350GHz, 5.470GHz-5.725GHz, 5.725GHz-5.850GHz GHz bands. These radar stations can cause interference with and/or damage this device. This device will not operate on channels which overlap the 5600-5650 MHz band.

It is restricted to indoor environments only.

### IMPORTANT NOTICE:

#### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

#### Industry Canada Statement:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(iv) the worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.

(iv) les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, et énoncée à la section 6.2.2(3), doivent être clairement indiqués.

Operations in the 5.25-5.35GHz band are restricted to indoor usage only.

Les opérations dans la bande de 5.25-5.35GHz sont limités à un usage intérieur seulement.

### Antenna Information:

Type	Manufacture	Tilt Angle(s)	Gain	Connector
PCB	Fitivision	305	-2.13	N/A

### NCC 警語:

#### Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

#### Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

#### 以下警語適用台灣地區

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

#### 無線傳輸設備 (UNII)

在 5.25-5.35 赫茲頻帶內操作之無線資訊傳輸設備，限於室內使用。無線資訊傳輸設備忍受合法通信之干擾且不得干擾合法通信；如造成干擾，應立即停用，俟無干擾之虞，始得繼續使用。無線資訊傳輸設備的製造廠商應確保頻率穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

電磁波曝露量MPE標準值(MPE) 1 mW/cm<sup>2</sup>，本產品使用時建議應距離人體 0 cm



### European Union:

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. For more information, please refer to the Declaration of Conformity.

### Notice of Wireless Radio LAN Usage in The European Community:

- At the time of writing this addendum, some countries such as Italy, Greece, Portugal, and Spain have not allowed operation of radio devices in the 5 GHz bands, although operation of 2.4 GHz radio devices is allowed. Please check with your local authority to confirm.
- This device is restricted to indoor use when operated in the European Community using channels in the 5.15-5.35 GHz band to reduce the potential for interference.
- This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France where restrictive use applies. This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 –2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

This equipment may be operated in AL, AD, BE, BG, DK, DE, FI, FR, GR, GW, IS, IT, HR, LI, LU, MT, MK, MD, MC, NL, NO, AT, OL, PT, RO, SM, SE, RS, SK, ES, CI, HU, CY

### Usage Notes:

- To remain in conformance with European National spectrum usage regulations, frequency and channel limitations will be applied on the products according to the country where the equipment will be deployed.
- This device is restricted from functioning in Ad-hoc mode while operating in 5 GHz. Ad-hoc mode is direct peer-to-peer communication between two client devices without an Access Point.
- Access points will support DFS (Dynamic Frequency Selection) and TPC (Transmit Power Control) functionality as required when operating in 5 GHz within the EU.



**5 GHz Wireless Frequency and Channel Operation in EEC Countries:**

Allowable 802.11a Frequencies and Channels	Countries
5.15-5.25 GHz (Channels 36, 40, 44, 48)	Liechtenstein
5.15-5.25 GHz & 5.725-5.875 GHz (Channels 36, 40, 44, 48, 149, 153, 157, 161, 165, 169)	Austria
5.15-5.35 GHz (Channels 36, 40, 44, 48, 52, 56, 60, 64)	France
5.15-5.35 & 5.47-5.725 GHz (Channels 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140)	Denmark, Germany, Iceland, Finland, Netherlands, Norway, Poland, Sweden, Slovenia, Luxembourg, U.K., Ireland, Slovak, Switzerland, Hungary, Italy
5.15-5.35 GHz & 5.725-5.875 GHz (Channels 36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165, 169)	Czech Republic

**European Community Declaration of Conformity:**

Česky [Czech]	D-Link tímto prohlašuje, že tento DCS-960L je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Undertegnede D-Link erklærer herved, at følgende udstyr DCS-960L overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch [German]	Hiermit erkläre D-Link, dass sich das Gerät DCS-960L in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti [Estonian]	Käesolevaga kinnitab D-Link seadme DCS-960Lvastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	D-Link hereby, declares that this DCS-960L is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

## Appendix B - Regulatory Information

Español [Spanish]	Por medio de la presente D-Link declara que el DCS-960L cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ D-Link ΔΗΛΩΝΕΙ ΟΤΙ DCS-960L ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français [French]	Par la présente D-Link déclare que l'appareil DCS-960L est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano [Italian]	Con la presente D-Link dichiara che questo DCS-960L è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo D-Link deklarē, ka DCS-960L atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]	Šiuo D-Link deklaruoja, kad šis DCS-960L atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart D-Link dat het toestel DCS-960L in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti [Maltese]	Hawnhekk, D-Link, jiddikjara li dan DCS-960L jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn rilevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar [Hungarian]	Alulírott, D-Link nyilatkozom, hogy a DCS-960L megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym D-Link oświadcza, że <###> jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português [Portuguese]	D-Link declara que este <###> está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko [Slovenian]	D-Link izjavlja, da je ta <###> v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky [Slovak]	D-Link týmto vyhlasuje, že <###> spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi [Finnish]	D-Link vakuuttaa täten että <###> tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

### Warning Statement:

The power outlet should be near the device and easily accessible.

## Safety Instructions

Please adhere to the following safety guidelines to help ensure your own personal safety and protect your system from potential damage. Any acts taken that are inconsistent with ordinary use of the product, including improper testing, etc., and those not expressly approved by D-Link may result in the loss of product warranty.

Unless expressly approved by an authorized representative of D-Link in writing, you may not and may not permit others to:

- Disassemble or reverse engineer the device or attempt to derive source code (underlying ideas, algorithms, or structure) from the device or from any other information provided by D-Link, except to the extent that this restriction is expressly prohibited by local law.
- Modify or alter the device.
- Remove from the device any product identification or other notices, including copyright notices and patent markings, if any.

To reduce the risk of bodily injury, electrical shock, fire, and damage to the device and other equipment, observe the following precautions:

### Power Sources

- Observe and follow service markings.
- Do not push any objects into the openings of your device unless consistent with the authorized operation of the device. Doing so can cause a fire or an electrical shock by shorting out interior components.
- The powering of this device must adhere to the power specifications indicated for this product.
- Do not overload wall outlets and/or extension cords as this will increase the risk of fire or electrical shock.
- Do not rest anything on the power cord or on the device (unless the device is made and expressly approved as suitable for stacking).
- Position system cables and power cables carefully; route cables so that they cannot be stepped on or tripped over. Be sure that nothing rests on any cables.
- Operate the device only from the type of external power source indicated on the electrical ratings label.
- To help avoid damaging your device, be sure the voltage selection switch (if provided) on the power supply is set to match the power available at your location.
- Also be sure that attached devices are electrically rated to operate with the power available in your location.

- Use only approved power cable(s). If you have not been provided a power cable for your device or for any AC -powered option intended for your device, purchase a power cable that is approved for use in your country and is suitable for use with your device. The power cable must be rated for the device and for the voltage and current marked on the device's electrical ratings label. The voltage and current rating of the cable should be greater than the ratings marked on the device.
- To help prevent an electrical shock, plug the device and peripheral power cables into properly grounded electrical outlets. These cables are equipped with three-prong plugs to help ensure proper grounding. Do not use adapter plugs or remove the grounding prong from a cable. If you must use an extension cable, use a 3-wire cable with properly grounded plugs.
- Observe extension cable and power strip ratings. Ensure that the total ampere rating of all products plugged into the extension cable or power strip does not exceed 80 percent of the ampere ratings limit for the extension cable or power strip.
- To help protect your device from sudden, transient increases and decreases in electrical power, use a surge suppressor, line conditioner, or uninterruptible power supply (UPS).
- Do not modify power cables or plugs. Consult a licensed electrician or your power company for site modifications. Always follow your local/national wiring rules.
- When connecting or disconnecting power to hot-pluggable power supplies, if offered with your device, observe the following guidelines.
- Install the power supply before connecting the power cable to the power supply.
- Unplug the power cable before removing the power supply.
- If the system has multiple sources of power, disconnect power from the device by unplugging all power cables from the power supplies.

### **Servicing/Disassembling**

- Do not service any product except as expressly set forth in your system documentation.
- Opening or removing covers that are marked with the triangular symbol with a lightning bolt may expose you to an electrical shock. Only a trained service technician should service components inside these compartments.
- To reduce the risk of electrical shock, never disassemble this device. None of its internal parts are user-replaceable; therefore, there is no reason to access the interior.
- Do not spill food or liquids on your system components, and never operate the device in a wet environment. If the device gets wet, see the appropriate section in your troubleshooting guide or contact your trained service provider.
- Use the device only with approved equipment.

- Move products with care; ensure that all casters and/or stabilizers are firmly connected to the system. Avoid sudden stops and uneven surfaces.

### Environment

- Do not use this device near water (e.g. near a bathtub, sink, laundry tub, fish tank, in a wet basement or near a swimming pool).
- Do not use this device in areas with high humidity.
- This device must not be subjected to water or condensation.
- Keep your device away from radiators and heat sources. Also, do not block cooling vents.

### Cleaning

- Always unplug the power before cleaning this device.
- Do not use liquid or aerosol cleaners of any kind. Use only compressed air that is recommended for electronic devices.
- Use a dry cloth for cleaning.

### Protecting Against Electrostatic Discharge

Static electricity can harm delicate components inside your system. To prevent static damage, discharge static electricity from your body before you touch any of the electronic components, such as the microprocessor. You can do so by periodically touching an unpainted metal surface on the chassis.

You can also take the following steps to help prevent damage from electrostatic discharge (ESD):

1. When unpacking a static-sensitive component from its shipping carton, do not remove the component from the antistatic packing material until you are ready to install the component in your system. Just before unwrapping the antistatic packaging, be sure to discharge static electricity from your body.
2. When transporting a sensitive component, first place it in an antistatic container or packaging.
3. Handle all sensitive components in a static-safe area. If possible, use antistatic floor pads, workbench pads, and an antistatic grounding strap.

### Environmental

This product may contain a battery. Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations. For more information, please refer to the warranty guide.

## Disposing of and Recycling Your Product



EN

### ENGLISH



This symbol on the product or packaging means that according to local laws and regulations this product should not be disposed of in household waste but sent for recycling. Please take it to a collection point designated by your local authorities once it has reached the end of its life, some will accept products for free. By recycling the product and its packaging in this manner you help to conserve the environment and protect human health.

### D-Link and the Environment

At D-Link, we understand and are committed to reducing any impact our operations and products may have on the environment. To minimise this impact D-Link designs and builds its products to be as environmentally friendly as possible, by using recyclable, low toxic materials in both products and packaging.

D-Link recommends that you always switch off or unplug your D-Link products when they are not in use. By doing so you will help to save energy and reduce CO2 emissions.

To learn more about our environmentally responsible products and packaging please visit [www.dlinkgreen.com](http://www.dlinkgreen.com).

### DEUTSCH

DE



Dieses Symbol auf dem Produkt oder der Verpackung weist darauf hin, dass dieses Produkt gemäß bestehender örtlicher Gesetze und Vorschriften nicht über den normalen Hausmüll entsorgt werden sollte, sondern einer Wiederverwertung zuzuführen ist. Bringen Sie es bitte zu einer von Ihrer Kommunalbehörde entsprechend amtlich ausgewiesenen Sammelstelle, sobald das Produkt das Ende seiner Nutzungsdauer erreicht hat. Für die Annahme solcher Produkte erheben einige dieser Stellen keine Gebühren. Durch ein auf diese Weise durchgeführtes Recycling des Produkts und seiner Verpackung helfen Sie, die Umwelt zu schonen und die menschliche Gesundheit zu schützen.

### D-Link und die Umwelt

D-Link ist sich den möglichen Auswirkungen seiner Geschäftstätigkeiten und seiner Produkte auf die Umwelt bewusst und fühlt sich verpflichtet, diese entsprechend zu mindern. Zu diesem Zweck entwickelt und stellt D-Link seine Produkte mit dem Ziel größtmöglicher Umweltfreundlichkeit her und verwendet wiederverwertbare, schadstoffarme Materialien bei Produktherstellung und Verpackung.

D-Link empfiehlt, Ihre Produkte von D-Link, wenn nicht in Gebrauch, immer auszuschalten oder vom Netz zu nehmen. Auf diese Weise helfen Sie, Energie zu sparen und CO2-Emissionen zu reduzieren.

Wenn Sie mehr über unsere umweltgerechten Produkte und Verpackungen wissen möchten, finden Sie entsprechende Informationen im Internet unter [www.dlinkgreen.com](http://www.dlinkgreen.com).

## FRANÇAIS

FR



Ce symbole apposé sur le produit ou son emballage signifie que, conformément aux lois et réglementations locales, ce produit ne doit pas être éliminé avec les déchets domestiques mais recyclé. Veuillez le rapporter à un point de collecte prévu à cet effet par les autorités locales; certains accepteront vos produits gratuitement. En recyclant le produit et son emballage de cette manière, vous aidez à préserver l'environnement et à protéger la santé de l'homme.

### D-Link et l'environnement

Chez D-Link, nous sommes conscients de l'impact de nos opérations et produits sur l'environnement et nous engageons à le réduire. Pour limiter cet impact, D-Link conçoit et fabrique ses produits de manière aussi écologique que possible, en utilisant des matériaux recyclables et faiblement toxiques, tant dans ses produits que ses emballages.

D-Link recommande de toujours éteindre ou débrancher vos produits D-Link lorsque vous ne les utilisez pas. Vous réaliserez ainsi des économies d'énergie et réduirez vos émissions de CO<sub>2</sub>.

Pour en savoir plus sur les produits et emballages respectueux de l'environnement, veuillez consulter le [www.dlinkgreen.com](http://www.dlinkgreen.com).

## ESPAÑOL

ES



Este símbolo en el producto o el embalaje significa que, de acuerdo con la legislación y la normativa local, este producto no se debe desechar en la basura doméstica sino que se debe reciclar. Llévelo a un punto de recogida designado por las autoridades locales una vez que ha llegado al fin de su vida útil; algunos de ellos aceptan recogerlos de forma gratuita. Al reciclar el producto y su embalaje de esta forma, contribuye a preservar el medio ambiente y a proteger la salud de los seres humanos.

### D-Link y el medio ambiente

En D-Link, comprendemos y estamos comprometidos con la reducción del impacto que puedan tener nuestras actividades y nuestros productos en el medio ambiente. Para reducir este impacto, D-Link diseña y fabrica sus productos para que sean lo más ecológicos posible, utilizando materiales reciclables y de baja toxicidad tanto en los productos como en el embalaje.

D-Link recomienda apagar o desenchufar los productos D-Link cuando no se estén utilizando. Al hacerlo, contribuirá a ahorrar energía y a reducir las emisiones de CO<sub>2</sub>.

Para obtener más información acerca de nuestros productos y embalajes ecológicos, visite el sitio [www.dlinkgreen.com](http://www.dlinkgreen.com).



## ITALIANO

IT



La presenza di questo simbolo sul prodotto o sulla confezione del prodotto indica che, in conformità alle leggi e alle normative locali, questo prodotto non deve essere smaltito nei rifiuti domestici, ma avviato al riciclo. Una volta terminato il ciclo di vita utile, portare il prodotto presso un punto di raccolta indicato dalle autorità locali. Alcuni questi punti di raccolta accettano gratuitamente i prodotti da riciclare. Scegliendo di riciclare il prodotto e il relativo imballaggio, si contribuirà a preservare l'ambiente e a salvaguardare la salute umana.

### D-Link e l'ambiente

D-Link cerca da sempre di ridurre l'impatto ambientale dei propri stabilimenti e dei propri prodotti. Allo scopo di ridurre al minimo tale impatto, D-Link progetta e realizza i propri prodotti in modo che rispettino il più possibile l'ambiente, utilizzando materiali riciclabili a basso tasso di tossicità sia per i prodotti che per gli imballaggi.

D-Link raccomanda di spegnere sempre i prodotti D-Link o di scollegarne la spina quando non vengono utilizzati. In questo modo si contribuirà a risparmiare energia e a ridurre le emissioni di anidride carbonica.

Per ulteriori informazioni sui prodotti e sugli imballaggi D-Link a ridotto impatto ambientale, visitate il sito all'indirizzo [www.dlinkgreen.com](http://www.dlinkgreen.com).

## NEDERLANDS

NL



Dit symbool op het product of de verpakking betekent dat dit product volgens de plaatselijke wetgeving niet mag worden weggegooid met het huishoudelijk afval, maar voor recyclage moeten worden ingeleverd. Zodra het product het einde van de levensduur heeft bereikt, dient u het naar een inzamelpunt te brengen dat hiertoe werd aangeduid door uw plaatselijke autoriteiten, sommige autoriteiten accepteren producten zonder dat u hiervoor dient te betalen. Door het product en de verpakking op deze manier te recyclen helpt u het milieu en de gezondheid van de mens te beschermen.

### D-Link en het milieu

Bij D-Link spannen we ons in om de impact van onze handelingen en producten op het milieu te beperken. Om deze impact te beperken, ontwerpt en bouwt D-Link zijn producten zo milieuvriendelijk mogelijk, door het gebruik van recycleerbare producten met lage toxiciteit in product en verpakking.

D-Link raadt aan om steeds uw D-Link producten uit te schakelen of uit de stekker te halen wanneer u ze niet gebruikt. Door dit te doen bespaart u energie en beperkt u de CO<sub>2</sub>-emissies.

Breng een bezoek aan [www.dlinkgreen.com](http://www.dlinkgreen.com) voor meer informatie over onze milieuverantwoorde producten en verpakkingen.

## POLSKI

PL



Ten symbol umieszczony na produkcie lub opakowaniu oznacza, że zgodnie z miejscowym prawem i lokalnymi przepisami niniejszego produktu nie wolno wyrzucać jak odpady czy śmieci z gospodarstwa domowego, lecz należy go poddać procesowi recyklingu. Po zakończeniu użytkowania produktu, niektóre odpowiednie do tego celu podmioty przyjmą takie produkty nieodpłatnie, dlatego prosimy dostarczyć go do punktu zbiórki wskazanego przez lokalne władze. Poprzez proces recyklingu i dzięki takiemu postępowaniu z produktem oraz jego opakowaniem, pomogą Państwo chronić środowisko naturalne i dbać o ludzkie zdrowie.

### D-Link i środowisko

D-Link podchodzimy w sposób świadomy do ochrony otoczenia oraz jesteśmy zaangażowani w zmniejszanie wpływu naszych działań i produktów na środowisko naturalne. W celu zminimalizowania takiego wpływu firma D-Link konstruuje i wytwarza swoje produkty w taki sposób, aby były one jak najbardziej przyjazne środowisku, stosując do tych celów materiały nadające się do powtórnego wykorzystania, charakteryzujące się małą toksycznością zarówno w przypadku samych produktów jak i opakowań.

Firma D-Link zaleca, aby Państwo zawsze prawidłowo wyłączali z użytku swoje produkty D-Link, gdy nie są one wykorzystywane. Postępując w ten sposób pozwalają Państwo oszczędzać energię i zmniejszać emisje CO<sub>2</sub>.

Aby dowiedzieć się więcej na temat produktów i opakowań mających wpływ na środowisko prosimy zapoznać się ze stroną Internetową [www.dlinkgreen.com](http://www.dlinkgreen.com).

## ČESKY

CZ



Tento symbol na výrobku nebo jeho obalu znamená, že podle místně platných předpisů se výrobek nesmí vyhazovat do komunálního odpadu, ale odeslat k recyklaci. Až výrobek doslouží, odнесите jej prosím na sběrné místo určené místními úřady k tomuto účelu. Někteřá sběrná místa přijímají výrobky zdarma. Recyklací výrobku i obalu pomáháte chránit životní prostředí i lidské zdraví.

### D-Link a životní prostředí

Ve společnosti D-Link jsme si vědomi vlivu našich provozů a výrobků na životní prostředí a snažíme se o minimalizaci těchto vlivů. Proto své výrobky navrhujeme a vyrábíme tak, aby byly co nejekologičtější, a ve výrobcích i obalech používáme recyklovatelné a nízkotoxické materiály.

Společnost D-Link doporučuje, abyste své výrobky značky D-Link vypnuli nebo vytáhli ze zásuvky vždy, když je nepoužíváte. Pomůžete tak šetřit energii a snížit emise CO<sub>2</sub>.

Více informací o našich ekologických výrobcích a obalech najdete na adrese [www.dlinkgreen.com](http://www.dlinkgreen.com).

## MAGYAR

HU



Ez a szimbólum a terméken vagy a csomagoláson azt jelenti, hogy a helyi törvényeknek és szabályoknak megfelelően ez a termék nem semmisíthető meg a háztartási hulladékkal együtt, hanem újrahasznosításra kell küldeni. Kérjük, hogy a termék élettartamának elteltét követően vigye azt a helyi hatóság által kijelölt gyűjtőhelyre. A termékek egyes helyeken ingyen elhelyezhetők. A termék és a csomagolás újrahasznosításával segíti védeni a környezetet és az emberek egészségét.

### A D-Link és a környezet

A D-Linknél megértjük és elköteleztük magunkat a műveleteink és termékeink környezetre gyakorolt hatásainak csökkentésére. Az ezen hatás csökkentése érdekében a D-Link a lehető leginkább környezetbarát termékeket tervez és gyárt azáltal, hogy újrahasznosítható, alacsony károsanyag-tartalmú termékeket gyárt és csomagolásokat alkalmaz.

A D-Link azt javasolja, hogy mindig kapcsolja ki vagy húzza ki a D-Link termékeket a tápforrásból, ha nem használja azokat. Ezzel segít az energia megtakarításában és a széndioxid kibocsátásának csökkentésében.

Környezetbarát termékeinkről és csomagolásainkról további információkat a [www.dlinkgreen.com](http://www.dlinkgreen.com) weboldalon tudhat meg.

## NORSK

NO



Dette symbolet på produktet eller forpakningen betyr at dette produktet ifølge lokale lover og forskrifter ikke skal kastes sammen med husholdningsavfall, men leveres inn til gjenvinning. Vennligst ta det til et innsamlingssted anvist av lokale myndigheter når det er kommet til slutten av levetiden. Noen steder aksepteres produkter uten avgift. Ved på denne måten å gjenvinne produktet og forpakningen hjelper du å verne miljøet og beskytte folks helse.

### D-Link og miljøet

Hos D-Link forstår vi oss på og er forpliktet til å minske innvirkningen som vår drift og våre produkter kan ha på miljøet. For å minimalisere denne innvirkningen designer og lager D-Link produkter som er så miljøvennlig som mulig, ved å bruke resirkulerbare, lav-toksiske materialer både i produktene og forpakningen.

D-Link anbefaler at du alltid slår av eller frakobler D-Link-produkter når de ikke er i bruk. Ved å gjøre dette hjelper du å spare energi og å redusere CO<sub>2</sub>-utslipp.

For mer informasjon angående våre miljøansvarlige produkter og forpakninger kan du gå til [www.dlinkgreen.com](http://www.dlinkgreen.com).

## DANSK

DK



Dette symbol på produktet eller emballagen betyder, at dette produkt i henhold til lokale love og regler ikke må bortskaffes som husholdningsaffald, mens skal sendes til genbrug. Indlever produktet til et indsamlingssted som angivet af de lokale myndigheder, når det er nået til slutningen af dets levetid. I nogle tilfælde vil produktet blive modtaget gratis. Ved at indlevere produktet og dets emballage til genbrug på denne måde bidrager du til at beskytte miljøet og den menneskelige sundhed.

### D-Link og miljøet

Hos D-Link forstår vi og bestræber os på at reducere enhver indvirkning, som vores aktiviteter og produkter kan have på miljøet. For at minimere denne indvirkning designer og producerer D-Link sine produkter, så de er så miljøvenlige som muligt, ved at bruge genanvendelige materialer med lavt giftighedsniveau i både produkter og emballage.

D-Link anbefaler, at du altid slukker eller frakobler dine D-Link-produkter, når de ikke er i brug. Ved at gøre det bidrager du til at spare energi og reducere CO<sub>2</sub>-udledningerne.

Du kan finde flere oplysninger om vores miljømæssigt ansvarlige produkter og emballage på [www.dlinkgreen.com](http://www.dlinkgreen.com).

## SUOMI

FI



Tämä symboli tuotteen pakkauksessa tarkoittaa, että paikallisten lakien ja säännösten mukaisesti tätä tuotetta ei pidä hävittää yleisen kotitalousjätteen seassa vaan se tulee toimittaa kierrätettäväksi. Kun tuote on elinkaarensa päässä, toimita se lähimpään viranomaisten hyväksymään kierrätyspisteeseen. Kierrättämällä käytetyn tuotteen ja sen pakkauksen autat tukemaan sekä ympäristön että ihmisten terveyttä ja hyvinvointia.

### D-Link ja ympäristö

D-Link ymmärtää ympäristönsuojelun tärkeyden ja on sitoutunut vähentämään tuotteistaan ja niiden valmistuksesta ympäristölle mahdollisesti aiheutuvia haittavaikutuksia. Nämä negatiiviset vaikutukset minimoidakseen D-Link suunnittelee ja valmistaa tuotteensa mahdollisimman ympäristöystävällisiksi käyttämällä kierrätettäviä, alhaisia pitoisuuksia haitallisia aineita sisältäviä materiaaleja sekä tuotteissaan että niiden pakkauksissa.

Suosittellemme, että irrotat D-Link-tuotteesi virtalähteestä tai sammutat ne aina, kun ne eivät ole käytössä. Toimimalla näin autat säästämään energiaa ja vähentämään hiilidioksiidipäästöjä.

Lue lisää ympäristöystävällisistä D-Link-tuotteista ja pakkauksistamme osoitteesta [www.dlinkgreen.com](http://www.dlinkgreen.com).

## SVENSKA

SE



Den här symbolen på produkten eller förpackningen betyder att produkten enligt lokala lagar och föreskrifter inte skall kastas i hushållssoporna utan i stället återvinnas. Ta den vid slutet av dess livslängd till en av din lokala myndighet utsedd uppsamlingsplats, vissa accepterar produkter utan kostnad. Genom att på detta sätt återvinna produkten och förpackningen hjälper du till att bevara miljön och skydda människors hälsa.

## D-Link och miljön

På D-Link förstår vi och är fast beslutna att minska den påverkan våra verksamheter och produkter kan ha på miljön. För att minska denna påverkan utformar och bygger D-Link sina produkter för att de ska vara så miljövänliga som möjligt, genom att använda återvinningsbara material med låg gifthalt i både produkter och förpackningar.

D-Link rekommenderar att du alltid stänger av eller kopplar ur dina D-Link produkter när du inte använder dem. Genom att göra detta hjälper du till att spara energi och minska utsläpp av koldioxid.

För mer information om våra miljöansvariga produkter och förpackningar [www.dlinkgreen.com](http://www.dlinkgreen.com).

## PORTUGUÊS

PT



Este símbolo no produto ou embalagem significa que, de acordo com as leis e regulamentações locais, este produto não deverá ser eliminado juntamente com o lixo doméstico mas enviado para a reciclagem. Transporte-o para um ponto de recolha designado pelas suas autoridades locais quando este tiver atingido o fim da sua vida útil, alguns destes pontos aceitam produtos gratuitamente. Ao reciclar o produto e respectiva embalagem desta forma, ajuda a preservar o ambiente e protege a saúde humana.

## A D-Link e o ambiente

Na D-Link compreendemos e comprometemo-nos com a redução do impacto que as nossas operações e produtos possam ter no ambiente. Para minimizar este impacto a D-Link concebe e constrói os seus produtos para que estes sejam o mais inofensivos para o ambiente possível, utilizando materiais recicláveis e não tóxicos tanto nos produtos como nas embalagens.

A D-Link recomenda que desligue os seus produtos D-Link quando estes não se encontrarem em utilização. Com esta acção ajudará a poupar energia e reduzir as emissões de CO<sub>2</sub>.

Para saber mais sobre os nossos produtos e embalagens responsáveis a nível ambiental visite [www.dlinkgreen.com](http://www.dlinkgreen.com).