D-Link®

D-Link

User Manual

HD Ultra-Wide View

Wi-Fi Camera

DCS-960L

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes. Information in this document may become obsolete as our services and websites develop and change. Please refer to http://www.mydlink.com for the most current information.

Manual Revisions

Revision	Date	Description
1.00	October 15, 2015	Initial release for hardware revision A1

Trademarks

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DCS-960L HD Ultra-Wide View Wi-Fi Camera

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Quick Install Guide

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

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.

Minimum Requirements

Mobile Device (to use mydlink Lite app)
• iPhone, iPad, Android smartphone or tablet, or Windows Phone 8/8.1
   (Refer to the mobile app's store page to see if your device is compatible)

Network Device and Service
• A wireless router (802.11ac/n/g) with Internet service
• An e-mail account (required to create a mydlink® account)
• Internet Explorer 8 and above, Safari 5, Firefox, and Chrome (latest versions)

Introduction

The HD Ultra-Wide View Wi-Fi Camera (DCS-960L) with 180-degree Wide Eye lens lets you see more of your home with a single camera and provides crisp HD 720p video to watch your kids or pets with wall-to-wall coverage. Night vision allows you to see in total darkness and with the microSD card slot you can record video directly from the camera so you never miss a moment. Get automatic push alert notifications when sound or motion is detected. Stream live HD 720p video to your smartphone or tablet with the free mydlink Lite app for remote monitoring.

Monitor Your Home with Fewer Cameras
The HD Ultra-Wide View Wi-Fi Camera delivers the confidence of HD 720p video clarity, ensuring rich detail and crisp image quality for your surveillance streaming and recording. The DCS-960L's 180° Wide Eye lens uses unique hardware with de-warping technology to maximize the video quality with less distortion, letting you see more of your home at a glance. And with built-in Wireless AC, it takes advantage of the latest Wi-Fi technology to give you a high bandwidth connection to your router for streaming 720p HD video from your camera. The Wi-Fi camera is also backwards compatible and will work seamlessly with your existing wireless devices. Record footage to a microSD/SDXC card for hassle-free recording and playback or easily add a mydlink Camera Recorder (DNR-202L) to locally record up to four D-Link Wi-Fi Cameras for a scalable alternative for recording and storing video.

Convenient Access Anytime, Anywhere with mydlink®
Access your camera through the free mydlink mobile app or website to view and manage your camera through your tablet, mobile phone, laptop or desktop, no matter where you are.

Features

Premium Resolution and Visibility
• 180º (H) Field of View for wider camera coverage
• HD 720p resolution image quality
• 2 Megapixel progressive CMOS sensor
• See up to 16 feet in complete darkness with built-in IR LEDs
• Supports H.264/M-JPEG video codecs
• 8x digital zoom for close-up viewing

Security
• Sound and motion detection with e-mail/push alert notifications
• microSD/SDXC card slot for local recording continuously, based on event triggers or according to a schedule[1]
• Built-in microphone[2]

Ease of Use
• Wireless AC technology provides a reliable connection for 720p video streaming and recording
• Backwards compatible with 802.11n/g
• WPS support for easy wireless connection
• Mobile app enabled setup

Convenient Control with mydlink® Support
• mydlink app support for iPhone, iPad, Android devices and Windows phones
• View and manage remotely using just your mobile device

1 A microSDXC Class 6 card or above is recommended (not included). Supports card capacities up to 128GB.

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

Hardware Overview
Front

1	**Microphone**	Records audio from the surrounding area.
2	**IR (Infrared) LEDs**	Used to illuminate the camera's field of view at night.
3	**Light Sensor**	The IR-Cut Removable sensor monitors lighting conditions and switches between color and infrared accordingly.
4	**Camera Lens**	Records video of the surrounding area.
5	**PIR Sensor**	Passive Infrared sensor for motion detection.

Rear

1	**Power Connector**	Connects to the included 5 V DC power adapter (micro USB connector).	
2	**Reset Button**	Press and hold this button for 10 seconds to reset the camera back to the factory default settings.	
3	**Camera Stand**	Use as a camera stand or a mounting bracket.	
4	**microSD Slot**	Insert a microSD card (not included) to store video files directly to the camera.	
5	**Status LED**	Blinking Amber	The camera is ready but not connected to a wireless network.
		Solid Green	The camera has successfully connected to a wireless network.
		Blinking Green	The WPS process is in progress.
		Blinking Red	The camera is resetting back to the default settings.
6	**WPS Button**	Press this button, then press the WPS button on your router to set up a wireless connection automatically.	

Wireless Installation Considerations

This D-Link device can connect to your wireless network 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 router and other network devices (such as your camera) - each wall or ceiling can reduce your adapter's 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.

Installation
mydlink Lite App

You can configure your camera through the mydlink Lite mobile app. Search for the free mydlink Lite app on the App Store or Google Play and download it to your smartphone or tablet. You can also use a QR code reading app to scan the corresponding code for your device below.

1 Download the free mydlink Lite app on your smartphone or tablet by scanning the QR code below, or by searching for **mydlink Lite** in the app store for your device.

System Requirements: Refer to the mydlink Lite app page on Apple App Store, Google Play or Windows Phone Store.

2 Launch the mydlink Lite app, then create a new account or log in to your existing account.

3 The app will guide you through the rest of the configuration process.

Zero Configuration Setup

Note: *The Zero Configuration Setup will only work with a registered D-Link Cloud Router and an active mydlink account.*

Step 1:
Attach the power supply to the power input on the DCS-960L and connect it to a wall outlet or power strip. Power is confirmed when the Status LED is lit.

Step 2:
Press and hold the WPS button on the camera for five seconds. The Status LED will start to blink green. Then, press the WPS button on your router within two minutes.

Your router will automatically assign your network settings to your camera.

Step 3:
From any computer, open a web browser, go to **http://www.mydlink.com** and log into your account. Once mydlink detects your camera, a **New Device Found!** notice will appear in the bottom right corner. Click on the camera from the *New Devices* list and then click **Yes** to add your camera.

Your setup is complete!

Mount the Camera

Refer to the steps below to assist you with mounting the camera. We suggest that you conﬁgure the camera before mounting.

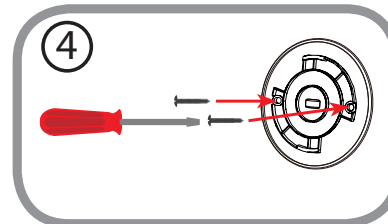1. Turn the base plate on the bottom of the camera counterclockwise with a coin to remove it.
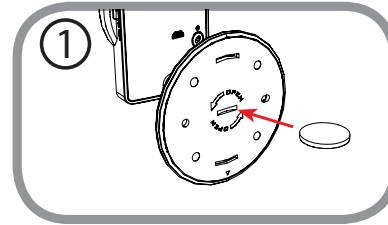
2. Place the base plate where you want to position the camera and use a pencil to mark the holes. Make sure the holes are lined up horizontally.
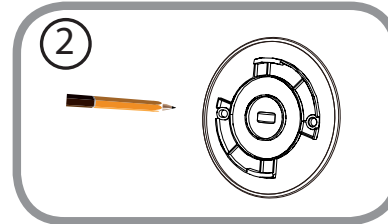
3. Depending on the material of the wall or ceiling, use proper tools to drill two holes 25mm deep with a 6mm drill bit where you marked. If the wall is made out of concrete, drill the holes ﬁrst, then insert the plastic anchors to support the screws.
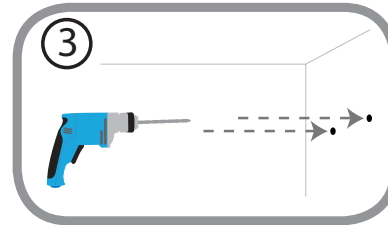
4. Place the base plate over the holes that are in the wall. Make sure to align the base plate holes with the holes in the wall. Use the supplied screws to attach the base plate to the surface of the wall. Do not overtighten screwheads as this may crack the mount.
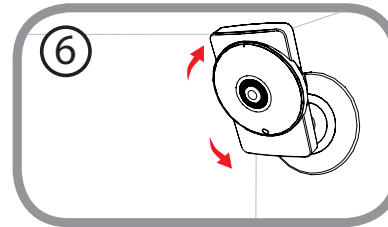
5. Place the camera over the base plate and turn the camera clockwise to lock it in place.
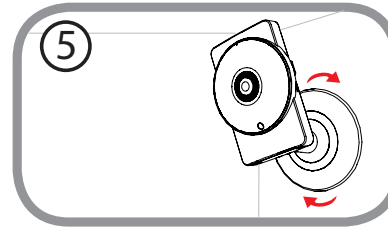
6. Adjust the angle of the camera as desired.

mydlink

After registering your DCS-960L camera with a mydlink account in the Camera Installation Wizard, 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:
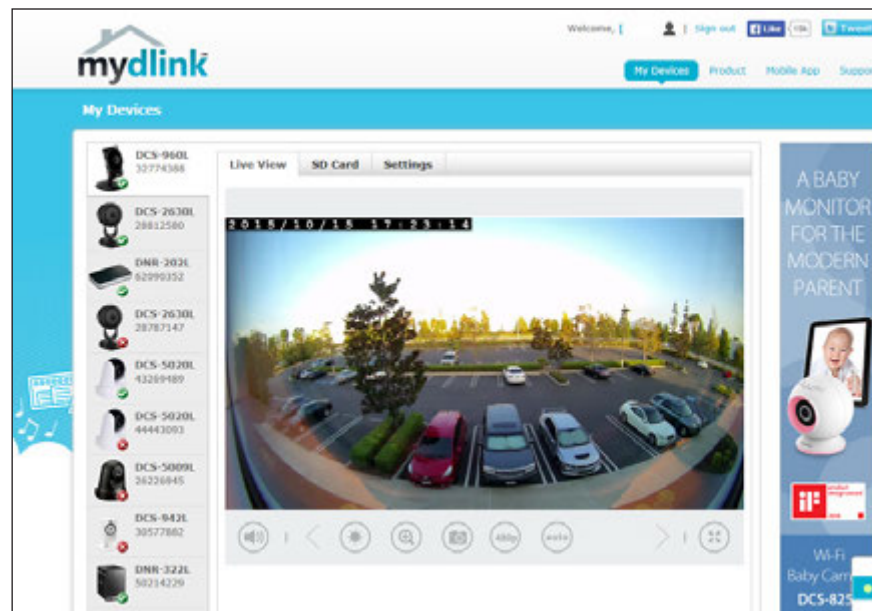
Configuration
Using the Configuration Interface

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, open a web browser on your PC to go to **http://www.mydlink.com** 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**.

You can also enter the camera's IP address in your web browser. You can get the camera's IP address by logging into your router and looking at the DHCP table or client list.

When you see the login window, enter the User name **admin** and the password you created while using the Setup Wizard. If you did not create a password, the default password is blank. Click **OK** to proceed.

Live Video

View your camera's live video from this screen. You may select any of the available icons listed below to operate the camera. You may also select your language using the drop-down menu on the left side of the screen.

You can zoom in and out on the live video image using your mouse. Right-click to zoom out or left-click to zoom in on the image.

	Motion Trigger Indicator	This indicator will change color when a trigger event occurs. *Note: The video motion feature for your camera must be enabled.*
	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 Region of Interest (ROI) will pan back and forth within the Field of View (FOV).
	Stop	Stops the camera ePTZ motion.
	Preset Path	Starts the camera's motion along a predefined path.

SD Status: This option displays the status of the microSD card. If no microSD card has been inserted, this screen will display the message "Card Invalid."

ePTZ Speed: You may select a value between **0** and **64**. 0 is the slowest and 64 is the fastest.

Language: Select a language from the drop-down menu.

| | Video Profile 1 | | | Record a video clip |
	Video Profile 2			Set a storage folder
	Full screen mode	GoTo --Preset List-- ⌄	Select a preset
	Take a snapshot			

Setup
Setup Wizard

Access the setup wizards for connecting your camera to the network and setting up your motion detection preferences. If you have experience with camera configuration, you may choose to manually configure your camera.

Internet Connection Setup Wizard:
Click to use the *Internet Connection Setup Wizard* to configure your network camera and connect it to the Internet. Refer to instructions for "Internet Connection Setup Wizard" on page 19.

Manual Internet Connection Setup:
Click to manually set up your camera's connection to your network or to modify the settings. Refer to "Network" on page 25.

Motion Detection Setup Wizard:
Click to configure your camera's motion detection settings using the *Motion Detection Setup Wizard*. Refer to instructions for "Motion Detection Setup Wizard" on page 22.

Manual Motion Detection Setup:
Click to manually set up your camera's motion detection settings, or to modify the settings. Refer to "Motion Detection" on page 33.
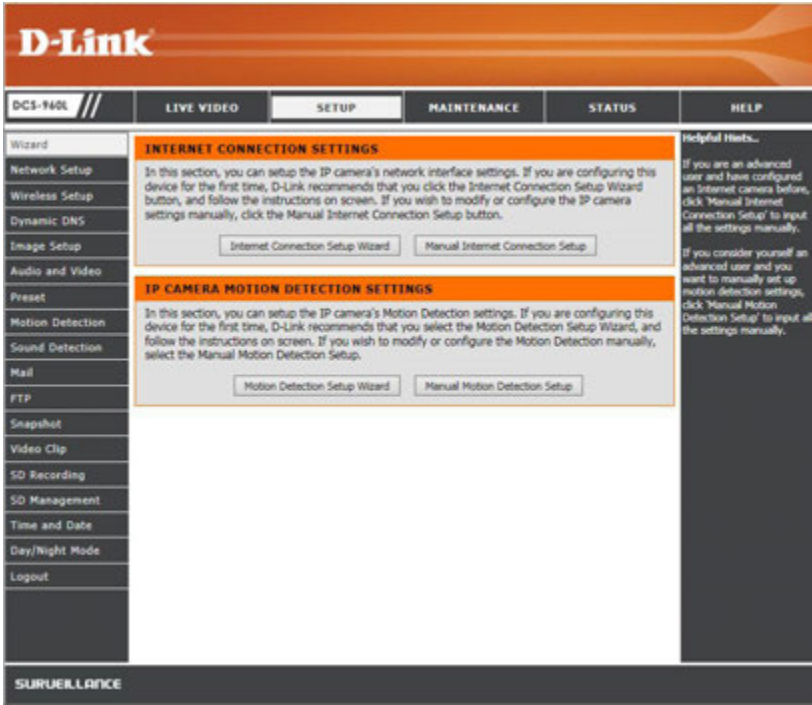
Internet Connection Setup Wizard

Note: Use this wizard if you are connecting the camera directly to a public IP address. If you are connecting the camera to a router, select **DHCP Connection** (most common) or select **Static IP Address** to manually assign the camera its IP settings.

Step 1
The *Internet Connection Setup Wizard* will guide you through a step-by-step process to configure your DCS-960L and connect it the Internet.

Click **Next** to continue.

Step 2
Select **DHCP Connection** (Dynamic Host Configuration Protocol) if you want your DHCP server (usually enabled on your router) to assign the camera its IP settings.

If you want to manually assign the IP settings, select **Static IP Address** and enter the following details from your Internet Service Provider (ISP):
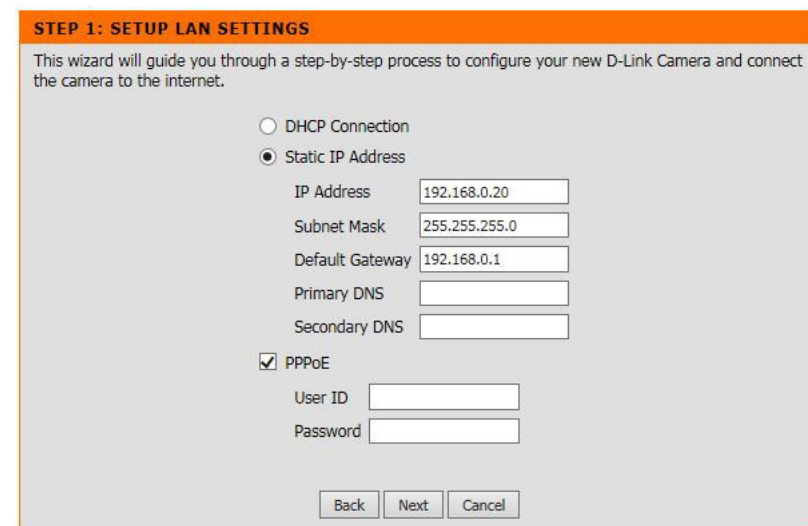
IP Address: Enter an **IP Address** for your camera.

Subnet Mask: Enter the **Subnet Mask** of your network.

Default Gateway: Enter the **Default Gateway** address. This is usually the IP address (LAN) of your router.

Primary DNS: Enter the primary DNS server's IP address. This is usually also the IP address (LAN) of your router.

Secondary DNS: Enter the secondary DNS server's IP address. This is optional.
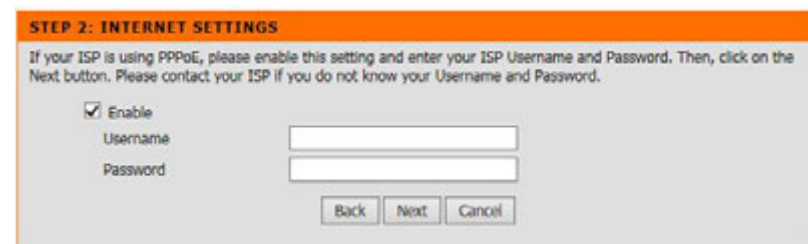
If you are required to connect using PPPoE (Point to Point Protocol over Ethernet), check the box to **Enable** and enter the **User Name** and **Password** for your PPPoE connection. Only select this option if your camera is directly connected to your broadband modem. If it is on a network with a router or gateway, do not select this option.

Click **Next** to continue.

Step 3

If you have a Dynamic DNS account, you may have an IP address that frequently changes. Check the box to **Enable DDNS,** allowing your camera to update your IP address automatically. Enter host information as described below:

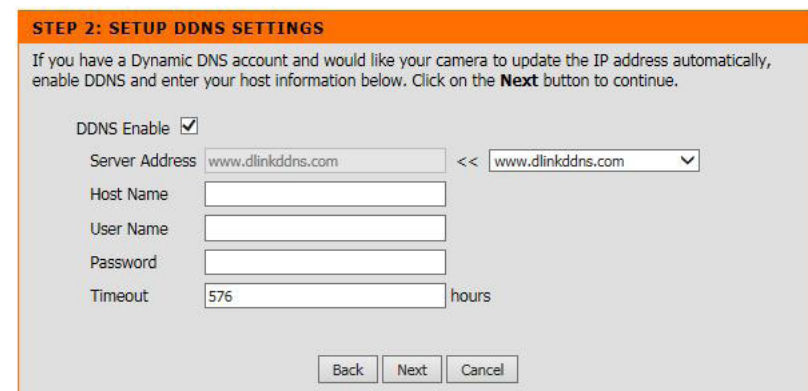|	
Server Address:	Select your DDNS server from the drop-down menu and click **<<**.
Host Name:	Enter the **Host Name** of the DDNS server.
User Name:	Enter your **User Name** or the e-mail address used to connect to the DDN server.
Password:	Enter the **Password** used to connect to the DDNS server.
Timeout:	You can specify how often the camera notifies the DDNS server of its current global IP address by entering a whole number representing hours.

Click **Next** to continue.

Step 4

Enter a unique name for your camera and click **Next** to continue.

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 | DCS-960L | 10 characters maximum

Back | Next | Cancel

Step 5

Select the **Time Zone** that corresponds to your camera's location in order to ensure that scheduled events occur at the correct time.

Click **Next** to continue.

STEP 4: SETUP TIME ZONE

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

Current Time   2015/10/15 08:21:23

Time Zone   (GMT-08:00) Pacific Time (US & Canada)

Back | Next | Cancel

Step 6

A summary of your camera settings is displayed for confirmation. If the settings are incorrect, click **Back** to make changes. Otherwise click **Apply**.

Note: Make a note of the camera's IP address so you can access it on your network or by using a web browser.

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.
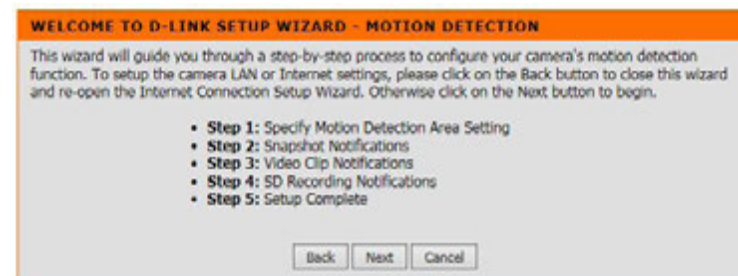
IP Address   192.168.0.2
IP Camera Name   DCS-960L
Time Zone   (GMT-08:00) Pacific Time (US & Canada)
DDNS   Disable

Back | Apply | Cancel

Motion Detection Setup Wizard

Step 1

The *Motion Detection Setup Wizard* will guide you through a step-by-step process to configure your camera's motion detection functions.

Click **Next** to continue.

Step 2

This step will allow you to enable or disable motion detection. You may draw areas for your camera to monitor for motion.

1. Check the **Enable Video Motion** box.
2. Select **Draw motion area** and use your mouse to click and drag on the area that you would like to monitor for motion.
3. Enter the sensitivity. Higher the number the more sensitive the detection of movement will be.
4. You can select **Erase motion area** and erase areas if needed. Click **Clear** if you want to erase the area.
5. Click **Next** to continue.

Refer to "Motion Detection" on page 33 for details about how to specify the detection sensitivity and adjust the camera's ability to detect movement.
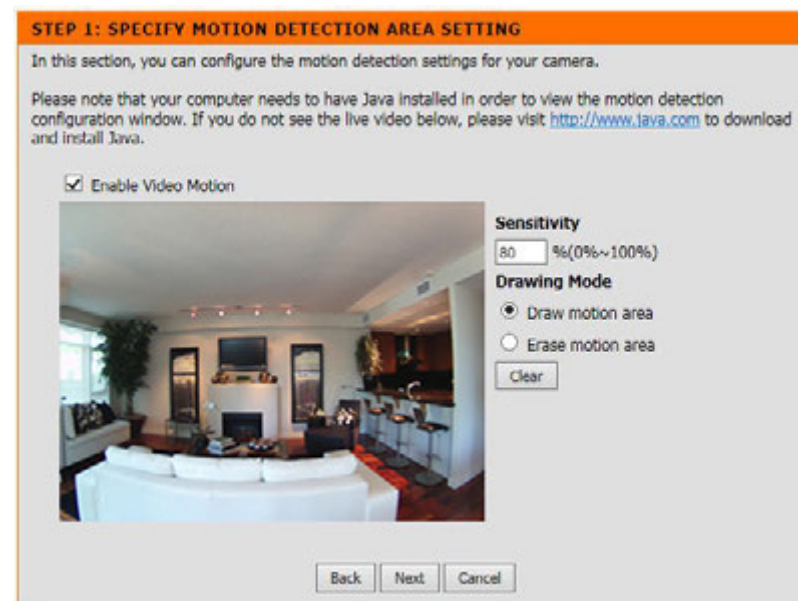
Step 3

This step allows you to specify how you would like to receive snapshots from your camera when triggered. Check the **Enable** box and then select a schedule (check the **Only during** box), the snapshot type, and the method of sending you the alert (FTP or E-mail). Please refer to "Snapshot" on page 37 for more information.

Click **Next** to continue.

Step 4

This step allows you to specify how you would like to receive video clips from your camera when triggered. Check the **Enable** box and then select a schedule (check the **Only during** box), the video clip type, and the method of sending you the alert (FTP or E-mail). Please refer to "Video Clip" on page 38 for more information.

Click **Next** to continue.

Step 5

This step allows you to send video clips or snapshots to your microSD card when triggered. Check the **Enable** box and then select a schedule (check the **Only during** box), the SD recording type, and how much space to use. Refer to "SD Recording" on page 39 for information.

Click **Next** to continue.

Step 6

You have completed the *Motion Detection Wizard*. Review your settings, and click on **Back** if you need to make modifications. If settings are correct, click **Apply** to save them.

Please wait a few moments while the camera saves your settings and restarts.

Network

IP Settings

Use this section to configure the network connections for your camera. All relevant information must be entered accurately. After making any changes, click **Save Settings**.

DHCP Connection: Select this option if you have a DHCP server (i.e., router) running on your network and would like your camera to obtain an IP address automatically.

Static IP Address: Select this option to manually enter the IP settings on your camera.

IP Address: Enter an IP address for your camera.

Subnet Mask: Enter the subnet mask for your network. The default value is 255.255.255.0.

Default Gateway: Enter the default gateway address. This is usually the LAN IP address of your router.

Primary DNS: Enter the IP address for the primary DNS (domain name server) that translates names to IP addresses. This is usually the LAN IP address of your router.

Secondary DNS: The secondary DNS acts as a backup to the primary DNS.

PPPoE: Select to enable this setting if your network uses PPPoE (Point to Point Protocol over Ethernet). Select this option only if your camera is directly connected to your broadband modem.

User Name & Password: Enter the user name and password for your PPPoE account. Re-enter your password to verify. You may obtain this information from your ISP.

PPPoE Status: Displays the status as active or inactive.

Port Settings/UPnP

HTTP Port: The default port number is 80.

RTSP Port: The port number that you use for RTSP streaming to mobile devices, such as mobile phones. The default port number is 554. You may specify the address of a particular stream. For instance, live1.sdp can be accessed at **rtsp://x.x.x.x/video1.sdp** where the x.x.x.x represents the ip address of your camera.

HTTPS Enable: Check this box to enable HTTPS. This will create a secure connection from your computer to the camera while using the web-based configuration utility.

HTTPS Port: Assign a port to HTTPS or use the default port number of 443.

UPnP: Enabling this setting allows your camera to be configured as a UPnP (Universal Plug and Play) device on your network.

Enable UPnP Port Forward: Enabling this setting allows the camera to add port forwarding entries into the router automatically. You must have UPnP enabled on your router.

External Ports: Enter the external port for HTTP, HTTPS, and RTSP. These are usually the same as the values above. Only change if the ports are being forwarded by your router to other services.

Bonjour Enable: Enable to allow discovery of your camera by Apple devices.

Bonjour Name: Enter a name for the camera to be seen by Apple devices.

Wireless

This section allows you to set up and configure the wireless settings on your camera. After making any changes, click **Save Settings**.

SSID: Enter the SSID of the wireless network you want to connect the camera to.

Site Survey: Click to scan for available wireless networks. After scanning, select the network you want to connect the camera to and click **Connect**. Some of the remaining fields will be automatically populated.

Security Mode: Select either **None** or **WPA-PSK / WPA2-PSK**.

Cipher Type: **AES/TKIP** is selected.

Key: Enter the Wi-Fi password.

Dynamic DNS

DDNS (Dynamic Domain Name Server) will hold a DNS host name and synchronize the public IP address of the modem when it has been modified. A user name and password are required when using the DDNS service. After making any changes, click **Save Settings**.

DDNS Enable: Select this checkbox to enable the DDNS function.

Server Address: Select your Dynamic DNS provider from the drop-down menu or enter the server address manually.

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

User Name: Enter the user name or e-mail used to connect to your DDNS account.

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

Timeout: Enter the DNS timeout values you wish to use.

Status: Indicates the connection status, which is automatically determined by the system.

Image Setup

In this section, you may configure the video image settings for your camera. A preview of the image will be shown in Live Video.

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:	This will mirror the image horizontally.
Anti flicker:	This option adjusts the camera sensor's setting to avoid the image flickering under certain light sources, such as florescent lights.
Saturation:	This setting controls the amount of coloration, from grayscale to fully saturated.
Hue:	Allows you to adjust the hue (shift the color value) of the video.
B/W:	Select to change the video to black and white.
Flip:	Check the box to flip the image vertically. If the camera is installed upside down, *Flip* and *Mirror* should both be checked.
Reset to Default:	Click to reset all the settings on this page to the default values.

Audio and Video

You may configure up to three video profiles with different settings for your camera. Hence, you may set up different profiles for your computer and mobile display. In addition, you may also configure the two-way audio settings for your camera. After making any changes, click **Save Settings**.

Mode: Displays the compression type (**H.264** or **JPEG**).

Frame Rate: Select the video resolution from the drop-down menu. The higher setting can obtain better quality. However, it will use more resource within your network.

Frame Rate: Select the frame rate (frames per second) to use for the video stream. Higher FPS offers better quality, but requires more bandwidth to stream.

Constant bit rate: Available only on Profile 1. Select the bitrate to assign the video. This is a constant bitrate. A higher bitrate will result in better looking video at the expense of a larger file size.

Fixed Quality: Select one of five levels of image quality: **Highest**, **High**, **Medium**, **Low**, and **Lowest**.

RTSP URL: The URL used to connect to the camera when viewing streaming media from QuickTime or a mobile device.

Audio Setup: Allows you to enable or disable, and adjust the volume levels of the microphone.

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 the ePTZ function.

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

Controls: 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 this 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

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. 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

Motion Detection

Enabling Video Motion will allow your camera to use the motion detection feature. You may draw a finite motion area that will be used for monitoring. After making any changes, click **Save Settings**.

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

Sensitivity: This setting adjusts how sensitive the camera will be to motion, where 100% will be the most sensitive setting and 0% will be the least sensitive setting.

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

Clear: Click to clear all motion detection zones.
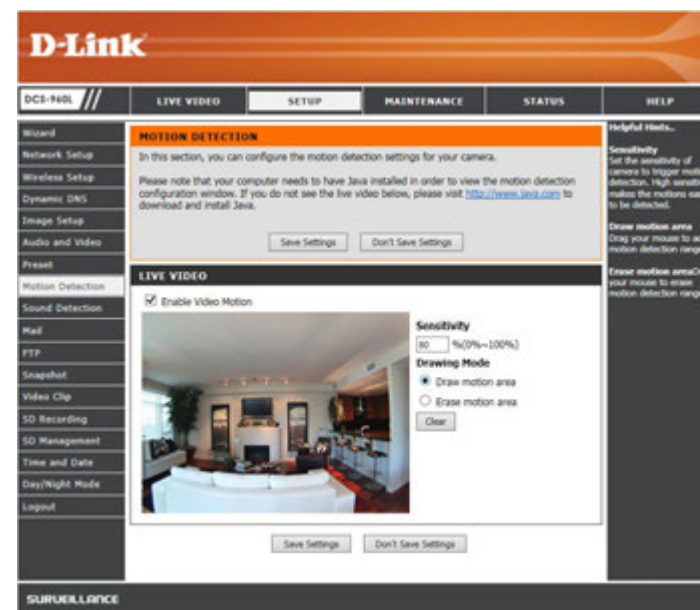
When motion is detected in the red area you created on the image, the LIVE VIDEO page will display a blinking orange motion video icon like the one below.

No Motion **Motion**

The motion notification will continue to blink as long as motion is detected. If no additional motion is detected, it will return to its original state after eight seconds.

Sound Detection

Sound 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 *SD Recording*, *Video Clip*, or *Snapshot* should also be selected. After making any changes, click **Save Settings**.

Sound Detection: Select **Enable** to turn on the sound detection feature of your camera.

Detection Level: Specifies the measurable detection level that would indicate sound. Select the value from the drop-down menu. The higher the number, the less sensitivity will be required to trigger an event.
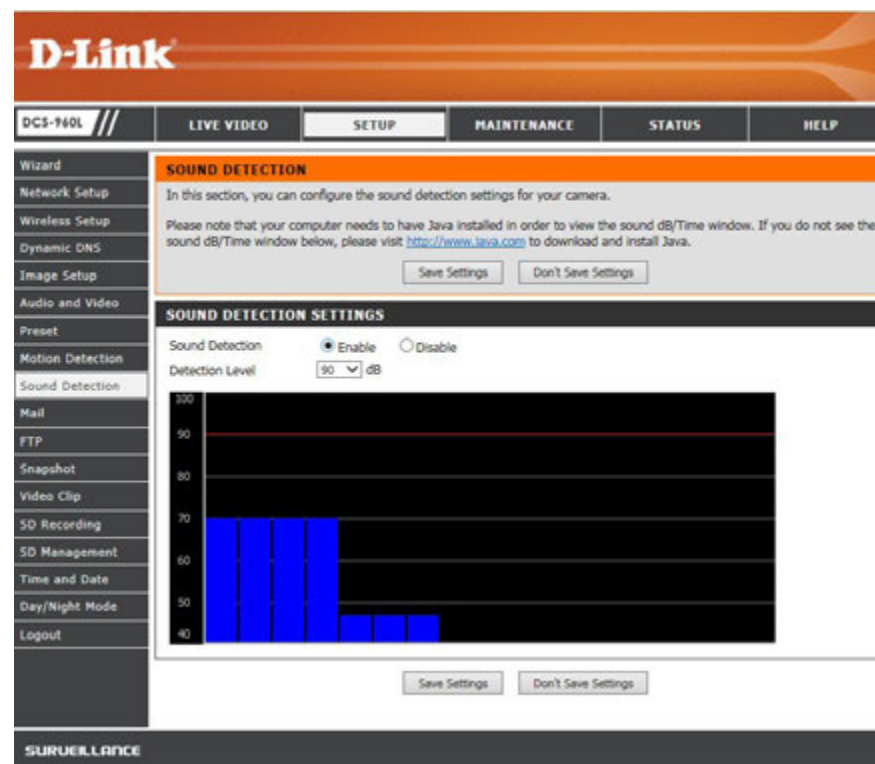
Mail

This section allows you to configure your camera to send snapshots and video clips to an e-mail address. If you are not sure what settings to use, check with your e-mail provider (e.g., Gmail, Yahoo Mail, etc.). After making any changes, click **Save Settings**.

SMTP Server Address:	Enter the domain name or IP address of your external e-mail server.
SMTP Server Port:	Enter the port number used by your external e-mail server. (The default value is 25.)
Sender Email Address:	Enter the *E-mail Address* listed as the sender for your notification e-mails.
Receiver Email Address:	Enter 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 interval in seconds (30 - 86400).
Use SSL-TLS/STARTTLS:	Select one of these choices if your SMTP server requires SSL-TLS or STARTTLS authentication. For example, if you want to use Gmail with SSL-TLS for e-mail notifications, you can follow the steps below:

Step 1 - Enter **smtp.gmail.com** in *SMTP Server Address* field.
Step 2 - Change the *SMTP Server Port* number from 25 to **465**.
Step 3 - Enter your *Gmail e-mail address* in the *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.

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 between each registered region, and only SMTP port 465 is supported for SSL-TLS.

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

FTP

This section allows you to configure your camera to send snapshots and video clips to an FTP server. After making any changes, click **Save Settings**.

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

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

User Name: Enter the *User Name* for your FTP server account.

Password: Enter the *Password* for your FTP server account.

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

Interval: Enter the interval in seconds (30 - 86400).

Passive Mode: Click **Yes** to enable the passive mode. This may help you reach your FTP server if your camera is behind a router protected by a firewall.

Test FTP Server: Click **Test** to send a test JPEG snapshot to the FTP server specified above, and to make sure that your settings are correct.

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

Snapshot

This allows you to set the camera to take snapshots when motion is detected. Snapshots can be sent to an e-mail address or to an FTP server. After making any changes, click **Save Settings**.

Snapshot: Check this box to enable.

Trigger by: Select the trigger event from the drop-down menu. **Motion** begins a snapshot after a motion is detected; **Schedule** sends "snapshots" at a specified time; **Always** provides continuous snapshots.

Only During: Check the *Only During* box to set a schedule for taking snapshots. Then check the box(es) to select a day or days, and choose a starting and ending time from the drop-down menus.

Source: Profile 2 will be the source for snapshots. Refer to "Audio and Video" on page 30 to modify quality and resolution settings.

Snapshot Type: Select whether to take a single snapshot or to take six snapshots with a 1 or 2 second 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 email address.

You will need to enter your FTP or email information before selecting. Refer to the previous two pages to enter your account settings.

Video Clip

Video Clip is a feature to send video clips via FTP or Email when a trigger is activated. After making any changes, click **Save Settings**.

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

Trigger By: Select whether the event is triggered by **Motion, Schedule**, **Sound**, or if the video is **Always** recording.

Only During: Check the *Only During* box to set a schedule for sending video clips. Then check the box(es) to select a day or days, and choose a starting and ending time from the drop-down menus.

Source: Profile 1 will be the source for video clips. Refer to "Audio and Video" on page 30 to modify quality and resolution settings.

Video Clip Type: Displays the profile used for the recording and allows you to specify the maximum duration of the video clip and whether to start recording up to 5 seconds before the event to ensure the event is captured.

Target: Select where you want the video clip to be sent. It may be uploaded to an FTP or sent to an email address.

You will need to enter your FTP or email information before selecting. Refer to "Mail" on page 35 and/or "FTP" on page 36 to enter your account settings.

SD Recording

This option allows you to configure and schedule the recording of your camera. You can then record video to your SD card. After making any changes, click **Save Settings**.

SD Recording: Select this option if you have inserted an available microSD card into the camera.

Trigger by: Select the type of trigger event from the drop-down menu. **Motion** begins recording video/snapshot after a motion is detected; **Schedule** records video/takes snapshots at a specified time; **Sound** will record video/take snapshots after sound is detected; **Always** will record video/take snapshots continuously.

Only During: Check the *Only During* box to set a schedule for sending either snapshots or video to your microSD card. Then check the box(es) to select a day or days, and choose a starting and ending time from the drop-down menus.

Source: If you select **Snapshots** under *Recording Type*, Profile 2 will be used. If you select **Video**, then Profile 1 will be used.

Recording Type: Select to record video or take a snapshot. If you select **Video**, select the recording length.

Keep Free Space: This sets the capacity of your local SD card to prevent the system from becoming unstable.

Cyclic: Selecting this option will cause the oldest file to be deleted when the system requires storage space for new files.

SD Management

Here you may browse and manage the recorded files which are stored on your microSD card. You can also format the microSD card.

SD Card: This shows the current folder on the microSD card that you are viewing. Click on an earlier folder name to return to it.

SD Status: This shows the current microSD card status.

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.

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

Note: SD Recording must be disabled in order to format the microSD card. See SD Recording on the previous page for more details.

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. To select all of the files or folders shown, click on the checkbox next to the Delete button.
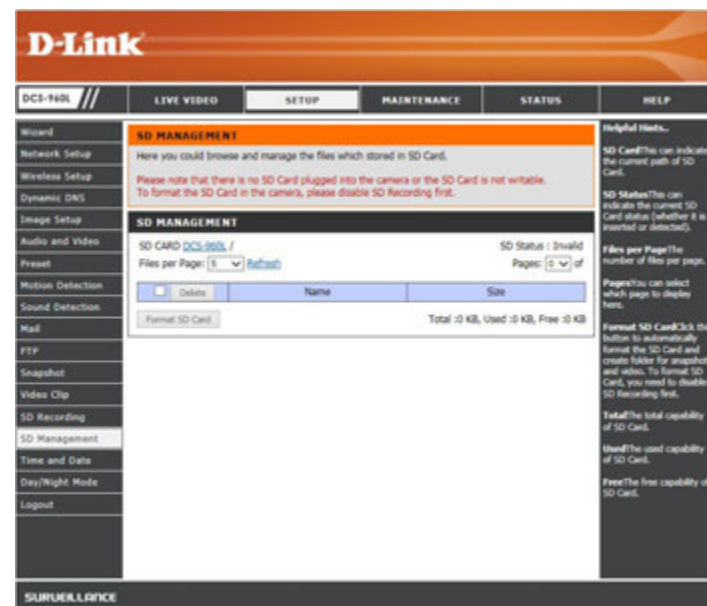
Time and Date

This section allows you to automatically or manually configure, update, and maintain the internal system clock for your camera. After making any changes, click **Save Settings**.

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

Enable Daylight Saving: Select this to enable Daylight Saving Time.

Auto Daylight Saving: Select this option to allow your camera to configure the Daylight Saving settings automatically.

Set DST Manually: Selecting this option allows you to configure the Daylight Saving date and time manually.

Offset: Sets the amount of time to be added or removed when Daylight Saving is enabled.

Synchronize with NTP Server: Enable this feature to obtain time automatically from an NTP server.

NTP Server: Network Time Protocol (NTP) synchronizes the DCS-960L with an Internet time server. Choose the one that is closest to your location.

Set the Date and Time Manually: This option allows you to set the time and date manually.

Copy Your Computer's Time Settings: This will synchronize the time information from your PC.

Day and 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. After making any changes, click **Save Settings**.

Auto: Click **Auto** to allow the camera to automatically switch between Day and Night modes based on the amount of available lighting.

Manual: Click **Manual** in order to manually switch between Day and Night modes from the *Live Video* page.

Always Day Mode: Click to allow the camera to always use *Day Mode*.

Always Night Mode: Click to allow the camera to always use *Night Mode*.

Day Mode Schedule: Click **Day Mode Schedule** and use the drop-down menus to set a schedule for your camera. This allows the camera to use Day mode during the times you specify. The camera will automatically switch to Night mode outside the times you specify.

Maintenance

Admin

You may modify the name and administrator's password of your camera, as well as add and manage the user accounts for accessing the camera. You may also use this section to create a unique name and configure the OSD settings for your camera.

Admin Password Setting:	Set a new password for the administrator's account. Enter your current password, then create a new one and click **Apply**.
Camera Name:	Enter a name for your camera.
LED Control:	Click **Normal** to enable the LEDs on the back of the device, or select **Off** to disable the LEDs. Turning off the LEDs may make the camera less noticeable.
Snapshot URL Authentication:	Click **Enable** to allow access to the current camera snapshot using the Web address indicated.
OSD Time:	Click **Enable** to allow the on-screen display (OSD) of the current time to be added to the video from your camera.
Add User Account:	Add a new user account.
User Name:	Enter a user name for the new account.
Password:	Enter a password for the new account.
Add:	Click to add the new user.
User List:	All the existing user accounts will be displayed here. To delete an account, select it from the drop-down menu and then click **Delete**.

System

In this section, you may backup, restore and reset the camera configuration, or reboot the camera. Restoring the camera to factory default settings will erase all settings, including any rules that you created.

Save To Local Hard Drive: You may save your current camera configuration as a file on your computer.

Local From Local Hard Drive: Locate a pre-saved configuration by clicking **Browse** and then restore the pre-defined settings to your camera by clicking **Restore Configuration From File**.

Restore to Factory Defaults: You may reset your camera and restore the factory default settings by clicking **Restore To Factory Defaults**.

Reboot Device: This will restart your camera.

Schedule Device Reboot: Select the day(s) and time you want to have the camera reboot. Click **Save** to activate.
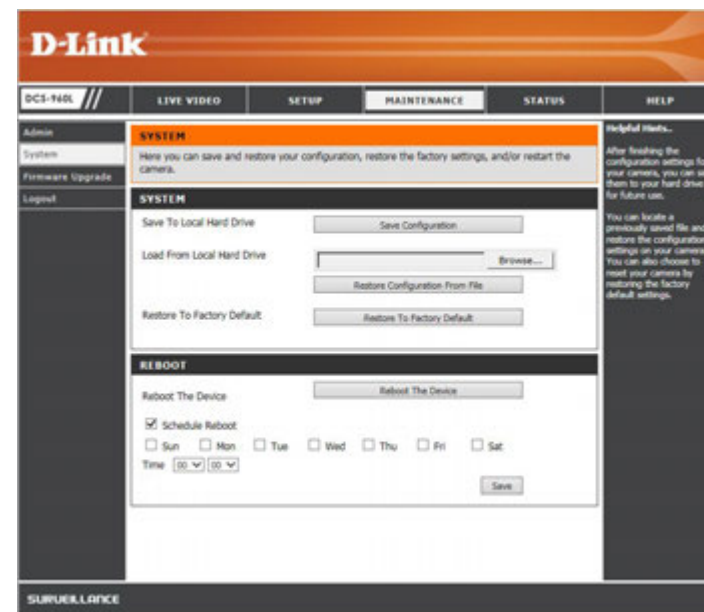
Firmware Upgrade

To upgrade the firmware on your DCS-960L, 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. Select the file and click the **Upload** button to start upgrading the firmware.

Current Firmware Version: Displays the current firmware version.

File Path: Locate the file (upgraded firmware) on your hard drive by clicking **Browse**.

Upload: Uploads the new firmware to your camera.

Status
Device Info

This page displays detailed information about your device and network connection.

System Log

This page displays the log information of your camera. You may download the information by clicking **Download**. You may also click **Clear** to delete the saved log information.

Event Log

This page displays a log of camera events. Click **Refresh** to update the information.
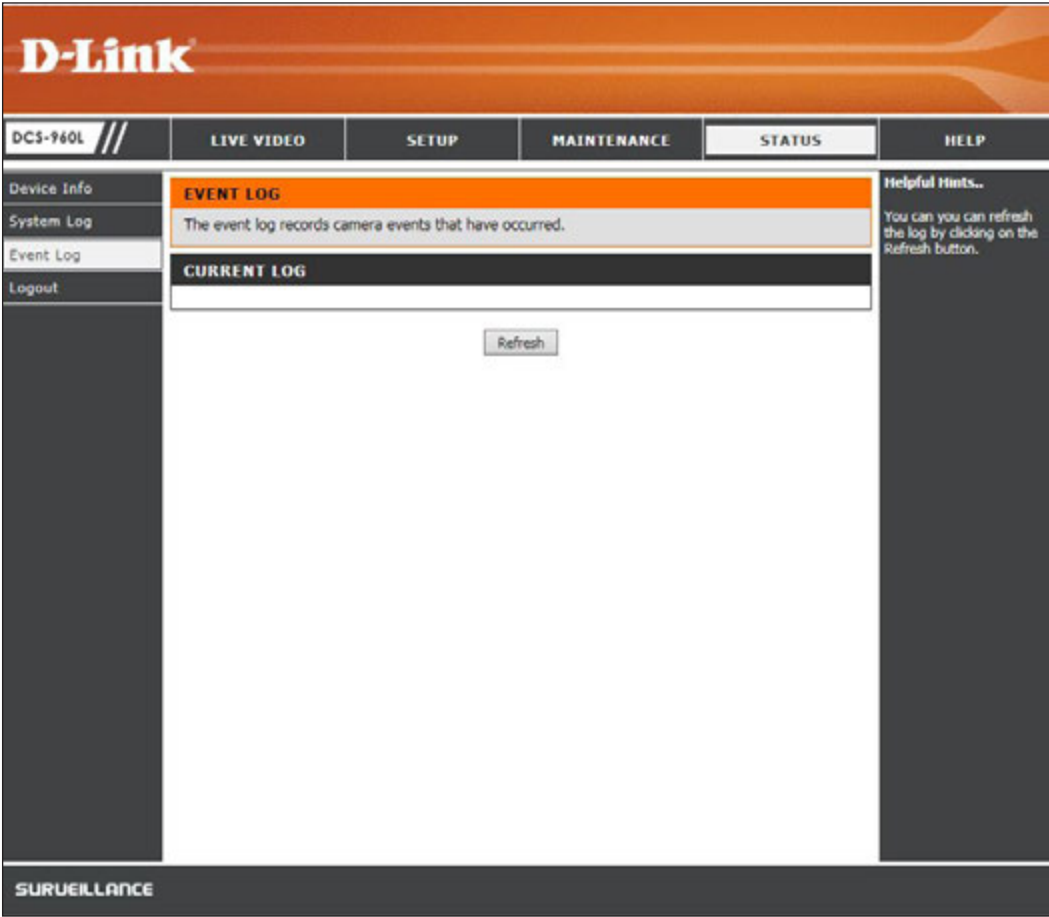
Help

This page provides helpful information regarding camera operation.
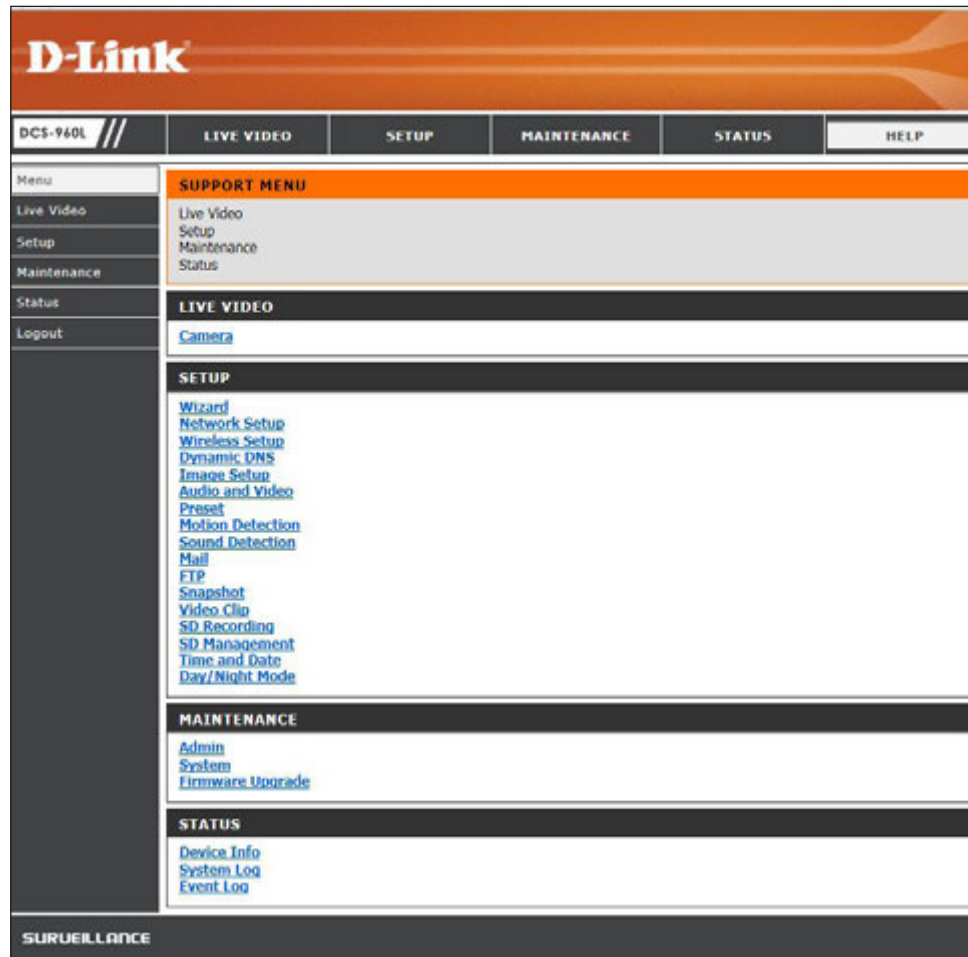
Troubleshooting

1. **What should I do if i forget my password?**

    You must reset your camera. Unfortunately, this will change your settings back to the factory default settings. To reset your camera, use an unfolded paperclip to press and hold the **Reset** button for 10 seconds while your camera is plugged in.

2. **Why does a series of broad vertical white lines appear through out the image?**
    It could be that the CMOS sensor (a square panel situated behind the lens that measures the light signals and changes it into a digital format so your computer can present it into an image that you are familiar with) has become overloaded when it has been exposed to bright lights such as direct exposure to sunlight or halogen lights. Reposition the camera into a more shaded area immediately, as prolonged exposure to bright lights will damage the CMOS sensor.

3. **The camera is producing noisy images. How can I solve the problem?**
    The video images might be noisy if the camera is used in a very low light environment.

4. **Why are no images available through the Web browser?**
    ActiveX might be disabled. If you are viewing the images from Internet Explorer make sure ActiveX has been enabled in the Internet Options menu. You may also need to change the security settings on your browser to allow the ActiveX plug-in to be installed.

5. **The PIR is not operating well, how can I improve the quality?**
    * For the Passive Infrared Sensor (PIR) to function properly it is required to have direct line of site to the object. When the room has many obstacles or the line of site is obstructed by glass, the PIR will not function properly.
    * When the environment temperature is too high, the PIR detection will slow down and should not be mistaken for a faulty PIR.
    * This Camera can only be installed indoors. Do not install this camera in a place where IR interference can be a problem. IR interference can be found close to glass doors or windows, where direct sunlight can cause interference or in the path of car headlights.
    * Do not install this camera next to or in front of an air conditioner outlet or vent.
    * Do not install this camera close to wireless devices with high frequencies as the PIR is easily affected by RF radiation.
    * The PIR functions best when detecting lateral movements. Radial movements cannot be detected as well as lateral movements.
    * Do not install this camera directly under an extremely bright light. The PIR cannot fully suppress a bright white light.
    * Any movements from an object with a normal body temperature, like humans or animals, can be detected. To avoid any malfunctions, install this camera at the proper height.
    * Install this camera on a firm, static, anti-shock surface.

Technical Specifications

Camera	Camera Hardware Profile	▪ 1/2.7" 2 megapixel progressive CMOS sensor ▪ 16 feet IR illumination distance ▪ Minimum illumination: 0 lux with IR LED on ▪ Built-in Infrared-Cut Removable (ICR) Filter module ▪ Minimum object distance: 17 inches ▪ Built-in microphone	▪ 8x digital zoom ▪ Focal length: 1.2mm ▪ Aperture: F1.8 ▪ Angle of view: ▪ (H) 180° ▪ (V) 140° ▪ (D) 180°
	Image Features	▪ Adjustable image size, quality, frame rate and bit rate ▪ Time stamp and text overlays ▪ Adjustable brightness, saturation, contrast, sharpness and hue	▪ Anti-flicker (on/off) ▪ Flip and Mirror ▪ Configurable motion detection windows ▪ Configurable sound level detection
	Video Compression	▪ Simultaneous H.264/MJPEG format compression	▪ JPEG for still images
	Video Resolution	▪ 1280 x 720, 800 x 600, 720 x 480, 640 x 480, 320 x 240 @ 30FPS	
	Audio Support	▪ G.711 ▪ ACC	
	External Device Interface	▪ Power LED ▪ WPS Button	▪ Reset Button ▪ microSD/SDHC card slot
Network	Network Protocols	▪ IPv4, ARP, TCP, UDP, ICMP ▪ DHCP Client ▪ NTP Client ▪ DNS Client ▪ DDNS Client (D-Link) ▪ SMTP Client ▪ FTP Client	▪ HTTP Server ▪ PPPoE ▪ UPnP, UPnP Port Forwarding ▪ RTP, RTSP, RTCP ▪ HTTPS (for configuration) ▪ Bonjour
	Security	▪ Administrator and user group protection ▪ Password authentication	▪ HTTP and RTSP digest encryption

System Management	System Requirements for Web Interface	• Operating System: Microsoft Windows 8/7/Vista • Browser: Internet Explorer, Firefox, Chrome, Safari	
	Event Management	• Event notification and uploading of snapshots/video clips via e-mail (SMTP) or FTP	• Motion detection • Sound level detection
	Remote Management	• Configuration accessible via web browser	
	Mobile Support	• mydlink Lite app for iOS, Android and Windows Phones • Requires iOS 7 and above, Android 4.0 and above, or any version Windows Phone	
General	Weight	• 0.31 lbs	
	Power	• 5 V DC 1.2 A, 50/60 Hz	
	Power Consumption	• 3.5 watts	
	Temperature	• Operating: 32° to 104°F (0° to 40°C) • Storage: -4° to 158°F (-20° to 70°C)	
	Humidity	• Operating: 20% to 80% non-condensing • Storage: 5% to 95% non-condensing	
	Certifications	• CE • CE LVD	• FCC (Class B) • ICES
	Dimensions	• 3.78 x 3.78 x 5.43 inches (W x D x H)	

Contacting Technical Support

U.S. and Canadian customers can contact D-Link technical support through our web site or by phone.

Before you contact technical support, please have the following ready:

- Model number of the product (e.g. DCS-960L)
- Hardware Revision (located on the label on the bottom of the Network Camera (e.g. rev A1))
- Serial Number (s/n number located on the label on the bottom of the Network Camera).

You can find software updates and user documentation on the D-Link website as well as frequently asked questions and answers to technical issues.

For customers within the United States:

Phone Support:
(877) 453-5465

Internet Support:
http://support.dlink.com

For customers within Canada:

Phone Support:
(800) 361-5265

Internet Support:
http://support.dlink.ca

Warranty

Subject to the terms and conditions set forth herein, D-Link Systems, Inc. ("D-Link") provides this Limited Warranty:

- Only to the person or entity that originally purchased the product from D-Link or its authorized reseller or distributor, and
- Only for products purchased and delivered within the fifty states of the United States, the District of Columbia, U.S. Possessions or Protectorates, U.S. Military Installations, or addresses with an APO or FPO.

Limited Warranty:
D-Link warrants that the hardware portion of the D-Link product described below ("Hardware") will be free from material defects in workmanship and materials under normal use from the date of original retail purchase of the product, for the period set forth below ("Warranty Period"), except as otherwise stated herein.

- Hardware (excluding power supplies and fans): One (1) year
- Power supplies and fans: One (1) year
- Spare parts and spare kits: Ninety (90) days

The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to repair or replace the defective Hardware during the Warranty Period at no charge to the original owner or to refund the actual purchase price paid. Any repair or replacement will be rendered by D-Link at an Authorized D-Link Service Office. The replacement hardware need not be new or have an identical make, model or part. D-Link may, at its option, replace the defective Hardware or any part thereof with any reconditioned product that D-Link reasonably determines is substantially equivalent (or superior) in all material respects to the defective Hardware. Repaired or replacement hardware will be warranted for the remainder of the original Warranty Period or ninety (90) days, whichever is longer, and is subject to the same limitations and exclusions. If a material defect is incapable of correction, or if D-Link determines that it is not practical to repair or replace the defective Hardware, the actual price paid by the original purchaser for the defective Hardware will be refunded by D-Link upon return to D-Link of the defective Hardware. All Hardware or part thereof that is replaced by D-Link, or for which the purchase price is refunded, shall become the property of D-Link upon replacement or refund.

Limited Software Warranty:

D-Link warrants that the software portion of the product ("Software") will substantially conform to D-Link's then current functional specifications for the Software, as set forth in the applicable documentation, from the date of original retail purchase of the Software for a period of ninety (90) days ("Software Warranty Period"), provided that the Software is properly installed on approved hardware and operated as contemplated in its documentation. D-Link further warrants that, during the Software Warranty Period, the magnetic media on which D-Link delivers the Software will be free of physical defects. The customer's sole and exclusive remedy and the entire liability of D-Link and its suppliers under this Limited Warranty will be, at D-Link's option, to replace the non-conforming Software (or defective media) with software that substantially conforms to D-Link's functional specifications for the Software or to refund the portion of the actual purchase price paid that is attributable to the Software. Except as otherwise agreed by DLink in writing, the replacement Software is provided only to the original licensee, and is subject to the terms and conditions of the license granted by D-Link for the Software. Replacement Software will be warranted for the remainder of the original Warranty Period and is subject to the same limitations and exclusions. If a material non-conformance is incapable of correction, or if D-Link determines in its sole discretion that it is not practical to replace the non-conforming Software, the price paid by the original licensee for the non-conforming Software will be refunded by D-Link; provided that the non-conforming Software (and all copies thereof) is first returned to D-Link. The license granted respecting any Software for which a refund is given automatically terminates.

Non-Applicability of Warranty:

The Limited Warranty provided hereunder for Hardware and Software portions of D-Link's products will not be applied to and does not cover any refurbished product and any product purchased through the inventory clearance or liquidation sale or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product and in that case, the product is being sold "As-Is" without any warranty whatsoever including, without limitation, the Limited Warranty as described herein, notwithstanding anything stated herein to the contrary.

Submitting A Claim (USA):

The customer shall return the product to the original purchase point based on its return policy. In case the return policy period has expired and the product is within warranty, the customer shall submit a claim to D-Link as outlined below:

- The customer must submit with the product as part of the claim a written description of the Hardware defect or Software nonconformance in sufficient detail to allow DLink to confirm the same, along with proof of purchase of the product (such as a copy of the dated purchase invoice for the product) if the product is not registered.

- The customer must obtain a Case ID Number from D-Link Technical Support at 1-877-354-6555, who will attempt to assist the customer in resolving any suspected defects with the product. If the product is considered defective, the customer must obtain a Return Material Authorization ("RMA") number by completing the RMA form and entering the assigned Case ID Number at https://rma.dlink.com/.

- After an RMA number is issued, the defective product must be packaged securely in the original or other suitable shipping package to ensure that it will not be damaged in transit, and the RMA number must be prominently marked on the outside of the package. Do not include any manuals or accessories in the shipping package. DLink will only replace the defective portion of the product and will not ship back any accessories.

- The customer is responsible for all in-bound shipping charges to D-Link. No Cash on Delivery ("COD") is allowed. Products sent COD will either be rejected by D-Link or become the property of D-Link. Products shall be fully insured by the customer and shipped to D-Link Systems, Inc., 17595 Mt. Herrmann, Fountain Valley, CA 92708. D-Link will not be held responsible for any packages that are lost in transit to D-Link. The repaired or replaced packages will be shipped to the customer via UPS Ground or any common carrier selected by D-Link. Return shipping charges shall be prepaid by D-Link if you use an address in the United States, otherwise we will ship the product to you freight collect. Expedited shipping is available upon request and provided shipping charges are prepaid by the customer. D-Link may reject or return any product that is not packaged and shipped in strict compliance with the foregoing requirements, or for which an RMA number is not visible from the outside of the package. The product owner agrees to pay D-Link's reasonable handling and return shipping charges for any product that is not packaged and shipped in accordance with the foregoing requirements, or that is determined by D-Link not to be defective or non-conforming.

What Is Not Covered:

The Limited Warranty provided herein by D-Link does not cover:

Products that, in D-Link's judgment, have been subjected to abuse, accident, alteration, modification, tampering, negligence, misuse, faulty installation, lack of reasonable care, repair or service in any way that is not contemplated in the documentation for the product, or if the model or serial number has been altered, tampered with, defaced or removed; Initial installation, installation and removal of the product for repair, and shipping costs; Operational adjustments covered in the operating manual for the product, and normal maintenance; Damage that occurs in shipment, due to act of God, failures due to power surge, and cosmetic damage; Any hardware, software, firmware or other products or services provided by anyone other than D-Link; and Products that have been purchased from inventory clearance or liquidation sales or other sales in which D-Link, the sellers, or the liquidators expressly disclaim their warranty obligation pertaining to the product.

While necessary maintenance or repairs on your Product can be performed by any company, we recommend that you use only an Authorized D-Link Service Office. Improper or incorrectly performed maintenance or repair voids this Limited Warranty.

Disclaimer of Other Warranties:

EXCEPT FOR THE LIMITED WARRANTY SPECIFIED HEREIN, THE PRODUCT IS PROVIDED "AS-IS" WITHOUT ANY WARRANTY OF ANY KIND WHATSOEVER INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT.

IF ANY IMPLIED WARRANTY CANNOT BE DISCLAIMED IN ANY TERRITORY WHERE A PRODUCT IS SOLD, THE DURATION OF SUCH IMPLIED WARRANTY SHALL BE LIMITED TO THE DURATION OF THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. EXCEPT AS EXPRESSLY COVERED UNDER THE LIMITED WARRANTY PROVIDED HEREIN, THE ENTIRE RISK AS TO THE QUALITY, SELECTION AND PERFORMANCE OF THE PRODUCT IS WITH THE PURCHASER OF THE PRODUCT.

Limitation of Liability:

TO THE MAXIMUM EXTENT PERMITTED BY LAW, D-LINK IS NOT LIABLE UNDER ANY CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY FOR ANY LOSS OF USE OF THE PRODUCT, INCONVENIENCE OR DAMAGES OF ANY CHARACTER, WHETHER DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF GOODWILL, LOSS OF REVENUE OR PROFIT, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, FAILURE OF OTHER EQUIPMENT OR COMPUTER PROGRAMS TO WHICH D-LINK'S PRODUCT IS CONNECTED WITH, LOSS OF INFORMATION OR DATA CONTAINED IN, STORED ON, OR INTEGRATED WITH ANY PRODUCT RETURNED TO D-LINK FOR WARRANTY SERVICE) RESULTING FROM THE USE OF THE PRODUCT, RELATING TO WARRANTY SERVICE, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY, EVEN IF D-LINK HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE SOLE REMEDY FOR A BREACH OF THE FOREGOING LIMITED WARRANTY IS REPAIR, REPLACEMENT OR REFUND OF THE DEFECTIVE OR NONCONFORMING PRODUCT. THE MAXIMUM LIABILITY OF D-LINK UNDER THIS WARRANTY IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT COVERED BY THE WARRANTY. THE FOREGOING EXPRESS WRITTEN WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ANY OTHER WARRANTIES OR REMEDIES, EXPRESS, IMPLIED OR STATUTORY.

Governing Law:

This Limited Warranty shall be governed by the laws of the State of California. Some states do not allow exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the foregoing limitations and exclusions may not apply. This Limited Warranty provides specific legal rights and you may also have other rights which vary from state to state.

Trademarks:

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FCC 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 communication. 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 or more 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.

FCC Caution:

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

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.

If this device is going to be operated in 5.15 ~ 5.25GHz frequency range, then it is restricted in indoor environment 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 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

For detailed warranty information applicable to products purchased outside the United States, please contact the corresponding local D-Link office.

Registration

Register your product online at registration.dlink.com

Product registration is entirely voluntary and failure to complete or return this form will not diminish your warranty rights.

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