

# DCS-5020L FW 1.14

The screenshot displays the web interface for the D-Link DCS-5020L camera. The browser address bar shows the URL <http://192.168.10.3/>. The page header includes the product name "DCS-5020L" and the firmware version "1.14". The main navigation menu contains "LIVE VIDEO", "SETUP", "MAINTENANCE", "STATUS", and "HELP".

The interface is divided into several sections:

- Camera:** A sidebar on the left contains a "Logout" button, a camera control pad, and a "Go To" dropdown menu.
- Camera Settings:** The "CAMERA" section includes a "VIDEO COMPRESSION FORMAT" dropdown set to "H.264" and a "LIVE VIDEO" section.
- Live Video:** A central window displays the camera's live feed. The timestamp "01-01-2015 12:12:36 AM" is visible in the top right corner of the video frame.
- Surveillance Controls:** Below the video feed, there are controls for "Zoom" (x1, x2, x3, x4), "Audio" (ON, OFF), and "Night Mode" (ON, OFF).

The footer of the page reads "SURUEILLANCE" and "Copyright 2012 - 2017, D-Link Corporation / D-Link Systems, Inc. All rights reserved."

Product: DCS-5020L Firmware version: 1.14

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DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard

- Network Setup
- Wireless Setup
- Extender Setup
- Dynamic DNS
- Image Setup
- Video
- Audio
- Motion Detection
- Sound Detection
- Mail
- FTP
- Time and Date
- Day/Night Mode
- Camera Control
- Logout

**INTERNET CONNECTION SETTINGS**

In this section, you can setup the IP camera's network interface settings. If you are configuring this device for the first time, D-Link recommends that you click the Internet Connection Setup Wizard button, and follow the instructions on screen. If you wish to modify or configure the IP camera settings manually, click the Manual Internet Connection Setup button.

Internet Connection Setup Wizard Manual Internet Connection Setup

**Helpful Hints..**

If you are an advanced user and have configured an Internet camera before, click 'Manual Internet Connection Setup' to input all the settings manually.

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Product: DCS-5020L Firmware version: 1.14

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**WELCOME TO D-LINK SETUP WIZARD - INTERNET CONNECTION SETUP**

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.

- Step 1: Setup LAN Settings
- Step 2: Setup DDNS Settings
- Step 3: Server Name Settings
- Step 4: Setup Time Zone

Back Next Cancel

Product: DCS-5020L Firmware version: 1.14

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### STEP 1: SETUP LAN SETTINGS

Please select whether your camera will connect to the Internet with a DHCP connection, Static IP address or PPPoE. If your camera is connected to a router, or you are unsure which settings to pick, D-Link recommends that you keep the default selection of DHCP connection. Otherwise, click on Static IP address to manually assign an IP address before clicking on the **Next** button.

DHCP Connection  
 Static IP Address

IP Address   
Subnet Mask   
Default Gateway

PPPoE

User ID   
Password

Primary DNS   
Secondary DNS

Product: DCS-5020L Firmware version: 1.14

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### 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.

Enable  
 Disable

Server Address  <<

Host Name   
User Name   
Password   
Timeout  hours

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### 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

Product: DCS-5020L Firmware version: 1.14

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## STEP 4: SETUP TIME ZONE

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

Current Time 01 Jan 2015 10:16:23 P.M.  
 Time Zone (GMT+10:00) Canberra, Melbourne, Sydney

Back Next Cancel

Product: DCS-5020L Firmware version: 1.14

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## 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	DCS-5020L
Time Zone	(GMT+10:00) Canberra, Melbourne, Sydney
DDNS	Disable

Back Apply Cancel

Product: DCS-5020L

Wizard

Network Setup

Wireless Setup

Extender Setup

Dynamic DNS

Image Setup

Video

Audio

Motion Detection

Sound Detection

Mail

FTP

Time and Date

Day/Night Mode

Camera Control

Logout

**DCS-5020L** // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

### NETWORK SETUP

You can configure your LAN and Internet settings here.

Save Settings Don't Save Settings

#### LAN SETTINGS

DHCP Connection  Static IP Address  PPPoE

IP Address  User ID

Subnet Mask  Password

Default Gateway

Primary DNS

Secondary DNS

#### PORT SETTINGS

HTTP Port

#### UPnP SETTINGS

UPnP  Enable  Disable

UPnP Port Forwarding  Enable  Disable

#### BONJOUR SETTINGS

Bonjour  Enable  Disable

Bonjour Name   
 (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-5020L 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-5020L default video transfer port) for their residential customers, the DCS-5020L has the ability to use a different port by

http://192.168.10.3/wireless.htm

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DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard

Network Setup

Wireless Setup

Extender Setup

Dynamic DNS

Image Setup

Video

Audio

Motion Detection

Sound Detection

Mail

FTP

Time and Date

Day/Night Mode

Camera Control

Logout

## WIRELESS SETUP

In this section, you can configure the wireless settings of your camera.

Save Settings Don't Save Settings

## WIRELESS SETTINGS

Enable Wireless

SSID D-Link DSL-4320L

Channel 6

Connection Mode  Infrastructure  Ad-Hoc

Site survey

## WIRELESS SECURITY MODE

Security Mode  None  WEP  WPA-PSK / WPA2-PSK

## WPA-PSK / WPA2-PSK SETTINGS

Pre-Shared Key \*\*\*\*\* (8-63 ASCII or 64 HEX characters)

Save Settings Don't Save Settings

**Helpful Hints..**

You may enable the wireless setting on your camera and connect to a wireless network by entering the SSID (unique name of your wireless network), or click the Site Survey button to select an available wireless network. Then you may choose a channel number. When there is interference from the wireless networks that overlap with one another, you may change the channel to obtain maximum performance from your connection.

There are two connection modes. Infrastructure is a wireless connection using an access point as the transmission point of all wireless devices. Ad-Hoc is a wireless connection used without an access point, which connects the PC directly to the DCS-5020L.

For security there are three choices of wireless encryption. None, WEP, and WPA-PSK / WPA2-PSK. Select the same

http://192.168.10.3/extwlan.htm

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Product: DCS-5020L Firmware version: 1.14

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard

Network Setup

Wireless Setup

Extender Setup

Dynamic DNS

Image Setup

Video

Audio

Motion Detection

Sound Detection

Mail

FTP

Time and Date

Day/Night Mode

Camera Control

Logout

## EXTENDER SETUP

In this section, you can configure the wireless extender feature of your camera, which allows you to extend the range of an existing wireless network. You can choose to keep the same wireless network name for the extended network, or you can create a new one.

Please note that you must be connected to another wireless network through the [Wireless Setup](#) page in order to use Extender Mode and configure these settings.

Save Settings Don't Save Settings

## EXTENDED WIRELESS NETWORK SETTINGS

Enable Extender Mode

Host Wireless Network Name D-Link DSL-4320L

Extended Wireless Network Name (SSID)  Same as Host Wireless Network Name  Create a new Wireless Network Name

Maximum clients allowed to connect 3

Save Settings Don't Save Settings

**Helpful Hints..**

For security there are three choices of wireless encryption. None, WEP, and WPA-PSK / WPA2-PSK. Select the same encryption method that is being used by your wireless device / router. If you have selected WPA-PSK or WPA2-PSK setting, you may need to enter the appropriate Pre-Shared Key in order to connect to the wireless network.

Product: DCS-5020L Firmware version: 1.14

# D-Link

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
Network Setup  
Wireless Setup  
Extender Setup  
Dynamic DNS  
Image Setup  
Video  
Audio  
Motion Detection  
Sound Detection  
Mail  
FTP  
Time and Date  
Day/Night Mode  
Camera Control  
Logout

## DYNAMIC DNS

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.

Save Settings Don't Save Settings

### DYNAMIC DNS SETTINGS

Enable  Disable

Server Address  << Select Dynamic DNS Server

Host Name

User Name

Password

Timeout 576 hours

Save Settings Don't Save Settings

Helpful Hints...  
Dynamic DNS is useful if you have a DSL or Cable service provider that changes your modem IP address periodically. This will allow you to assign a website domain name to your camera instead of connecting through an IP address.

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Product: DCS-5020L Firmware version: 1.14

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DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
Network Setup  
Wireless Setup  
Extender Setup  
Dynamic DNS  
Image Setup  
Video  
Audio  
Motion Detection  
Sound Detection  
Mail  
FTP  
Time and Date  
Day/Night Mode  
Camera Control  
Logout

## IMAGE SETUP

In this section, you can configure the image settings for your camera.

Save Settings Don't Save Settings

### IMAGE SETTINGS

Enable Anti Flicker

Flip Image

Mirror

Brightness Control +0

Contrast Control +0

Saturation Control +0

Save Settings Don't Save Settings

Helpful Hints...  
**Anti Flicker** - This feature will help to offset the interference of the lighting system and avoid the image flicker issue. ONLY use this option when it is necessary.  
**Flip Image** - Flip the image vertically.  
**Mirror** - Flip the image horizontally.  
**Brightness, Contrast, or Saturation Control** - There are 11 settings (-5 to 5).  
**Note:** Please wait a few seconds for the camera to adjust the image after the setting has been selected.

SURVEILLANCE

Product: DCS-5020L Firmware version: 1.14

# D-Link

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
Network Setup  
Wireless Setup  
Extender Setup  
Dynamic DNS  
Image Setup  
Video  
Audio  
Motion Detection  
Sound Detection  
Mail  
FTP  
Time and Date  
Day/Night Mode  
Camera Control  
Logout

## VIDEO

In this section, you can configure the camera video quality, resolution, and frame rate.

Save Settings Don't Save Settings

### VIDEO PROFILE

Encode Type	Resolution	Bit Rate	Frame Rate
H.264	640 x 480	2 Mbps	30
Encode Type	Resolution	Jpeg Quality	Frame Rate
MJPEG	640 x 480	Medium	Auto

Default View Mode : H.264

### LIGHT FREQUENCY

50 Hz  60 Hz  Auto

Save Settings Don't Save Settings

### Helpful Hints..

**Resolution** - 3 settings are available.  
 1. QVGA @ 160x112 - Usually used for display on handheld devices.  
 2. QVGA @ 320x240 - Standard resolution for mobile phones, and PDAs  
 3. VGA @ 640x480 - Standard resolution for computer display.

**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.

**Jpeg Quality** - Default value is Medium.

Product: DCS-5020L Firmware version: 1.14

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DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
Network Setup  
Wireless Setup  
Extender Setup  
Dynamic DNS  
Image Setup  
Video  
Audio  
Motion Detection  
Sound Detection  
Mail  
FTP  
Time and Date  
Day/Night Mode  
Camera Control  
Logout

## AUDIO

In this section, you can configure the audio settings for your camera.

Save Settings Don't Save Settings

### AUDIO SETTINGS

Enable  Disable

### VOLUME SETTINGS

80

Save Settings Don't Save Settings

### Helpful Hints..

**Audio Settings** - Enabling this feature to hear audio from the IP Camera's microphone.

**Volume Settings** - You can adjust the IP Camera's microphone volume using the volume level setting.

- Wizard
- Network Setup
- Wireless Setup
- Extender Setup
- Dynamic DNS
- Image Setup
- Video
- Audio
- Motion Detection
- Sound Detection
- Mail
- FTP
- Time and Date
- Day/Night Mode
- Camera Control
- Logout

**MOTION DETECTION**

In this section, you can configure the motion detection settings for your camera.

Please note that your computer needs to have Java installed in order to view the motion detection configuration window. If you do not see the live video below, please visit <http://www.java.com> to download and install Java.

Save Settings Don't Save Settings

**MOTION DETECTION SETTINGS**

Motion Detection  Enable  Disable

Time

Always

Schedule

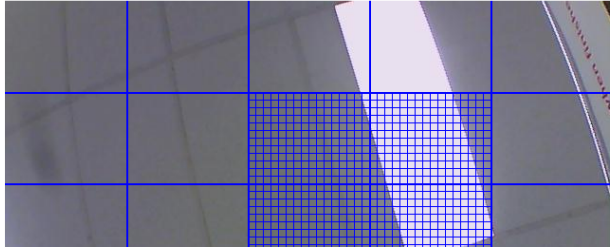
Day  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period Start : 00:00:00 (Example : 06:30:00)

Stop : 00:00:00 (Example : 22:30:00)

Sensitivity  % (0~100%, high sensitivity makes the motions easier to be detected.)

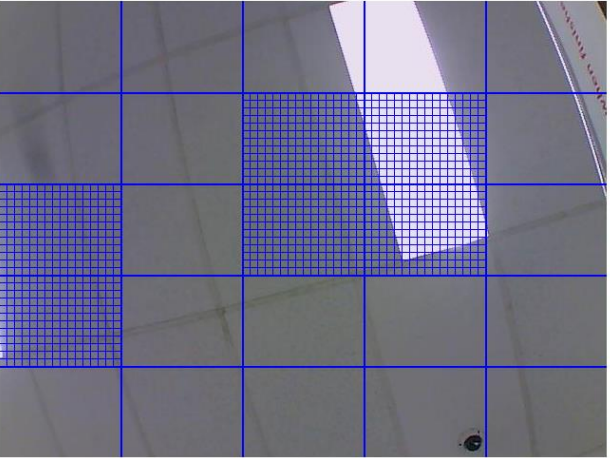
Detection Areas Use mouse to click the blocks where you want to monitor for motion.



- Time and Date
- Day/Night Mode
- Camera Control
- Logout

Sensitivity  % (0~100%, high sensitivity makes the motions easier to be detected.)

Detection Areas Use mouse to click the blocks where you want to monitor for motion.





Browser: http://192.168.10.3/sounddb.htm

Navigation: LIVE VIDEO | **SETUP** | MAINTENANCE | STATUS | HELP

Left Menu: Wizard, Network Setup, Wireless Setup, Extender Setup, Dynamic DNS, Image Setup, Video, Audio, Motion Detection, **Sound Detection**, Mail, FTP, Time and Date, Day/Night Mode, Camera Control, Logout

### SOUND DETECTION

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.

Buttons: Save Settings | Don't Save Settings

#### SOUND DETECTION SETTINGS

Sound Detection:  Enable  Disable

Time:  Always

Schedule

Day:  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period: Start: 00:00:00 (Example: 06:30:00) | Stop: 00:00:00 (Example: 22:30:00)

Detection Level: 90 dB

Time

Browser: http://192.168.10.3/email.htm

Navigation: LIVE VIDEO | **SETUP** | MAINTENANCE | STATUS | HELP

Left Menu: Wizard, Network Setup, Wireless Setup, Extender Setup, Dynamic DNS, Image Setup, Video, Audio, Motion Detection, Sound Detection, **Mail**, FTP, Time and Date, Day/Night Mode, Camera Control, Logout

### MAIL

This section allows you to setup and configure the email notification settings for your camera. If your details change or you are experiencing issues with alert notifications, you may need to modify these settings.

Buttons: Save Settings | Don't Save Settings

#### E-MAIL ACCOUNT

SMTP Server Address:

SMTP Server Port: 25 (Default is 25)

Sender E-mail Address:

Receiver E-mail Address:

User Name:

Password:

Use SSL-TLS/STARTTLS:  No  SSL-TLS  STARTTLS

#### TIME SCHEDULE

Enable the emailing of images to an email account

Always

Schedule

Day:  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period: Start: 00:00:00 (Example: 06:30:00) | Stop: 00:00:00 (Example: 22:30:00)

Motion/Sound Detection

E-mail frame immediately

E-mail attached with 6 frames (3 frames before and 3 frames after detection)

Frame interval time: 1 second

#### Helpful Hints...

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

**Sender E-mail Address:** This is the email address of the person sending the camera snapshots.

**Receiver E-mail Address:** This is the email address of recipient for the SMTP server.

**User Name:** The user name of your email account.

**Password:** The password of your email account.

**Use SSL-TLS/STARTTLS:** Select SSL-TLS or STARTTLS if SMTP server requires TLS authentication.

**Enable the emailing of images to an email account:** Select Always to enable the camera to always send images to the recipient's email account. Select Schedule if you would like to specify the time and day when the camera will start and stop sending images to the

E-mail Interval  Seconds

Enable the emailing of video clip to an email account

Always

Schedule

Day  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period Start :  (Example : 06:30:00)

Stop :  (Example : 22:30:00)

Motion/Sound Detection

E-mail Interval  Seconds

Video Limit : Size  KBytes (max is 3072 KBytes)

Time  Seconds (max is 15 Seconds)

**TEST E-MAIL ACCOUNT**

A test e-mail will be sent to the e-mail account listed above.

Recipient's email account:  
The interval of the snapshot can be configured from 1 to 65535 seconds.  
Select **Motion/Sound Detection** if you would like the camera to send images to the recipient's email account only when motion/sound is detected.

Enable the emailing of video clip to an email account:  
Select **Always** to enable the camera to always send video clip to the recipient's email account.  
Select **Schedule** if you would like to specify the time and day when the camera will start and stop sending video clip to the recipient's email account.  
The interval of the video clip can be configured from 1 to 65535 seconds.  
Select **Motion/Sound Detection** if you would like the camera to send video clip to the recipient's email account only when

http://192.168.10.3/upload.htm

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DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard

Network Setup

Wireless Setup

Extender Setup

Dynamic DNS

Image Setup

Video

Audio

Motion Detection

Sound Detection

Mail

FTP

Time and Date

Day/Night Mode

Camera Control

Logout

**FTP**

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

**FTP SERVER**

Host Name

Port  (Default is 21)

User Name

Password

Path

Passive Mode  Yes  No

**TIME SCHEDULE**

Enable uploading of images to an FTP server

Always

Schedule

Day  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period Start :  (Example : 06:30:00)

Stop :  (Example : 22:30:00)

Motion/Sound Detection

Image Frequency  1 Frames/Second

1 Seconds/Frame

Base File Name

File  Overwrite

Date/Time Suffix

Create subfolder by

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.

**Enable uploading of images to an FTP server:**  
Checking this box will enable the camera to upload images to FTP server shown above. Select **Always** to enable the camera to always upload images to the FTP server. Select **Schedule** if you would like to specify the time and day when the camera starts and stops uploading images to the FTP server. Select **Motion/Sound Detection** if you would like the camera to upload images to the FTP server.

http://192.168.10.3/upload.htm

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File  Overwrite

Date/Time Suffix

Create subfolder by

Sequence Number Suffix Up to

Enable uploading of video clip to an FTP server

Always

Schedule

Day  Mon  Tue  Wed  Thu  Fri  Sat  Sun

Time Period Start :  (Example : 06:30:00)

Stop :  (Example : 22:30:00)

Motion/Sound Detection

File Name Prefix

Video Limit : Size  KBytes (max is 3072 KBytes)

Time  Seconds (max is 15 Seconds)

**TEST FTP SERVER**

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

FTP server.  
Select **Motion/Sound Detection** if you would like the camera to upload images to the FTP server only when motion/sound is detected.

**Image Frequency -** User can choose and define the numbers for both **Frames/Second** and **Seconds/Frame**.

**Base File Name -** The name that contains the time stamp information. For example DCS-5020L\_2012072116425101.jpg. This means that the camera took a snapshot in the year 2012, July 21 at 16:42:51 (hour:min:sec) and 01 represents the 1st picture.

**File -** Select **Overwrite** and only one image filename is constantly refreshed. Select **Date/Time Suffix** and the pictures will be named with a date and time (refer to **Base File Name**). Enable the **Create subfolder** function to have the camera auto

http://192.168.10.3/time.htm

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
 Network Setup  
 Wireless Setup  
 Extender Setup  
 Dynamic DNS  
 Image Setup  
 Video  
 Audio  
 Motion Detection  
 Sound Detection  
 Mail  
 FTP  
 Time and Date  
 Day/Night Mode  
 Camera Control  
 Logout

**TIME AND DATE**

The Time Configuration option allows you to configure, update, and maintain the internal system clock. In this section you can set the time zone the camera is in, and set the NTP (Network Time Protocol) Server.

Save Settings Don't Save Settings

**TIME CONFIGURATION**

Current Time 01 Jan 2015 10:41:16 P.M.  
 Time Zone (GMT+10:00) Canberra, Melbourne, Sydney

**AUTOMATIC TIME CONFIGURATION**

Synchronize NTP Server   
 NTP Server Used << Select NTP Server >>  
 Daylight Saving  Enable  Disable  
 Offset : +1:00

	Month	Week	Day of Week	Time
Start	Jan	1st	Sun	12 am
End	Jan	1st	Sun	12 am

**SET THE DATE AND TIME MANUALLY**

Year 2015 Month 1 Day 1  
 Hour 22 Minute 41 Second 7

Copy Your Computer's Time Settings

Save Settings Don't Save Settings

**Helpful Hints...**

**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**.

http://192.168.10.3/night.htm

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Wizard  
 Network Setup  
 Wireless Setup  
 Extender Setup  
 Dynamic DNS  
 Image Setup  
 Video  
 Audio  
 Motion Detection  
 Sound Detection  
 Mail  
 FTP  
 Time and Date  
 Day/Night Mode  
 Camera Control  
 Logout

**DAY/NIGHT MODE**

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 & white.

Save Settings Don't Save Settings

**DAY/NIGHT MODE SETTINGS**

Day/Night Mode  Auto  
 Manual  
 Always Day Mode  
 Always Night Mode  
 Day Mode Schedule

Mon	: 00:00	~ 00:00	(Example : 08:00 ~ 18:30)
Tue	: 00:00	~ 00:00	(Example : 08:00 ~ 18:30)
Wed	: 00:00	~ 00:00	(Example : 08:00 ~ 18:30)
Thu	: 00:00	~ 00:00	(Example : 08:00 ~ 18:30)
Fri	: 00:00	~ 00:00	(Example : 08:00 ~ 18:30)
Sat	: 00:00	~ 00:00	(Example : 00:00 ~ 00:00)
Sun	: 00:00	~ 00:00	(Example : 00:00 ~ 24:00)

Save Settings Don't Save Settings

**Helpful Hints...**

**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 time configured in the schedule. The camera changes to Night mode during all other times. The example displayed on the right side of the Mon/Tue/Wed/Thu/Fri/Sat/Sun fields mean that the camera works in Day mode from 08:00 to 18:30 on Monday, Tuesday, Wednesday, Thursday and Friday, works in Night mode for all of Saturday, and works in Day mode for all of Sunday.

Browser: http://192.168.10.3/ptzsetup.htm | D-LINK | D-Link Corporation, | WIREL... x

<b>DCS-5020L</b>	<b>LIVE VIDEO</b>	<b>SETUP</b>	<b>MAINTENANCE</b>	<b>STATUS</b>	<b>HELP</b>
------------------	-------------------	--------------	--------------------	---------------	-------------


- Wizard
- Network Setup
- Wireless Setup
- Extender Setup
- Dynamic DNS
- Image Setup
- Video
- Audio
- Motion Detection
- Sound Detection
- Mail
- FTP
- Time and Date
- Day/Night Mode
- Camera Control**
- Logout


### CAMERA CONTROL

In this section, you can set or clear the camera preset positions.

Please note that your computer needs to have Java installed in order to view the video window. If you do not see the live video below, please visit <http://www.java.com> to download and install Java.

#### PRESET POSITION SETTING





Home Definition

Set As Home

Default Home

Pan Step

Tilt Step

Preset Position

Preset Name

**Helpful Hints...**

**Pan Tilt Control:**  
You can control the camera lens position by clicking the Up/Down/Left/Right/Left-up/Left-down/Right-up/Right-down arrow buttons. Clicking the Home button will move the lens to the original home position.

**Home Definition:**  
Allow you to set a new 'Home' position or default back to the original position.

**Pan Step:**  
This is used to control the step at which the camera is moved using the Pan feature.

**Tilt Step:**  
This is used to control the step at which the camera is moved using the Tilt feature.

**Set Preset Position:**  
Move the camera to a desired position, select a Preset Position and input Preset Name, and then clicking Set will set current.

Browser: http://192.168.10.3/advanced.htm | D-LINK | D-Link Corporation, | WIREL... x

<b>DCS-5020L</b>	<b>LIVE VIDEO</b>	<b>SETUP</b>	<b>MAINTENANCE</b>	<b>STATUS</b>	<b>HELP</b>
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- Admin**
- System
- Firmware Upgrade
- Logout

### ADMIN

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).

#### ADMIN PASSWORD SETTING

Old Password

New Password

Retype Password

#### SERVER SETTING

Camera Name

LED Control  Normal  Off

User Access Control  Enable  Disable

Snapshot URL Authentication  Enable  Disable (<http://192.168.10.3/image/jpeg.cgi>)

OSD Time

Color

#### ADD USER ACCOUNT

User Name

Password

Retype Password

#### USER LIST

no.	name	modify	delete

**Helpful Hints...**

For security reasons, it is recommended that you change the Password for the Administrator account. Be sure to write down the new Login Names and Passwords to avoid having to reset the camera in the event that they are forgotten.

Product: DCS-5020L Firmware version: 1.14

# D-Link

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Admin System Firmware Upgrade Logout

## SYSTEM

Here you can save and restore your configuration, restore the factory settings, and/or restart the camera.

Save To Local Hard Drive

Load From Local Hard Drive

Restore To Factory Default

Reboot The Device

**Helpful Hints..**  
 After finishing the configuration settings for your camera, you can save them to your hard drive for future use.  
 You can locate a previously saved file and restore the configuration settings on your camera. You can also choose to reset your camera by restoring the factory default settings.

Product: DCS-5020L Firmware version: 1.14

# D-Link

DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Admin System Firmware Upgrade Logout

## FIRMWARE UPGRADE

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 : 1.14.09  
 Current Firmware Date : 2016-11-04  
 Current Agent Version : 2.1.0-b43

### FIRMWARE UPGRADE

File Path :

**Helpful Hints..**  
 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.

Browser: http://192.168.10.3/stsdev.htm | D-LINK | D-Link Corporation. | WIREL... x

Product: DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Device Info: **DEVICE INFO**

Active User: All of your network connection details are displayed on this page. The firmware version is also displayed here.

Logout

Helpful Hints...: All of your network connection details are displayed on this page.

**BASIC INFORMATION**

Camera Name	DCS-5020L
Time & Date	01 Jan 2015 10:47:24 P.M.
Firmware Version	1.14.09 (2016-11-04)
Hardware Version	A
Agent Version	2.1.0-b43
MAC Address	28 10 7B 08 86 6A
IP Address	192.168.10.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.10.254
Primary DNS	192.168.10.254
Secondary DNS	0.0.0.0
DDNS	Disable
UPnP Port Forwarding	Disable
FTP Server Test	No test conducted.
E-mail Test	No test conducted.

**WIRELESS STATUS**

Connection Mode	Infrastructure
Link	Yes
SSID	D-Link DSL-4320L (MAC : 6C 72 20 3F 5D 8C)
Channel	11
Encryption	WPA2-PSK:AE5
Wireless Client List	<a href="#">Wireless Client List</a>

Refresh

Browser: http://192.168.10.3/stsuser.htm | D-LINK | D-Link Corporation. | WIREL... x

Product: DCS-5020L // LIVE VIDEO SETUP MAINTENANCE STATUS HELP

Firmware version: 1.14

**D-Link**

Device Info: **ACTIVE USER**

Active User: This page lists active user information, including user name, IP address and the initial access time.

Logout

Helpful Hints...: All of the active users are listed on this page. The time information indicates the time that each user started accessing the camera.

**USER LIST**

no.	user name	IP address	time

Refresh