

How to Setup Camera as Extender / Repeater:

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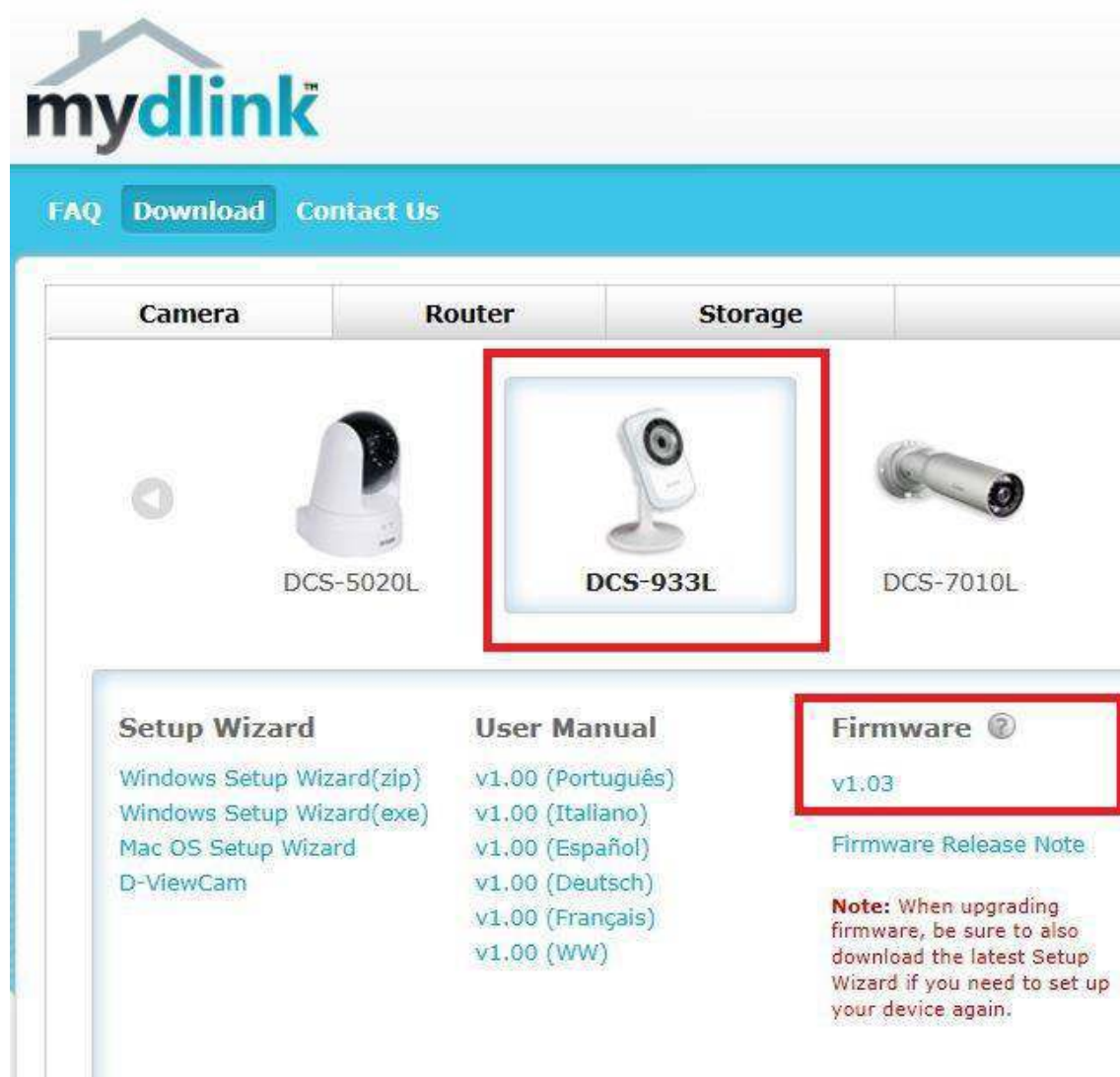
System Requirements:

IE9 above (We Recommend IE)

Before continuing with the configuration of setting up “Extender / Repeater Mode”, it is recommended to check the firmware of the camera.

How to check Updates:

<https://eu.mydlink.com/support>



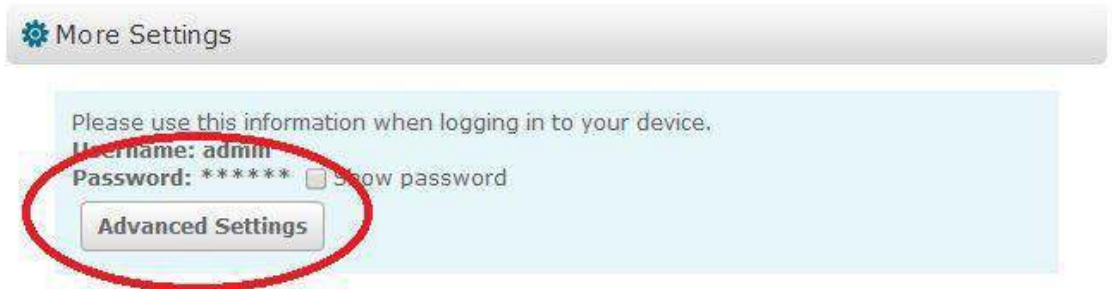
When installing the camera with the wizard, the setup will detect an update and prompt you for instructions to upgrade. If this is not the case, to check if you're DCS-932L has the latest firmware. You have two options:

1. Open a browser (We recommend IE) – enter the IP of the camera and login



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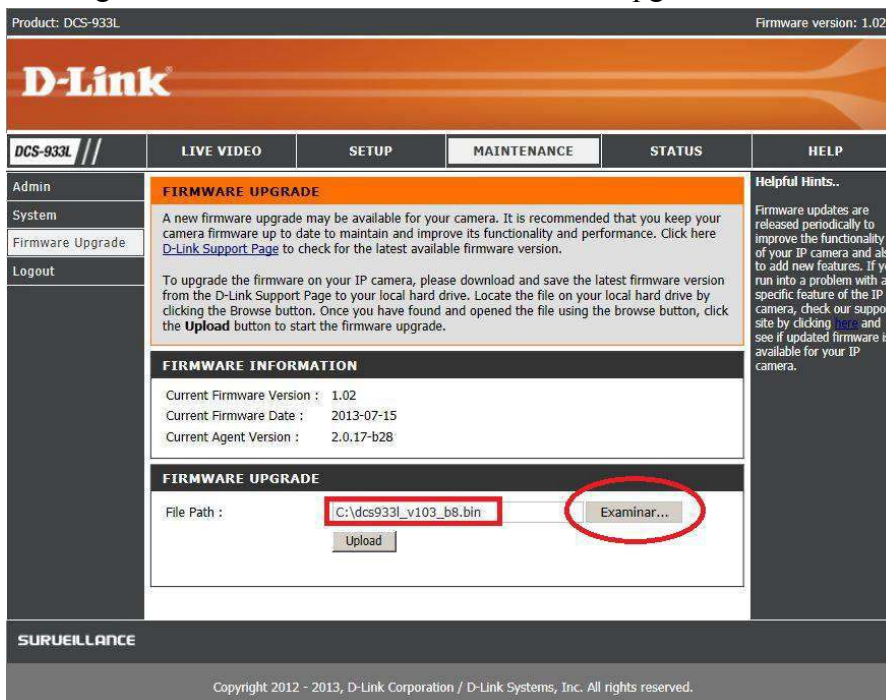
- Using your MyDlink Account – Click on “Advanced Setting” – You will automatically be re-directed to the login page.



The above image illustrates the “Firmware Version” the DCS-932L is not the same you can see in MyDlink (at the time of creating this document).

- Firmware Version: 1.03

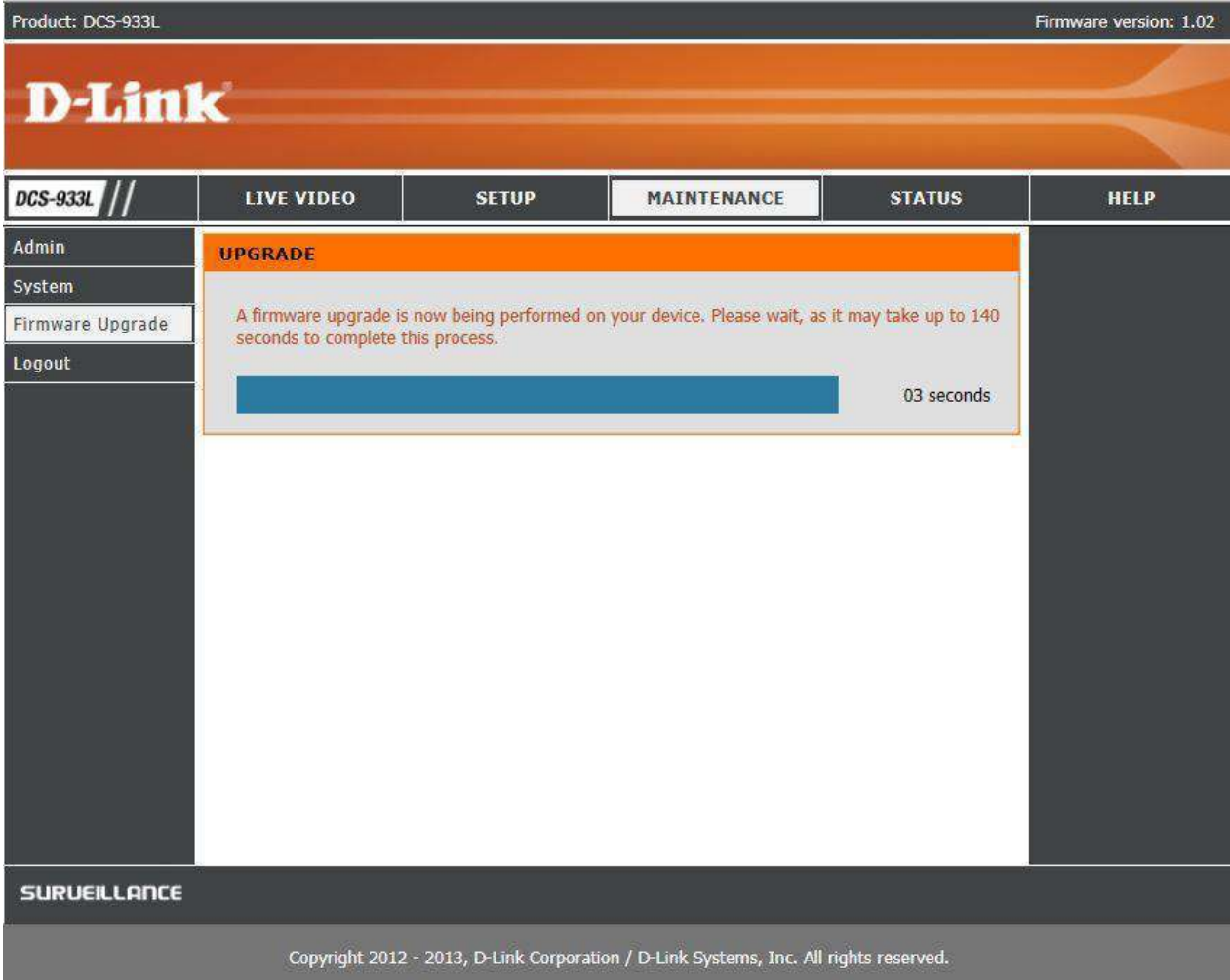
To update the firmware, download the “Firmware” from MyDlink – Save it to a safe place. Unzip the file then go to “MAINTENANCE” – “Firmware Upgrade”



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Click on “Search” to find the firmware that you downloaded. Once selected, click on “Up-



load”

The above screen will be shown. Once complete, the below screen will be shown.



You should see that in the top right-hand corner of the screen a change in “Firmware Version”



Before continuing, it may be advisable to check some configurations in order to get best results when setting the repeater mode.

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It is recommended that the DCS-933L is set in “Static IP Address” – Go to “SETUP” – “Network Setup” – “LAN SETTINGS”

Product: DCS-933L Firmware version: 1.03

D-Link

DCS-933L // 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
 Logout

NETWORK SETUP
 You can configure your LAN and Internet settings here.
 Save Settings Don't Save Settings

LAN SETTINGS
 DHCP Connection Static IP Address PPPoE
 IP Address: 192.168.1.81 User ID:
 Subnet Mask: 255.255.255.0 Password:
 Default Gateway: 192.168.1.1
 Primary DNS: 8.8.8.8
 Secondary DNS:

PORT SETTINGS
 HTTP Port: 80

UPnP SETTINGS
 UPnP: Enable Disable
 UPnP Port Forwarding: Enable Disable

BONJOUR SETTINGS
 Bonjour: Enable Disable
 Bonjour Name: DCS-933L
 (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-933L 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-933L default video transfer port) for their residential customers, the DCS-933L has the ability to use a different port by enabling the second http port for its video streaming. Any unused ports can be used such as port 800, 801, etc. Remember that if the DCS-

Give the settings appropriate to your network. Next, go to “Wireless Setup” – “WIRELESS SETTINGS” – “Enable Wireless” – this should be enabled. Click on “Site Survey” – this will scan for wireless networks.

SITE SURVEY

This will scan and display all the available wireless networks surrounding your device. Click **Refresh** to rescan. Select a wireless network and then click **Select** to proceed.


Refresh Select Exit

Join	SSID	BSSID	Channel	Encryption	Signal %
<input type="radio"/>	WEBINAR	AC F1 DF 04 55 92	2	WPA-PSK/WPA2-PSK	100

Find the SSID that matches your own wireless network, select it then click on “Select” then “Save Settings”

Once all the above has been completed, we can continue to configure the “Repeater Mode”

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The screenshot shows the D-Link camera's web interface. At the top, it displays 'Product: DCS-933L' and 'Firmware version: 1.03'. The main navigation bar includes 'DCS-933L //', 'LIVE VIDEO', 'SETUP', 'MAINTENANCE', 'STATUS', and 'HELP'. The left sidebar lists various setup options: 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, and Logout. The main content area is titled 'EXTENDER SETUP' and contains the following sections:

- EXTENDER SETUP**: A text box explains that users can configure the wireless extender feature to extend an existing wireless network. It includes a note: '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.' Below this are 'Save Settings' and 'Don't Save Settings' buttons.
- EXTENDED WIRELESS NETWORK SETTINGS**: This section includes:
 - 'Enable Extender Mode' with a checked checkbox.
 - 'Host Wireless Network Name' with a text field containing 'dlink'.
 - 'Extended Wireless Network Name (SSID)' with two radio button options: 'Same as Host Wireless Network Name' (unselected) and 'Create a new Wireless Network Name' (selected).
 - A text field for the new SSID containing 'dlink-B396'.
 - 'Maximum clients allowed to connect' with a dropdown menu set to '3'.
- EXTENDED WIRELESS NETWORK SECURITY**: This section includes:
 - 'Security Mode' with three radio button options: 'None' (unselected), 'WEP' (unselected), and 'WPA-PSK / WPA2-PSK' (selected).
 - WPA-PSK / WPA2-PSK SETTINGS**: A section with a 'Pre-Shared Key' text field containing eight dots and a note '(8-63 ASCII or 64 HEX characters)'.
 - 'Save Settings' and 'Don't Save Settings' buttons at the bottom.

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

Click on "SETUP" – "Extender Setup" and configure as follows:

Enable Extender Mode – Should be selected

Host Wireless Network Name – will have "dlink" as default

Extended Wireless Network Name (SSID) – You can connect to you existing Wireless Network SSID, but we recommend to give a new SSID (for purposes of identifying each SSID at a later point in time) so;

Create a new Wireless Network Name – Should be selected.

Maximum clients allowed to connect – Select between 1 to 5 clients that are permitted to connect using this SSID at any given time

Select the type of "EXTENDED WIRELESS NETWORK SECURITY" – Security Mode – **WPA-PSK / WPA2-PSK** (Recommended)

In "WPA-PSK / WPA2-PSK SETTINGS" – Enter a "Pre-Shared Key" – This can be different to your Pre-Shared key of your existing Wireless Network.

Finally, click on "Save Settings"

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Note: Remember when placing the camera in its final destination, that there is a good wireless signal. This way, you can ensure sufficient amount of signal given from existing wireless network to extend it to another wireless client i.e. laptop, smartphone.