

WIRELESS

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How to update the firmware in DIR-506L



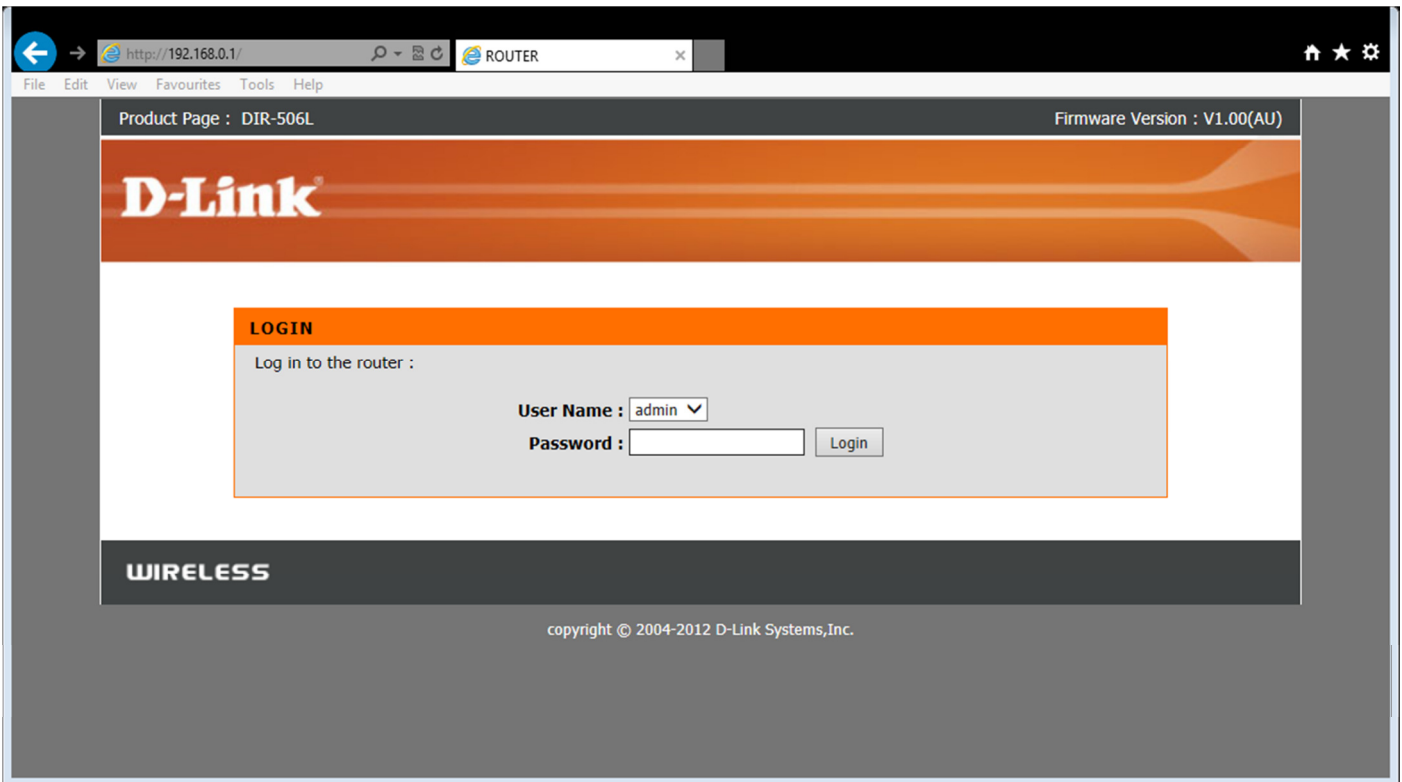
You may download the latest firmware for DIR-506L from the following hyperlink.

http://www.dlink.com.au/tech/download/download.aspx?product=DIR-506L&revision=REV_A&filetype=Firmware

Right click on [DOWNLOAD] link for the latest firmware version and click on [Save target as...] or [Save Link As...] then save the file into a location in your computer which you are familiar with.

Connect your computer directly with the DIR-506L using an Ethernet cable.

1. Open your Internet Browser and in the URL field type in <http://192.168.0.1>.



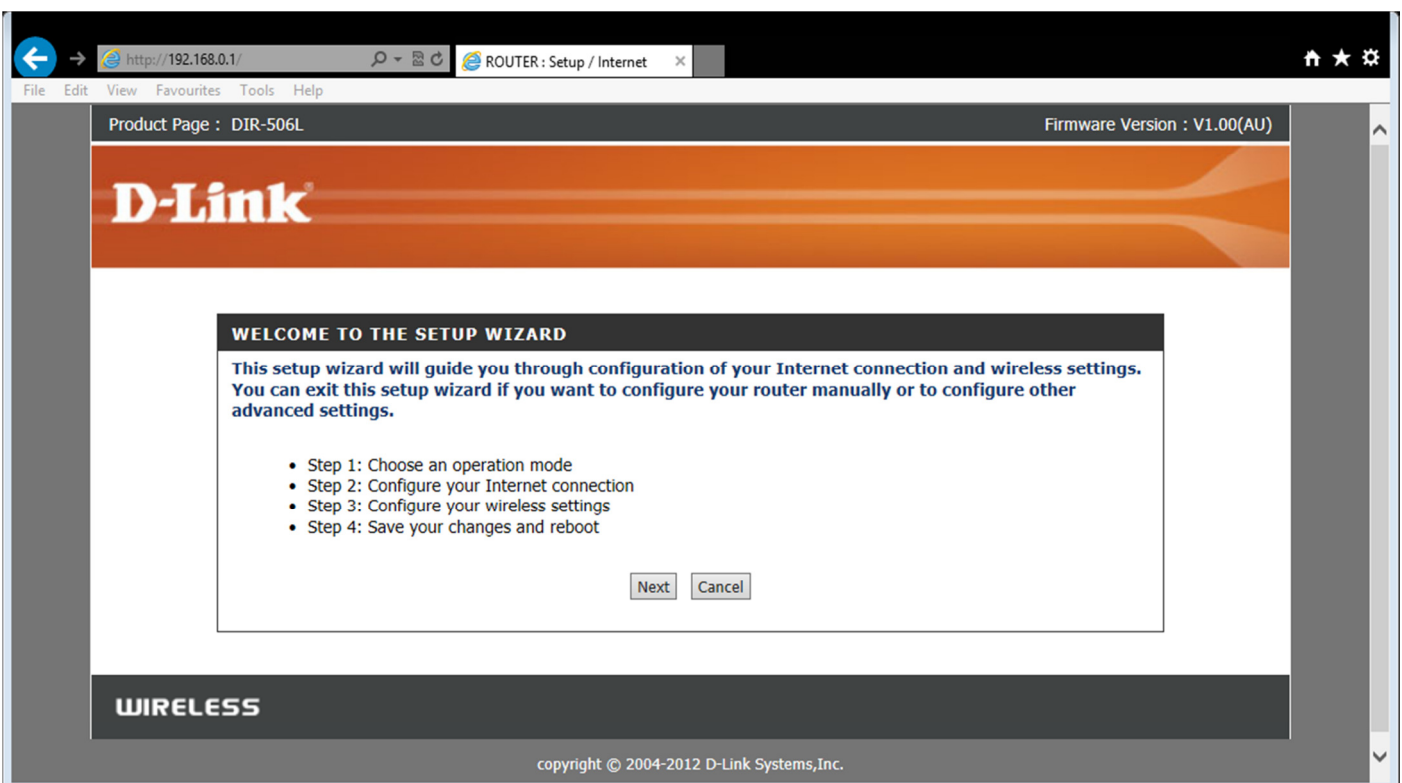
2. Type in the default Username and Password then click on the "Login" button. These values are provided below:

Username: admin

Password: blank (nothing)

3. You should now be presented with the DIR-506L Web Configuration Page.

If this is the first time that you are logging into the Web Configuration Page, the unit will present you with the Setup Wizard. Please click on [Cancel] button to go to the firmware upgrade section instead of setup wizard.



The screenshot shows the 'Internet Connection' page in the D-Link DIR-506L router's web interface. The browser address bar shows 'http://192.168.0.1/'. The page title is 'Product Page : DIR-506L' and the firmware version is 'V1.00(AU)'. The main navigation menu includes 'DIR-506L Router', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The left sidebar has 'INTERNET', 'WIRELESS SETTINGS', 'NETWORK SETTINGS', and 'STORAGE'. The 'Internet Offline' status is shown with a 'Reboot' button. The main content area is titled 'INTERNET CONNECTION' and contains the following sections:

- INTERNET CONNECTION**: A text box stating, "There are two ways to set up your Internet connection: you can use the Web-based Internet Connection Setup Wizard, or you can manually configure the connection."
- INTERNET CONNECTION SETUP WIZARD**: A section with a text box: "If you would like to utilize our easy to use Web-based Wizard to assist you in connecting your Router to the Internet, click on the button below." Below this is a button labeled 'Internet Connection Setup Wizard'. A note follows: "Note : Before launching the wizard, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package."
- MANUAL INTERNET CONNECTION OPTIONS**: A section with a text box: "If you would like to configure the Internet settings of your Router manually, then click on the button below." Below this is a button labeled 'Manual Internet Connection Setup'.

The right sidebar contains 'Helpful Hints..' with two bullet points:

- If you are new to networking and have never configured a router before, click on **Internet Connection Setup Wizard** and the router will guide you through a few simple steps to get your network up and running.
- If you consider yourself an advanced user and have configured a router before, click **Manual Internet Connection Setup** to Input all the settings manually.

 A 'More...' link is also present.

4. Click on [TOOLS] > [FIRMWARE] to access the FIRMWARE UPGRADE page.

The screenshot shows the 'FIRMWARE UPGRADE' page in the D-Link DIR-506L router's web interface. The browser address bar shows 'http://192.168.0.1/'. The page title is 'Product Page : DIR-506L' and the firmware version is 'V1.00(AU)'. The main navigation menu includes 'DIR-506L Router', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The left sidebar has 'ADMIN', 'TIME', 'SYSLOG', 'EMAIL SETTINGS', 'SYSTEM', 'FIRMWARE', 'DYNAMIC DNS', 'SYSTEM CHECK', and 'SCHEDULES'. The 'Internet Offline' status is shown with a 'Reboot' button. The main content area is titled 'FIRMWARE UPGRADE' and contains the following sections:

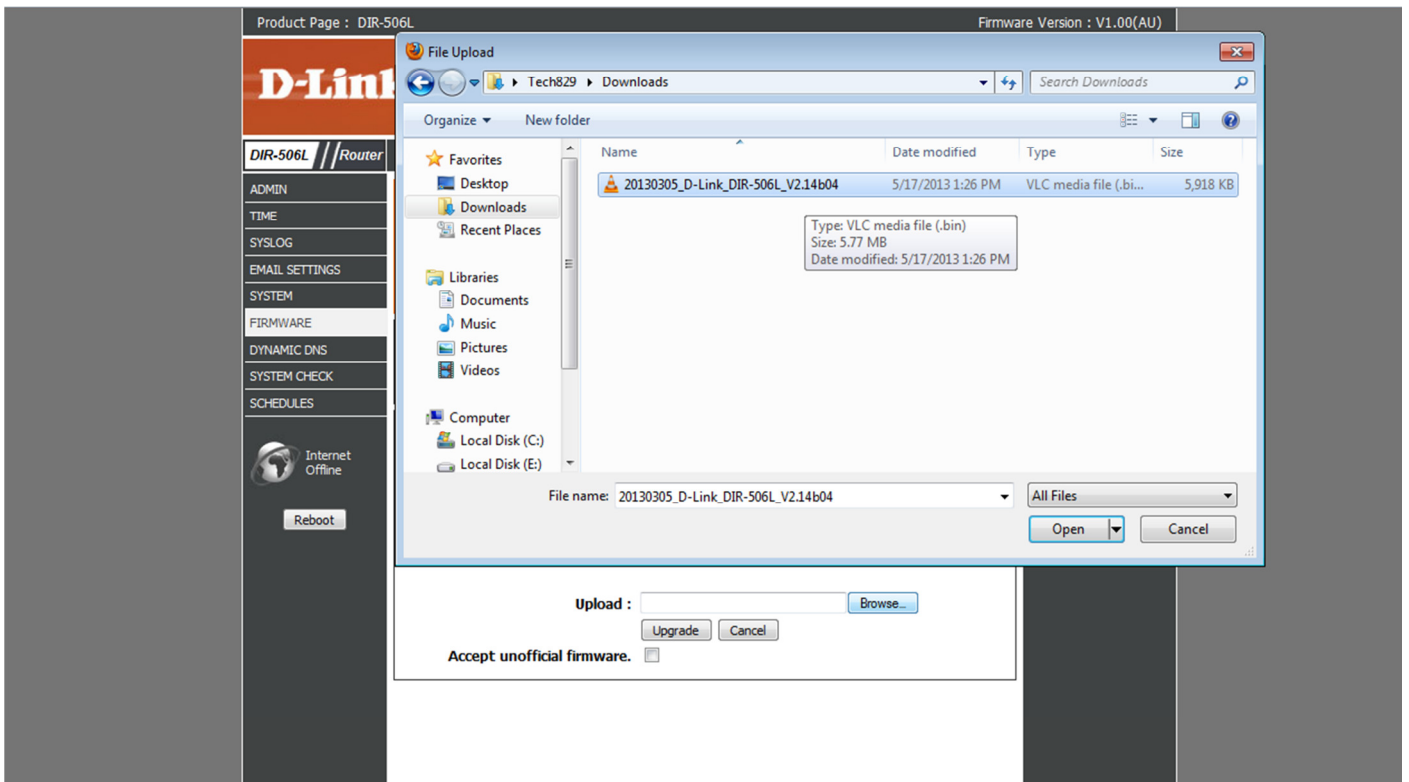
- FIRMWARE UPGRADE**: A text box stating, "There may be new firmware for your Router to improve functionality and performance. To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Save Settings below to start the firmware upgrade."
- FIRMWARE INFORMATION**: A section displaying:
 - Current Firmware Version : V1.00(AU)
 - Current Firmware Date : 2013/04/11
- FIRMWARE UPGRADE**: A section with a red note: "Note! Do not power off the unit when it is being upgraded. The upgrade procedure takes about 180 seconds. When the upgrade is done successfully, the unit will be restarted automatically." Below this is another text box: "To upgrade the firmware, your PC must have a wired connection to the router. Enter the name of the firmware upgrade file, and click on the Upload button." Below this is an 'Upload' field with a 'Browse...' button, and 'Upgrade' and 'Cancel' buttons. At the bottom, there is a checkbox labeled 'Accept unofficial firmware.'.

The right sidebar contains 'Helpful Hints..' with one bullet point:

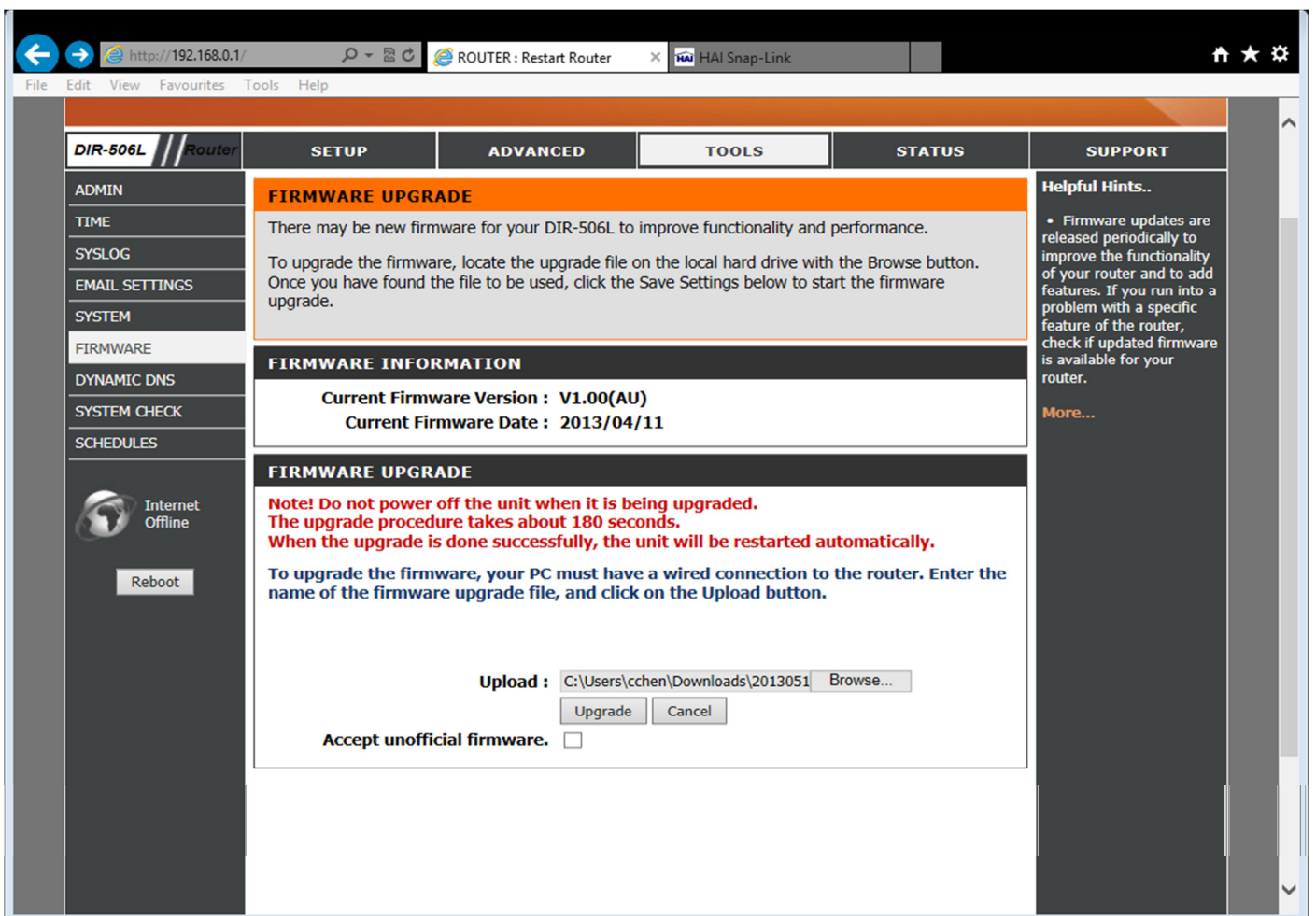
- Firmware updates are released periodically to improve the functionality of your router and to add features. If you run into a problem with a specific feature of the router, check if updated firmware is available for your router.

 A 'More...' link is also present.

5. Click on [Browse] button, locate the firmware file in your computer and click on [OPEN] button.



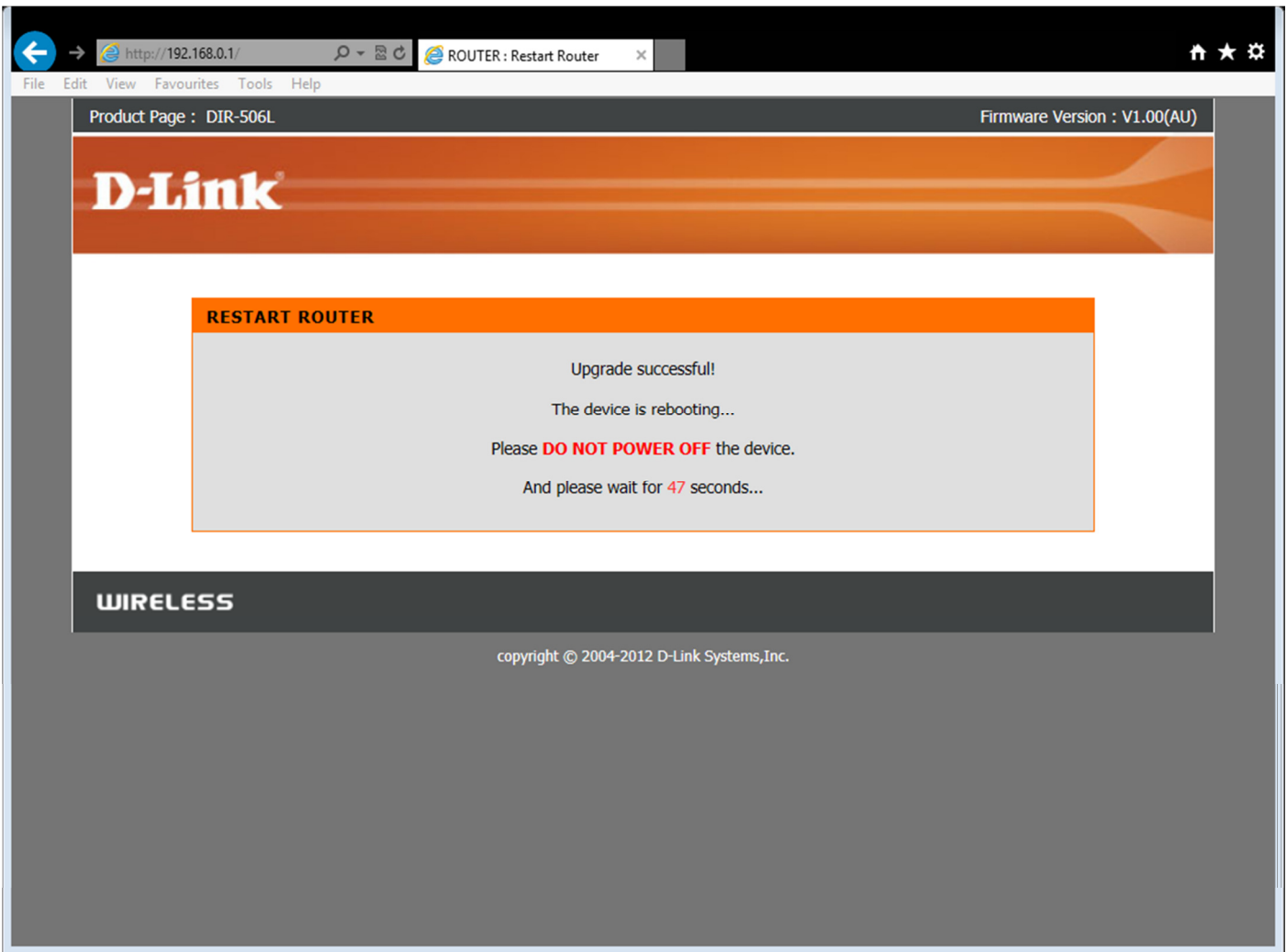
6. Click on [Upgrade] button to upload the firmware file.



7. There will be a bar showing the progress of the firmware update.

The screenshot shows a web browser window at the URL `http://192.168.0.1/` displaying the D-Link Router Tools / Firmware page. The page title is "Product Page : DIR-506L" and the firmware version is "V1.00(AU)". The D-Link logo is prominently displayed at the top. The navigation menu includes "DIR-506L // Router", "SETUP", "ADVANCED", "TOOLS", "STATUS", and "SUPPORT". The "TOOLS" tab is selected, showing the "FIRMWARE UPGRADE" section. This section contains instructions on how to upgrade the firmware, including a note to not power off the unit during the process. A progress bar indicates that the upgrade is 17% complete, with a timer showing 00:00:12. Below the progress bar, there is an "Upload" field with the file path `C:\Users\cchen\Downloads\2013051` and a "Browse..." button. There are also "Upgrade" and "Cancel" buttons. At the bottom of the section, there is a checkbox for "Accept unofficial firmware." which is currently unchecked. On the left sidebar, under the "FIRMWARE" section, there is a "Reboot" button. On the right sidebar, there are "Helpful Hints.." and a "More..." link.

8. You may wait for 1-2 mins for the system to reboot after a successful firmware update.



It is recommended to perform a Hardware Factory Reset by pressing the RESET button for 10 seconds on the top of the DIR-506L after the firmware update.



Please NOTE: This will remove all settings in the device and restore the unit back to factory defaults.

Once you have performed the firmware update and factory reset on the unit, please manually enter the settings back into the device (i.e reconfigure). Do not use the configuration file from older firmware version.