

D-Link DIR-655 Firmware Upgrade

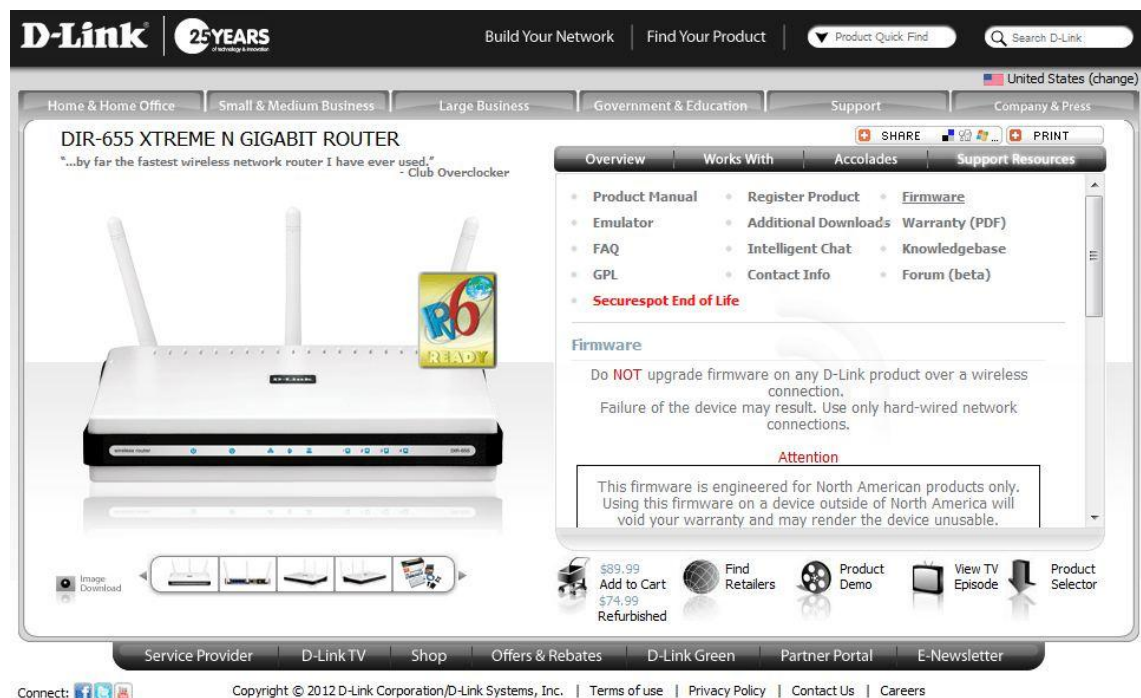
We ask that you take the time to upgrade to firmware on your D-Link router. This will help ensure a smooth transition while operating over IPv6. To upgrade the firmware on D-Link router, you must first setup the router and connect it to your online cable modem. You will then login to the routers web UI and perform the firmware upgrade.

NOTE: You must have a machine connected to the WIRED LAN port of the router to perform this upgrade. Do not attempt to upgrade the firmware over the wireless interface.

Be sure that you power-cycle your cable modem after disconnecting your old router. Plug the modem into your D-Link DIR-655 before turning it on. Follow the steps below to upgrade the firmware.

- 1) First you must download the latest firmware version from the D-Link website. You can find the latest version by navigating to the link below

http://www.dlink.com/products/?tab=3&pid=DIR-655&rev=DIR-655_revB



- 2) Click on "United States" if prompted and then click on "DIR-655RevB"
- 3) Click on the "Firmware" Link on the page and then download the latest version of the firmware. It will download as a .zip file. Note where the download is saved.

D-Link | 25 YEARS | Build Your Network | Find Your Product | Product Quick Find | Search D-Link

United States (change)

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DIR-655 XTREME N GIGABIT ROUTER

"...by far the fastest wireless network router I have ever used." - Club Overclocker




Image Download

Overview | Works With | Accolades | **Support Resources**

- Product Manual
- Register Product
- Firmware**
- Emulator
- Additional Downloads
- Warranty (PDF)
- FAQ
- Intelligent Chat
- Knowledgebase
- GPL
- Contact Info
- Forum (beta)

Securespot End of Life

Firmware

Do **NOT** upgrade firmware on any D-Link product over a wireless connection. Failure of the device may result. Use only hard-wired network connections.

Attention

This firmware is engineered for North American products only. Using this firmware on a device outside of North America will void your warranty and may render the device unusable.

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- 4) Navigate to that download location and extract the files from the .zip image.
- 5) Open a web browser and navigate to the gateway address: 192.168.0.1
- 6) The default password will be blank. Click on Log in

Product Page: DIR-655 | Hardware Version: B1 | Firmware Version: 2.08NA

D-Link

LOGIN

Log in to the router

User Name : Admin

Password :

Log In

WIRELESS

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- 7) Now you will be at the landing page. Click on the “Tools” tab.

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.08NA

D-Link

DIR-655 // **SETUP** **ADVANCED** **TOOLS** STATUS SUPPORT

INTERNET

INTERNET CONNECTION

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 WIZARD

If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your new D-Link Systems Router to the Internet, click on the button below.

[Internet Connection Setup Wizard](#)

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

If you would like to configure the Internet settings of your new D-Link Systems Router manually, then click on the button below.

[Manual Internet Connection Setup](#)

Helpful Hints...

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.

[More...](#)

WIRELESS

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- 8) Now you will see many options on the left side of the page. Click “Firmware”

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.08NA

D-Link

DIR-655 // **SETUP** **ADVANCED** **TOOLS** STATUS SUPPORT

ADMIN

TIME

SYSLOG

EMAIL SETTINGS

SYSTEM

FIRMWARE

DYNAMIC DNS

SYSTEM CHECK

SCHEDULES

ADMINISTRATOR SETTINGS

The “admin” and “user” accounts can access the management interface. The admin has read/write access and can change passwords, while the user has read-only access.

By default there is no password configured. It is highly recommended that you create a password to keep your router secure.

[Save Settings](#) [Don't Save Settings](#)

ADMIN PASSWORD

Please enter the same password into both boxes, for confirmation.

Password :

Verify Password :

USER PASSWORD

Please enter the same password into both boxes, for confirmation.

Password :

Verify Password :

SYSTEM NAME

Gateway Name :

ADMINISTRATION

Helpful Hints ...

For security reasons, it is recommended that you change the password for the Admin and User accounts. Be sure to write down the new and passwords to avoid having to reset the router in case they are forgotten.

Enabling Remote Management, allows you or others to change the router configuration from a computer on the Internet.

Choose a port to open for remote management.

Select a filter that controls access as needed for this admin port. If you do not see the filter you need in the list of filters, go to the **Advanced** → **Inbound Filter** screen and create a new filter.

[More ...](#)

- 9) Once on the Firmware page, click on the “Choose File” button.

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.03NA

D-Link

DIR-655 // SETUP ADVANCED **TOOLS** STATUS SUPPORT

FIRMWARE

There may be new firmware for your DIR-655 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 Upload button below to start the firmware upgrade.

FIRMWARE INFORMATION

Current Firmware Version : 2.03NA
Current Firmware Date : 27, Jun, 2011
Check Online Now for Latest Firmware Version : [Check Now](#)

FIRMWARE UPGRADE

Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration from the [Tools](#) > [System](#) screen.

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.

[Choose File](#) No file chosen

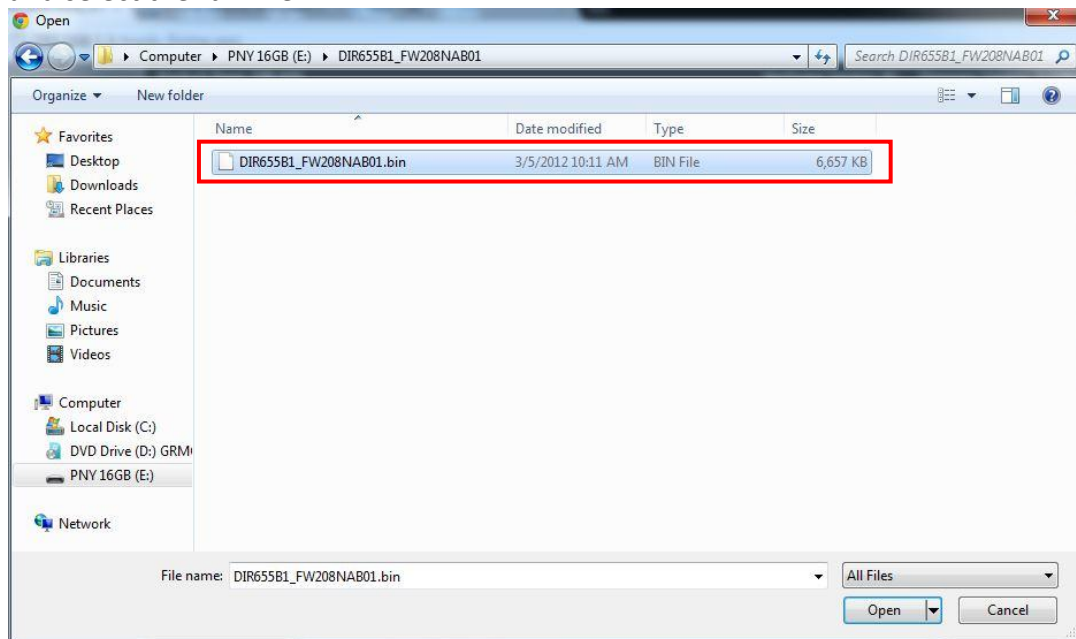
[Upload](#)

Helpful Hints...

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.

[More...](#)

- 10) It will open up an explorer window. Navigate to where you extracted the firmware files and select the .bin file.



- 11) Once you have selected the file, click on “Upload” to begin the firmware upgrade process. You be asked to confirm two pop-up prompts. Click “OK” for both of them.



- 12) The firmware update process will begin and you will be directed a page where you will wait for the update to complete. Once this timer counts down to zero, you will then be able to access the configuration page and the device will be updated.



Enabling IPv6 on the D-Link DIR-655

Now that we have upgraded the firmware to the latest version, you will want to follow the steps below to ensure IPv6 is enabled and working on your DIR-655. You will configure the device using the web UI just like you did to update the firmware.

Follow the steps below to enable IPv6:

- 1) Open a web browser and navigate to the gateway address: 192.168.0.1
- 2) The default password will be blank. Click on Log in

Product Page: DIR-655

Hardware Version: B1

Firmware Version: 2.08NA

D-Link

LOGIN

Log in to the router

User Name : Admin ▼

Password :

Log In

WIRELESS

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- 3) Now you will be at the landing page. Click on the “IPv6” option on the left side.

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.08NA

D-Link

DIR-655	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET	INTERNET CONNECTION 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.				Helpful Hints... 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. More...
WIRELESS SETTINGS	INTERNET CONNECTION WIZARD If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your new D-Link Systems Router to the Internet, click on the button below. Internet Connection Setup Wizard Note: Before launching the wizard, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.				
NETWORK SETTINGS	MANUAL INTERNET CONNECTION OPTIONS If you would like to configure the Internet settings of your new D-Link Systems Router manually, then click on the button below. Manual Internet Connection Setup				
USB SETTINGS					
IPv6					

WIRELESS

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- 4) Click on the “Manual IPv6 Internet Connection Setup” button.

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.08NA

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DIR-655	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET	IPv6 INTERNET CONNECTION There are two ways to set up your IPv6 internet connection. You can use the Web-based IPv6 Internet Connection Setup Wizard, or you can manually configure the connection.				Helpful Hints... If you are new to networking and have never configured a router before, click on IPv6 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 IPv6 Internet Connection Setup to input all the settings manually. More...
WIRELESS SETTINGS	IPv6 INTERNET CONNECTION SETUP WIZARD If you would like to utilize our easy to use Web-based Wizard to assist you in connecting your new D-Link Systems Router to the IPv6 Internet, click on the button below. IPv6 Internet Connection Setup Wizard				
NETWORK SETTINGS	MANUAL IPv6 LOCAL CONNECTIVITY SETTINGS If you would like to configure IPv6 local connectivity setting of your D-Link Router, then click on the button below IPv6 Local Connectivity Settings				
USB SETTINGS	MANUAL IPv6 INTERNET CONNECTION SETUP If you would like to configure the IPv6 Internet settings of your new D-Link Systems Router manually, then click on the button below. Manual IPv6 Internet Connection Setup				
IPv6					

- 5) Click the drop down next to "My IPv6 Connection is:" and choose "Autoconfiguration (Stateless/DHCPv6)".

Product Page: DIR-655 Hardware Version: B1 Firmware Version: 2.08NA

D-Link

DIR-655 // SETUP ADVANCED TOOLS STATUS SUPPORT

INTERNET
WIRELESS SETTINGS
NETWORK SETTINGS
USB SETTINGS
IPv6

IPv6

Use this section to configure your IPv6 Connection type. If you are unsure of your connection method, please contact your Internet Service Provider.

Save Settings Don't Save Settings

IPv6 CONNECTION TYPE

Choose the mode to be used by the router to the IPv6 Internet.

My IPv6 Connection is : Autoconfiguration (SLAAC/DHCPv6)

IPv6 DNS SETTINGS

Obtain a DNS server address automatically or enter a specific DNS server address.

☒ Obtain a DNS server address automatically
☐ Use the following DNS address

Primary IPv6 DNS Server :
Secondary IPv6 DNS Server :

LAN IPv6 ADDRESS SETTINGS

Use this section to configure the internal network settings of your router. If you change the LAN IPv6 Address here, you may need to adjust your PC network settings to access the network again.

Enable DHCP-PD : ☒

LAN IPv6 Address : /64
LAN IPv6 Link-Local Address : FE80::5ED9:98FF:FE5F:648A/64

Helpful Hints...

When configuring the router to access the IPv6 Internet, be sure to choose the correct IPv6 Connection Type from the drop down menu. If you are unsure of which option to choose, contact your Internet Service Provider (ISP).

If you are having trouble accessing the IPv6 Internet through the router, double check any settings you have entered on this page and verify them with your ISP if needed.

More...

- 6) Click "Save Settings"

(Please note, once you hit save settings on step 6, you'll go to a screen with a countdown where the router will reboot to make the needed changes. Once the router fully restores, it will bring you back to the same window you were in before).

The settings should now be saved and the router will need to restart to apply the configuration. You should now have IPv6 enabled on your home router.

Security

Once you have configured IPv6 on your device, we recommend that you secure your wireless network. Follow the simple steps below to complete this task.

- 1) Click on “Setup”, and then click “Wireless Settings” on the left hand side.

Product Page: DIR-655Hardware Version: B1Firmware Version: 2.08NA

D-Link®

DIR-655

WIRELESS SETTINGS

INTERNET

NETWORK SETTINGS

USB SETTINGS

IPv6

SETUP

ADVANCED

TOOLS

STATUS

SUPPORT

INTERNET CONNECTION

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 WIZARD

If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your new D-Link Systems Router to the Internet, click on the button below.

Internet Connection Setup Wizard

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

If you would like to configure the Internet settings of your new D-Link Systems Router manually, then click on the button below.

Manual Internet Connection Setup

Helpful Hints...

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.

More...

WIRELESS

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2) Click on “Manual Wireless Connection Setup”

DIR-655	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT
INTERNET	WIRELESS SETTINGS The following Web-based wizards are designed to assist you in your wireless network setup and wireless device connection. Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.				Helpful Hints... If you are new to wireless networking and have never configured a wireless router before, click on Wireless Connection Setup Wizard and the router will guide you through a few simple steps to get your wireless network up and running. If you consider yourself an advanced user and have configured a wireless router before, click Manual Wireless Connection Setup to input all the settings manually. More...
WIRELESS SETTINGS	WIRELESS NETWORK SETUP WIZARD This wizard is designed to assist you in your wireless network setup. It will guide you through step-by-step instructions on how to set up your wireless network and how to make it secure. Wireless Connection Setup Wizard Note: Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the D-Link Router.				
NETWORK SETTINGS	ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD This wizard is designed to assist you in connecting your wireless device to your router. It will guide you through step-by-step instructions on how to get your wireless device connected. Click the button below to begin. Add Wireless Device with WPS				
USB SETTINGS	MANUAL WIRELESS NETWORK SETUP If your wireless network is already set up with Wi-Fi Protected Setup, manual configuration of the wireless network will destroy the existing wireless network. If you would like to configure the wireless settings of your new D-Link Systems Router manually, then click on the Manual Wireless Network Setup button below. Manual Wireless Connection Setup				
IPV6					

3) Change your Wireless Network Name, and change the Security Mode. We recommend WPA-Personal.

Product Page: DIR-655		Hardware Version: B1		Firmware Version: 2.08NA	
D-Link					
DIR-655	SETUP	ADVANCED	TOOLS	STATUS	HELP
INTERNET	WIRELESS : Use this section to configure the wireless settings for your D-Link Router. Please note that changes made on this section may also need to be duplicated on your Wireless Client. Save Settings Don't Save Settings				Helpful Hints... Changing your Wireless Network Name is the first step in securing your wireless network. Change it to a familiar name that does not contain any personal information. Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on. Enabling Hidden Mode is another way to secure your network. With this option enabled, no wireless clients will be able to see your wireless network when they scan to see what's available. For your wireless devices to connect to your router, you will need to manually enter the Wireless Network Name on each device. If you have enabled Wireless Security, make sure you write down the Key or Passphrase that you have configured. You will need to enter this information on any wireless device that you connect to your wireless
WIRELESS SETTINGS	WIRELESS NETWORK SETTINGS Enable Wireless : <input checked="" type="checkbox"/> Always New Schedule Wireless Network Name : <input type="text" value="DIR655 v2"/> (Also called the SSID) 802.11 Mode : <input type="text" value="Mixed 802.11n and 802.11g"/> Enable Auto Channel Scan : <input type="checkbox"/> Wireless Channel : <input type="text" value="2.412 GHz - CH 1"/> Transmission Rate : <input type="text" value="Best (automatic)"/> Channel Width : <input type="text" value="20 MHz"/> Visibility Status : <input checked="" type="radio"/> Visible <input type="radio"/> Invisible				
NETWORK SETTINGS	WIRELESS SECURITY MODE To protect your privacy you can configure wireless security features. This device supports three wireless security modes, including WEP, WPA-Personal, and WPA-Enterprise. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server. Security Mode : <input type="text" value="WPA-Personal"/>				
USB SETTINGS					
IPV6					

4) Click "Save Settings"

You have now secured your wireless network. You may also change the administrator password for the DIR-655 by navigating to the "Tools" tab and changing the ADMIN password.



Additional Information

IPv6 Contact Support: comcast-ipv6@cable.comcast.com

IPv6 Website: <http://www.comcast6.net>

In order to successfully operate IPv6 on your device, we recommend the following Operating Systems:

Windows 7 (All Builds)

Windows Vista (All Builds)

Mac OS X 10.3 and higher

