

# DIR-815 How to setup Port Forwarding

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1. Using an Internet Browser type into the URL:

<http://192.168.0.1>

Product Page : DIR-815 Firmware Version : 1.01\_patch02

**D-Link**

**LOGIN**

Login to the router :

User Name : admin

Password :

**WIRELESS**

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Type in your Password if you have changed it, or leave it blank and then click on the Login button.

**NOTE: Changing the Port Forwarding values can be performed under Wireless, however we do not recommend it.**

2. Before proceeding, you will need to know the actual Ports that your application requires.

You will also need to know the IP Address of the computer/laptop that you would like the Ports to be binded to. It is not recommended to have a Port Forward entry on a connected computer/laptop without a Static IP Address assigned and or a DHCP Reservation setup on the DIR-815.

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3. Now click on ADVANCED menu then Click on PORT FORWARDING.

Product Page : DIR-815 Firmware Version : 1.01\_patch02

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DIR-815 // **SETUP** **ADVANCED** TOOLS STATUS SUPPORT

**PORT FORWARDING**

This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in the format, Port Ranges (100-150). This option is only applicable to the INTERNET session.

**32 -- PORT FORWARDING RULES**

Remaining number of rules that can be created: 32

	Name	Application Name	Ports to Open	Schedule
<input type="checkbox"/>	<input type="text"/>	<< Application Name	TCP <input type="text"/> UDP <input type="text"/>	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Computer Name	TCP <input type="text"/> UDP <input type="text"/>	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Application Name	TCP <input type="text"/> UDP <input type="text"/>	Schedule Always
<input type="checkbox"/>	<input type="text"/>	<< Computer Name	TCP <input type="text"/> UDP <input type="text"/>	Schedule Always

**Helpful Hints...**

- Check the **Application Name** drop-down menu for a list of pre-defined applications that you can select from. If you select one of the pre-defined applications, click the arrow button next to the drop-down menu to fill out the appropriate fields.
- You can select your computer from the list of DHCP clients in the **Computer Name** drop-down menu, or enter the IP address manually of the computer you would like to open the specified port to.
- Select a schedule for when the port forwarding will be enabled. If you do not see the schedule you need in the list of schedules, go to the **Tools -> Schedules** screen and create a new schedule.

5. This guide will advise on what is required for an FTP Server (Port 21) and the popular Peer to Peer application uTorrent which has been configured to run on Port 6881.

6. To allow FTP click on the checkbox and under Application Name select FTP from the drop down menu and click on the corresponding "<<" button in front of the FTP selection. Now under the IP Address type in 192.168.0.100 (remember the IP Address assigned under DHCP Reservation?)

7. Now click on the Save Settings button.

8. Now repeat Step 6, however this time selecting the 2nd entry, click the checkbox, under Name type in uTorrent, and under the Public Port type in 6881 to both entries and under IP Address type in 192.168.0.100 and under the Private Port type in 6881 as well. Under the Traffic Type select Any from the drop down menu.

9. Now again click on the Save Settings button.

10. Both entries should look similar to the below:

**PORT FORWARDING RULES:**

This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in various formats including, Port Ranges (100-150), Individual Ports (80, 68, 888), or Mixed (1020-5000, 689).

**24 -- PORT FORWARDING RULES**

			Ports to Open	
<input checked="" type="checkbox"/>	Name	<< Application Name	TCP	Schedule
	FTP	<< Application Name	21	Always
	IP Address	<< Computer Name	UDP	Inbound Filter
	192.168.0.10	<< Computer Name	0	Allow All
<input checked="" type="checkbox"/>	Name	<< Application Name	TCP	Schedule
	uTorrent	<< Application Name	6881	Always
	IP Address	<< Computer Name	UDP	Inbound Filter
	192.168.0.100	<< Computer Name	6881	Allow All
	Name		TCP	Schedule

11. Port Forwarding for FTP and uTorrent is now configured for this computer in this example.

## **IMPORTANT:**

*There are many ways in which to obtain the Ports needed for your Application, including referring to your application documentation to searching online.*

*Please remember to ensure your DIR-815 has the most current firmware version applied. To apply this firmware please refer to the Technical Support Knowledge Base.*