

DIR-815 How to setup DHCP Reservation

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 :

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.

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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. This guide will advise on the DHCP Reservation setup. To ensure your computer/laptop always get the same IP Address, see below:

Click on SETUP > NETWORK SETTINGS menu

The screenshot shows the D-Link DIR-815 web interface. At the top, it displays 'Product Page : DIR-815' and 'Firmware Version : 1.01_patch02'. The D-Link logo is prominently displayed. Below the logo is a navigation menu with tabs for 'DIR-815', 'SETUP', 'ADVANCED', 'TOOLS', 'STATUS', and 'SUPPORT'. The 'SETUP' tab is selected and highlighted with a red box. On the left side, there is a sidebar menu with options: 'INTERNET', 'WIRELESS SETTINGS', 'NETWORK SETTINGS' (highlighted with a red box), and 'IPV6'. The main content area is titled 'NETWORK SETTINGS' and contains the following text: 'Use this section to configure the internal network settings of your router and also to configure the built-in DHCP server to assign IP addresses to computers on your network. The IP address that is configured here is the IP address that you use to access the Web-based management interface. If you change the IP address in this section, you may need to adjust your PC's network settings to access the network again.' Below this text is a note: 'Please note that this section is optional and you do not need to change any of the settings here to get your network up and running.' There are two buttons: 'Save Settings' and 'Don't Save Settings'. The 'ROUTER SETTINGS' section follows, with a similar introductory text. It includes several input fields: 'Router IP Address' (192.168.0.1), 'Default Subnet Mask' (255.255.255.0), 'Host Name' (dlinkrouter), and 'Local Domain Name' (optional). There is also a checkbox for 'Enable DNS Relay' which is checked. The 'DHCP SERVER SETTINGS' section is partially visible at the bottom, with the text 'Use this section to configure the built-in DHCP server to assign IP address to the computers on your'. On the right side of the interface, there is a 'Helpful Hints...' section with two bullet points: 'If you already have a DHCP server on your network or are using static IP addresses on all the devices on your network, uncheck Enable DHCP Server to disable this feature.' and 'If you have devices on your network that should always have fixed IP addresses, add a DHCP Reservation for each such device.'

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Refer down the page to the heading DHCP RESERVATION:

25 - DHCP RESERVATION

Remaining number of rules that can be created: 25

	Computer Name	IP Address	MAC Address	
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
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<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾

Under the Computer Name drop down, select your Computer Name, as you can see the computer used was "Test-PC". It is important to remember the IP Address as well. Now click on the "<<" button, and tick the checkbox to enable this obtain. Now click on the Save Settings button either at the top or bottom of the Web Configuration. You should now see as example the below:

	Computer Name	IP Address	MAC Address	
<input checked="" type="checkbox"/>	Test-PC	192.168.0.101	00:1c:c4:d1:f3:93	<< Computer Name ▾
<input type="checkbox"/>				<< DCS-930L (192.168.0.100)
<input type="checkbox"/>				<< Test-PC (192.168.0.101)
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾
<input type="checkbox"/>				<< Computer Name ▾