

DIR-815 Applying WEP Encryption

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 :

Login

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.

2. Click on the [WIRELESS SETTINGS] menu > [Manual Wireless Connection Setup]

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

INTERNET

WIRELESS SETTINGS

NETWORK SETTINGS

IPV6

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.

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.

ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD

This wizard is designed to assist you in connecting your wireless device to your wireless 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

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

Helpful Hints...

- If you already have a wireless network setup with Wi-Fi Protected Setup, click on **Add Wireless Device with WPS** to add new device to your wireless network.
- 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.

3. Under the WIRELESS SECURITY MODE heading select from the dropdown "Enable WEP Wireless Security (basic)".

WIRELESS NETWORK SETTINGS

Wireless Band : 2.4GHz Band

Enable Wireless : Always New Schedule

Wireless Network Name : User815_24 (Also called the SSID)

Enable Auto Channel Selection :

Wireless Channel : 8

Transmission Rate : Best (automatic) (Mbit/s)

Wireless Mode : 802.11 Mixed(n/g/b)

Band Width : 20/40 MHz(Auto)

WMM Enable : (Wireless QoS)

Enable Hidden Wireless : (Also called the SSID Broadcast)

WIRELESS SECURITY MODE

Security Mode : Enable WEP Wireless Security (basic)

WEP

WEP is the wireless encryption standard. To use it you must enter the same key(s) into the router and the wireless stations. For 64-bit keys you must enter 10 hex digits into each key box. For 128-bit keys you must enter 26 hex digits into each key box. A hex digit is either a number from 0 to 9 or a letter from A to F. For the most secure use of WEP set the authentication type to "Shared Key" when WEP is enabled.

You may also enter any text string into a WEP key box, in which case it will be converted into a hexadecimal key using the ASCII values of the characters. A maximum of 5 text characters can be entered for 64-bit keys, and a maximum of 13 characters for 128-bit keys.

Authentication : Open

WEP Encryption : 64Bit

Default WEP Key : WEP Key 1

WEP Key : 1234567890 (5 ASCII or 10 HEX)

It is recommended to change the Wireless Network Name (SSID) to a name of your liking, in this example it is called "User815_24". Enable Auto Channel Selection can be enabled however it is not mandatory. The Wireless Channel can be changed, Channel's 1, 6 and 11 are non overlapping and are recommended.

Under the WEP heading you may select a higher WEP Encryption to use e.g. 128Bit (this means your WEP Key will be longer and considered harder to guess). Now under the WEP Key you are to enter in either 5 ASCII characters or 10 Hexadecimal characters. The WEP Key is considered to be your Wireless Password. **REMEMBER IT!**

5. Now proceed to click on the Save Settings button on the top of the web page.

6. WEP Encryption is now configured.

IMPORTANT:

If you decide to change your Wireless Encryption password, you will need to remove your existing Wireless Profile or edit it to reflect the new changes.

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.