D-Link®
Building Networks for People
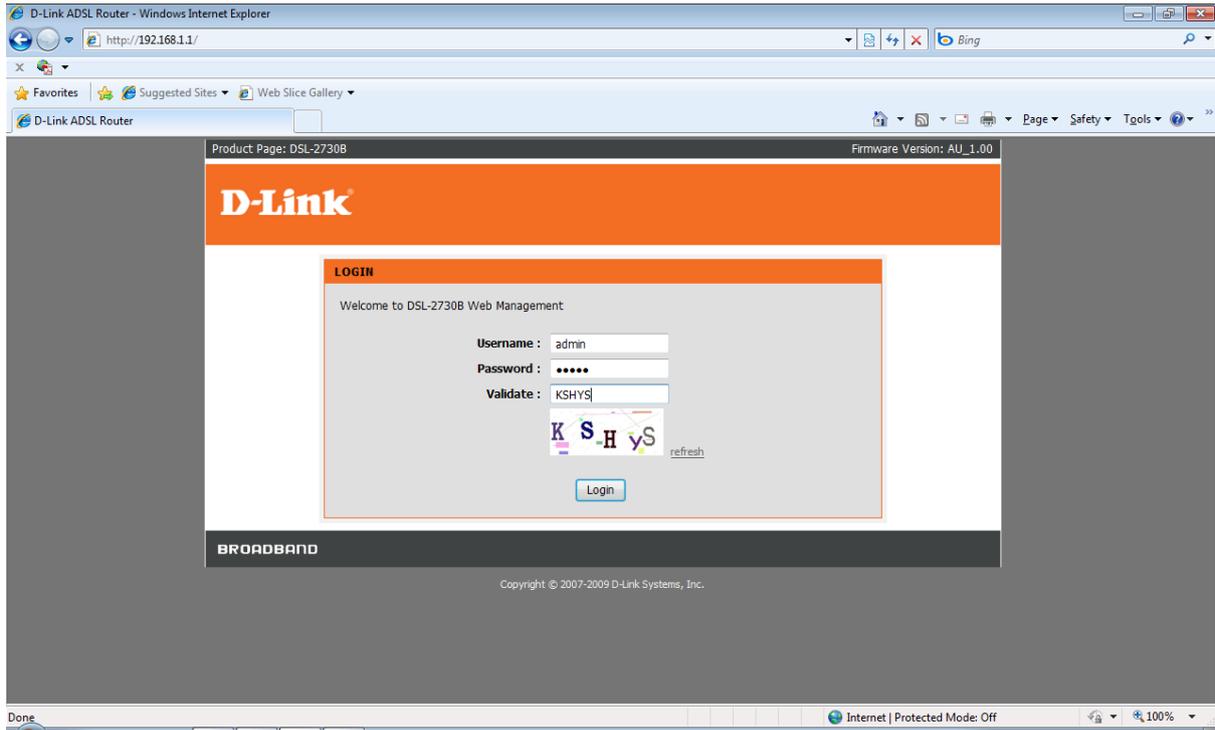
WIRELESS | N

How to Secure Wireless

This document will detail how to secure the wireless on the DSL-2730B.

NOTE:

The DSL-2730B is a Wireless N 150 modem / router that can achieve speeds of up to **150Mbps** using compatible wireless adapters.
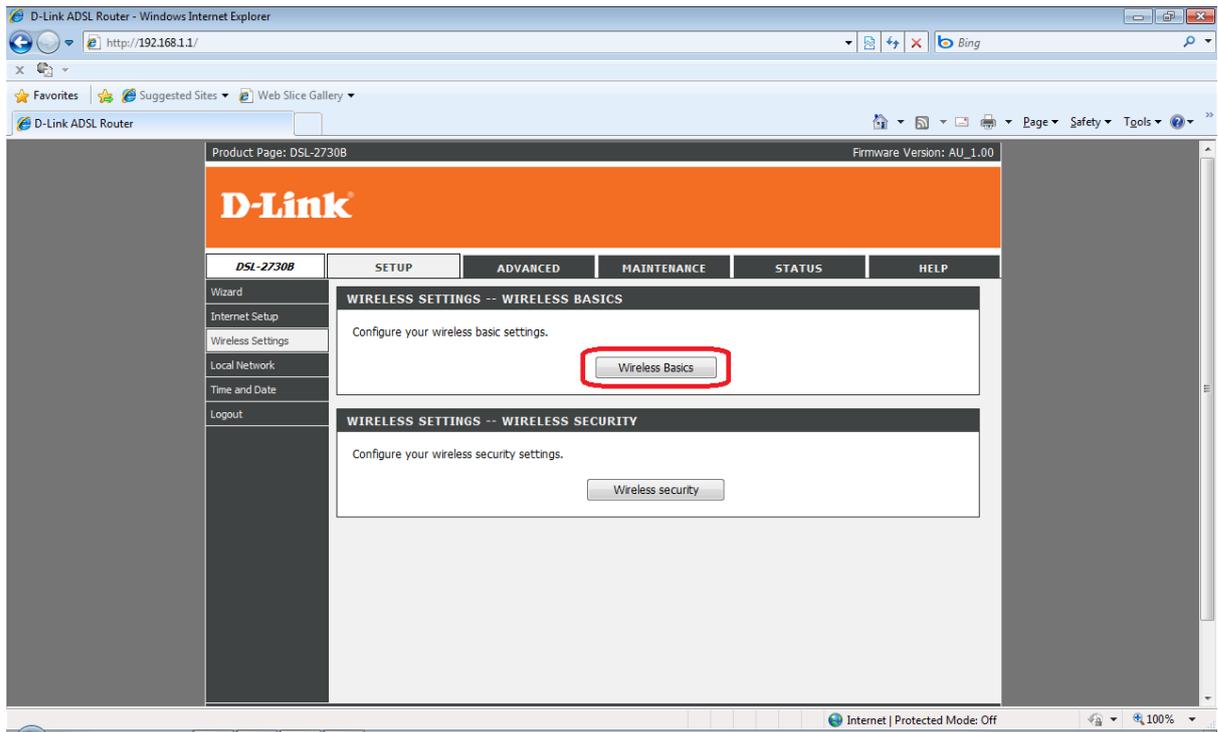
1. Log in to the modem with the computer connected to the modem via Ethernet.
   - URL: http://192.168.1.1 (default)
   - Username: admin
   - Password: admin (default)
   - Graphic Authentication: (randomly generated)

2. Select the **WIRELESS** button in the left menu.
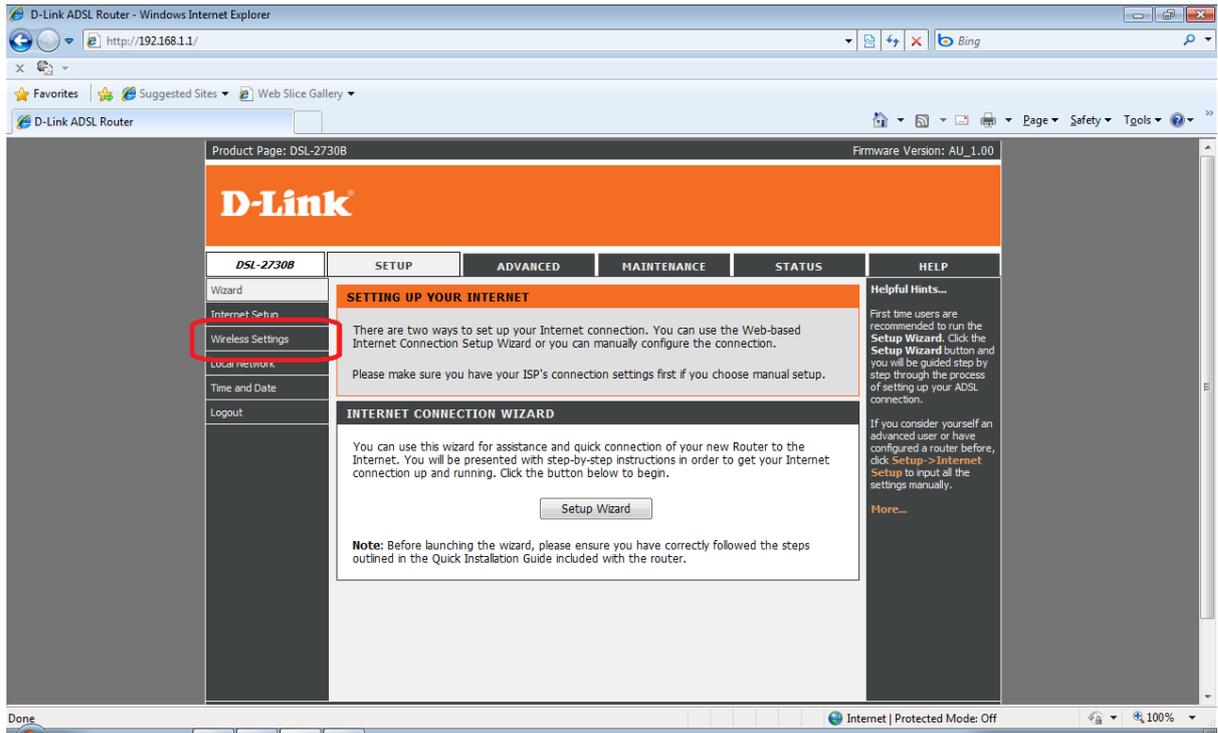
3. Select **BASIC SETTINGS** to make changes to the network name and visibility of the network.

4. Change the **WIRELESS NETOWRK NAME (SSID)** to a name you wish to call your network e.g. in this example, we have left the default name – *DSL-2730B.*

   - You may change the wireless channel from 'Auto Scan' to a single channel if you are experiencing signal issues (channels 1, 6 and 11 are recommended).
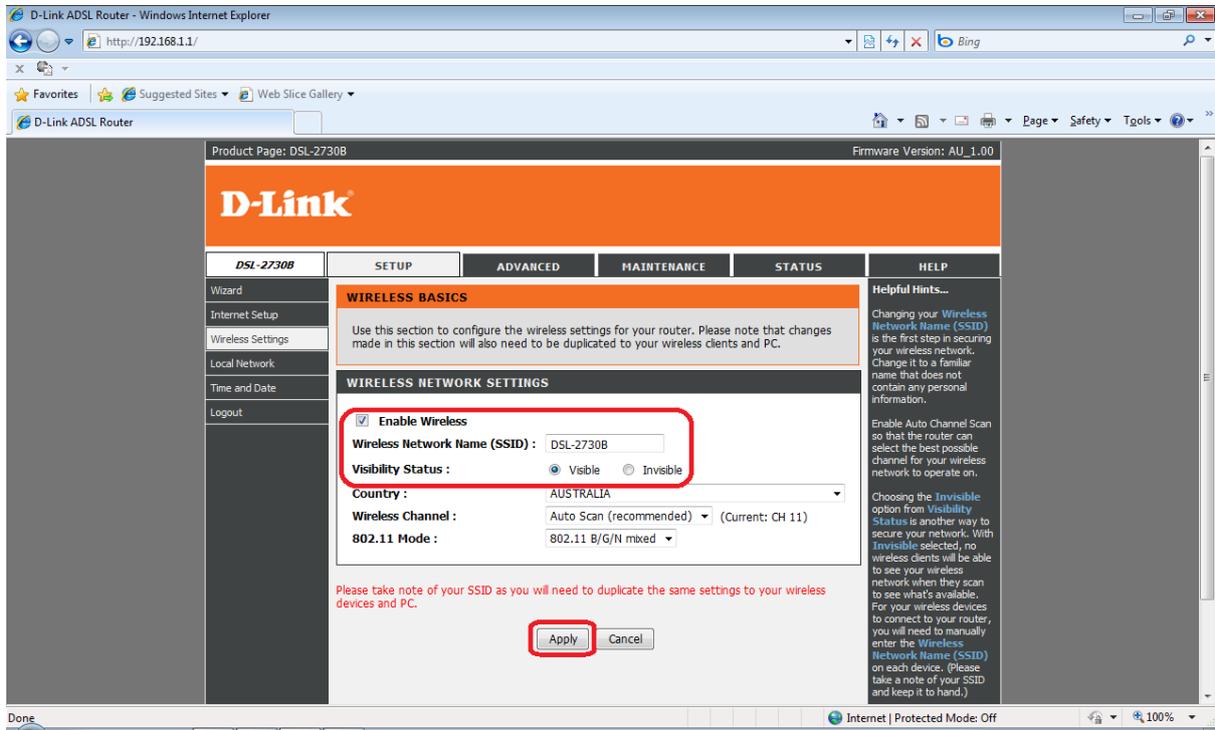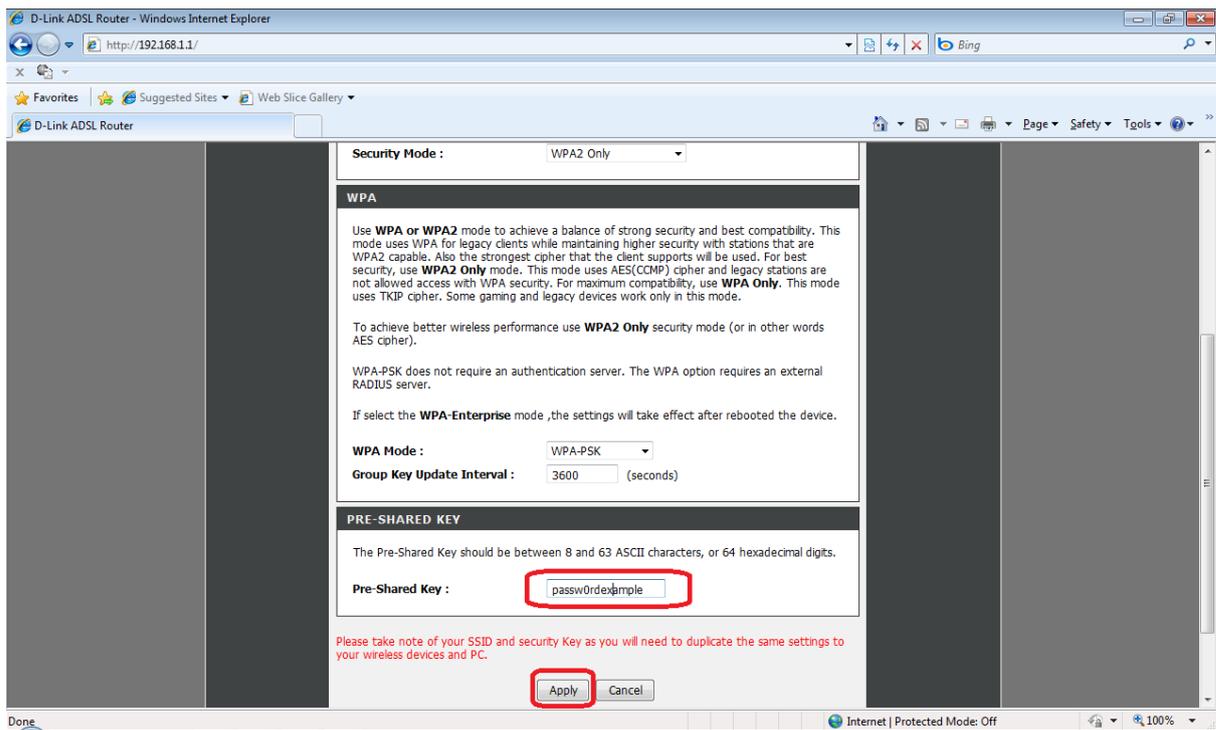

5. Click APPLY to activate the changes

6. Select **WIRELESS SETTINGS** from the left menu and click **WIRELESS SECURITY.**
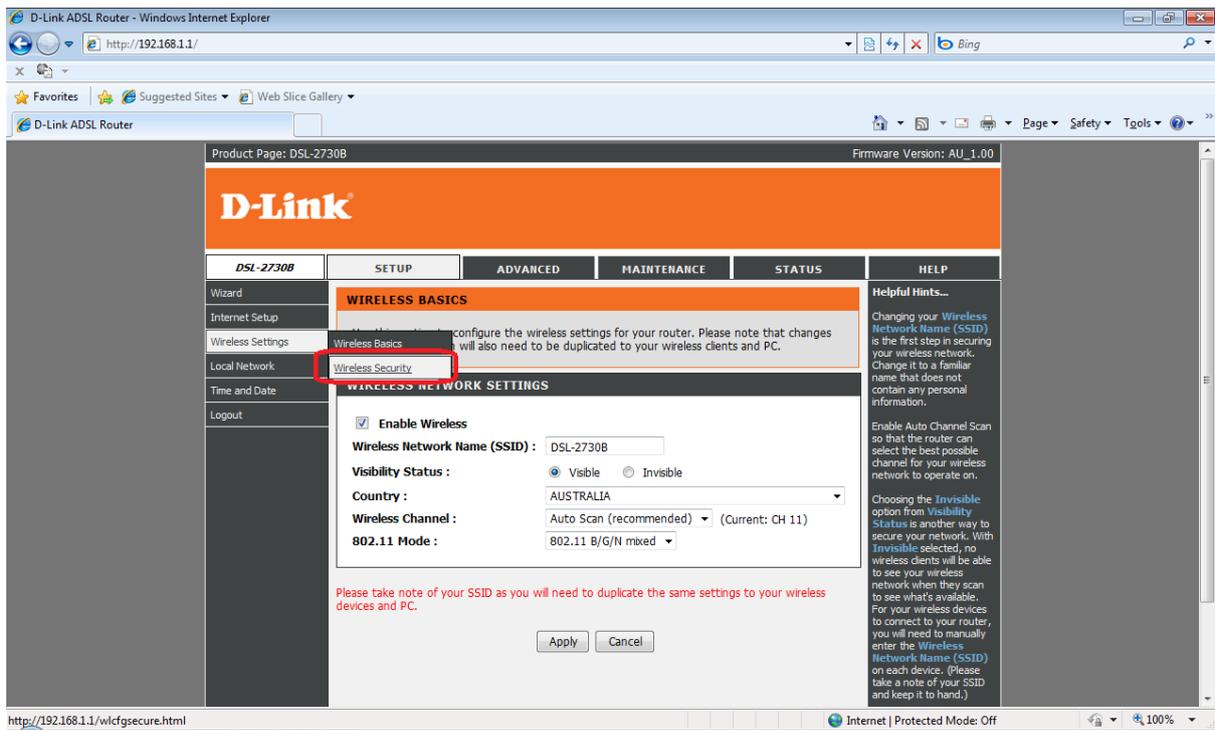
7. Select the preferred wireless *Security Mode* from the drop down menu.
- Recommended: WPA2 Only.
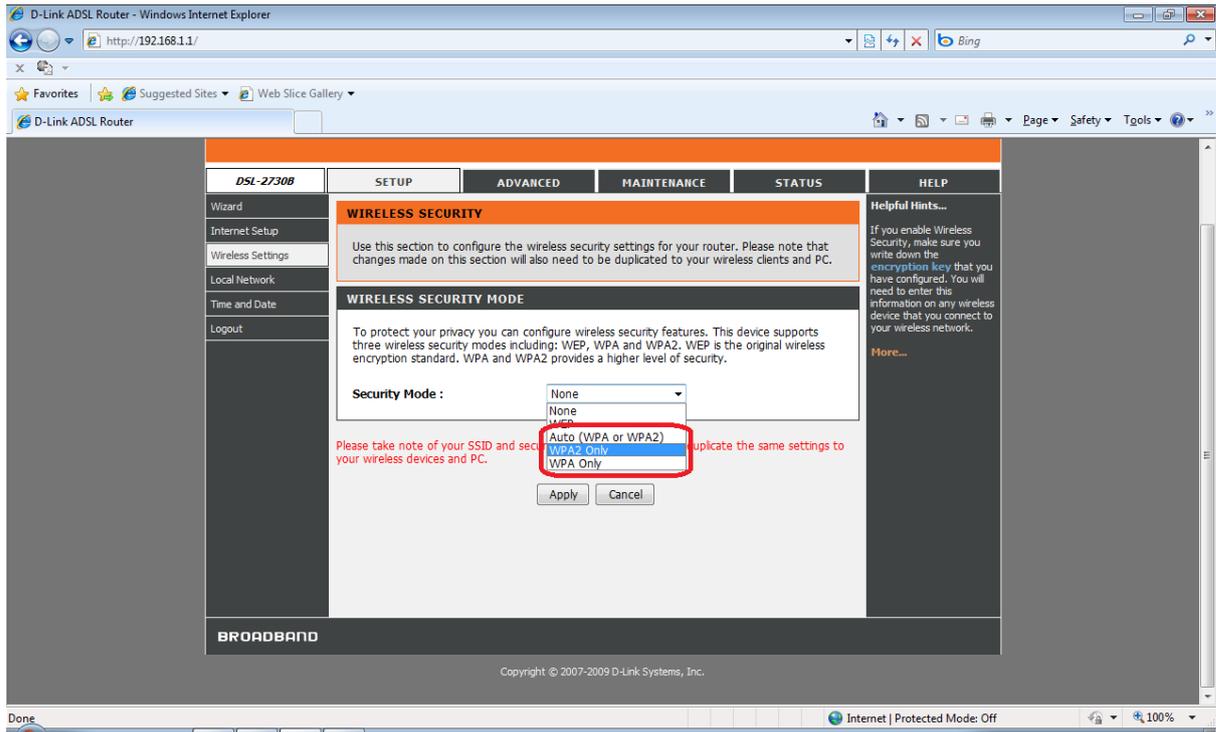
8. Leave the other fields below as default and insert a password / key which will be used to connect your wireless clients to the network.

- WPA Mode: *WPA-PSK*
- Group Key Update Interval*: 3600*
- Pre-Shared Key (password): create a password with a minimum of 8 characters e.g. *passw0rdexample* was used in this guide.

9. Click APPLY to save and activate the changes.

10. On the wireless client, enable the wireless switch (WLAN) if available and scan for wireless networks.

    - Example below is from a Windows 7 laptop connecting to a wireless network.

11. Click on the '**bar graph**' in the task tray, followed by selecting your network from the list and click *Connect*.

12. You will be prompted for the network key.

    - Enter the key you created in step 8 of this guide.