

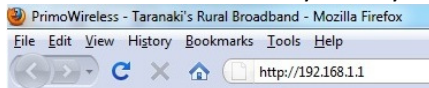
How to setup the Wi-Fi and Security on your EnGenius Router



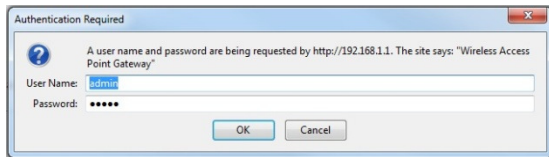
Firstly connect your computer to your EnGenius router by either connecting to the wireless signal it offers (by default it is 'EnGenius' but may be set to another if it has been changed in the past) or by plugging in directly with an Ethernet cable to one of the LAN ports on the back of the unit (see the last page of this manual to see which ports are LAN ports, etc).

Then open a web browser, e.g. Firefox, Internet Explorer, Safari, etc

Login to <http://192.168.1.1> by typing it into the address bar of your browser as below. If this link does not work you may need to use <http://10.1.1.1> due to an older setup.



The router will then ask you for a username and password this is usually still set to default which is 'admin' for the username and 'admin' for the password (you may need to type this in twice to login).



This will then log you into your router and you will see this menu on the left....



Click on 'Wireless' and you will then see a new menu open below it....



Continued on next page....

Now click on 'Basic Settings' and then look at the page that appears on the right....
Notice where the text 'EnGenius' appears? (Or something else if you are changing the name again)....

Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to

Disable Wireless LAN Interface

Band: 2.4 GHz (B+G) ▾

SSID: Engenius

Channel Number: 1 ▾

Associated Clients:

Enable Universal Repeater Mode (Acting as AP and client simultaneously)

SSID of Extended Interface:

Notice: Please use static IP in your PC to manage this device when URM is enabled.

This is where you want to type the name of the wireless network **you** want! (Just like below)....

Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to

Disable Wireless LAN Interface

Band: 2.4 GHz (B+G) ▾

SSID: TypeTheNameYouWant

Channel Number: 1 ▾

Associated Clients:

Enable Universal Repeater Mode (Acting as AP and client simultaneously)

SSID of Extended Interface:

Notice: Please use static IP in your PC to manage this device when URM is enabled.

Once you have changed the name click on the 'Apply Changes' button and you will see.....

Change setting successfully!

Then after about 30-60 seconds the router will reboot and you can continue again.

Now we need to change the security so click on 'Security' in the menu as below....



You will then see the following page load on the right.....

Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys

Encryption: None ▾

Use 802.1x Authentication WEP 64bits WEP 128bits

WPA Authentication Mode: Enterprise (RADIUS) Personal (Pre-Shared Key)

WPA Cipher Suite: TKIP AES

WPA2 Cipher Suite: TKIP AES

Pre-Shared Key Format: Passphrase ▾

Pre-Shared Key:

Enable Pre-Authentication

Authentication RADIUS Server: Port 1812 IP address Shared Secret

Note: When encryption WEP is selected, you must set WEP key value.

Continued on next page....

Now you want to choose the encryption level to be 'WPA2 Mixed' as shown here....

Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys con

Encryption: WPA2 Mixed

Use 802.1x Authentication WEP 64bits WEP 128bits

WPA Authentication Mode: Enterprise (RADIUS) Personal (Pre-Shared Key)

WPA Cipher Suite: TKIP AES

WPA2 Cipher Suite: TKIP AES

Pre-Shared Key Format: Passphrase

Pre-Shared Key:

Enable Pre-Authentication

Authentication RADIUS Server: Port 1812 IP address Shared Secret

Note: When encryption WEP is selected, you must set WEP key value.

Now add some ticks into the Cipher boxes TKIP and AES as below....

Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Key:

Encryption: WPA2 Mixed

Use 802.1x Authentication WEP 64bits WEP 128bits

WPA Authentication Mode: Enterprise (RADIUS) Personal (Pre-Shared Key)

WPA Cipher Suite: TKIP AES

WPA2 Cipher Suite: TKIP AES

Pre-Shared Key Format: Passphrase

Pre-Shared Key:

Enable Pre-Authentication

Authentication RADIUS Server: Port 1812 IP address Shared Secret

Note: When encryption WEP is selected, you must set WEP key value.

This is where you type the password you want to protect your wireless.....

As below the password you want needs to be typed into the Pre-Shared Key field.

Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could

Encryption: WPA2 Mixed

Use 802.1x Authentication WEP 64bits WEP 128bits

WPA Authentication Mode: Enterprise (RADIUS) Personal (Pre-Shared Key)

WPA Cipher Suite: TKIP AES

WPA2 Cipher Suite: TKIP AES

Pre-Shared Key Format: Passphrase

Pre-Shared Key: pass_you_want_goes_here

Enable Pre-Authentication

Authentication RADIUS Server: Port 1812 IP address Shared Secret

Note: When encryption WEP is selected, you must set WEP key value.

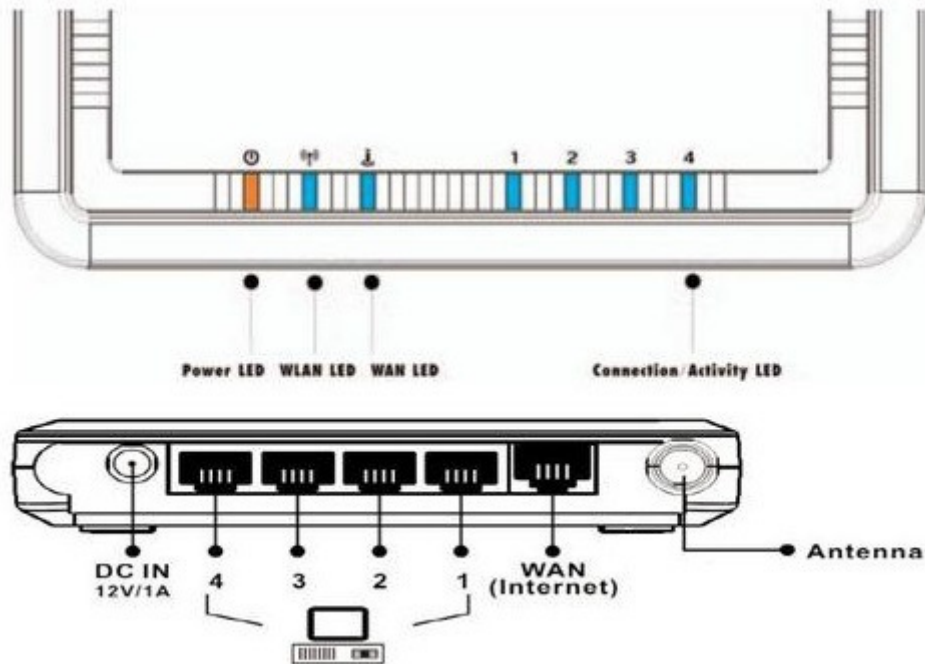
Once you have changed the name click on the 'Apply Changes' button and you will see.....

Change setting successfully!

Then after about 30-60 seconds the router will reboot and you will have successfully secured and renamed the wireless on your EnGenius router.

Continued on next page....

Below is a picture to show in detail where the ports, etc are located on the back of the router.



This guide was intended for use by customers of PrimoWireless and it is specifically for the EnGenius Routers that are supplied during the installation of your PrimoWireless broadband connection.

If you have any questions or comments about this guide please contact the PrimoWireless Helpdesk which is available during its normal office hours of 9am till 6pm, Monday to Friday.

E-mail: support@primowireless.co.nz | Ph Local: 06 756 6620 | Ph Toll Free: 0800 123 PRIMO

THE END