

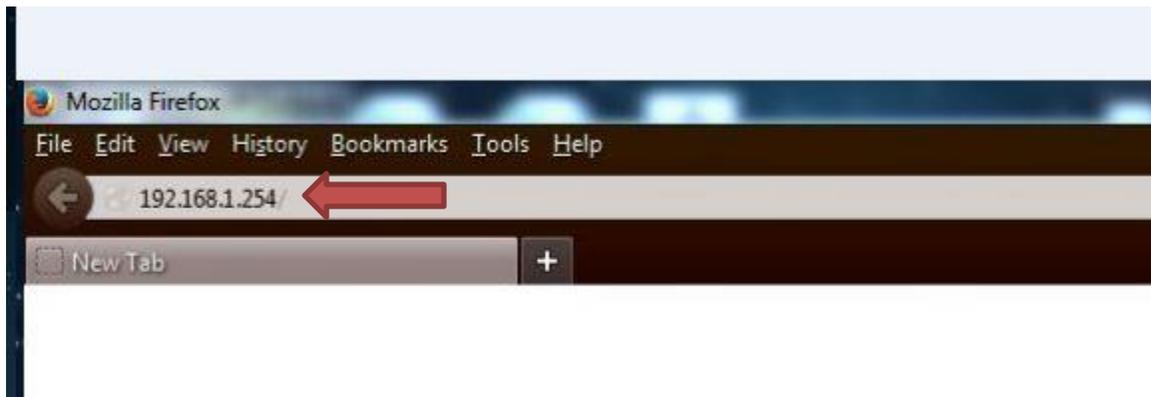
Setting up a BEC modem's wireless functionality.

### Step 1.

Make sure you are plugged directly into the modem with a laptop or PC, using the supplied cable or one of your own. Make sure the modem is powered on and ready to go (usually takes about a minute).

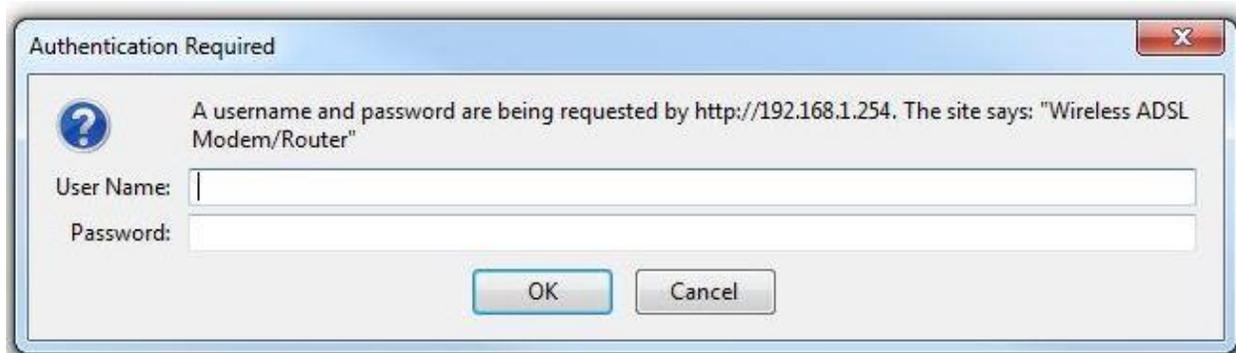
### Step 2.

Log into your modem. Open your Internet browser it can be anything such as Firefox, Internet Explorer, Chrome to name a few. Once that's loaded in your address bar on top erase whatever is there and put this in instead: 192.168.1.254 then hit enter.



### Step 3.

Once you hit enter a box will popup asking for your username and password.



The default username and password are both the same: admin

So you will enter admin in both the username and password portion of the popup.



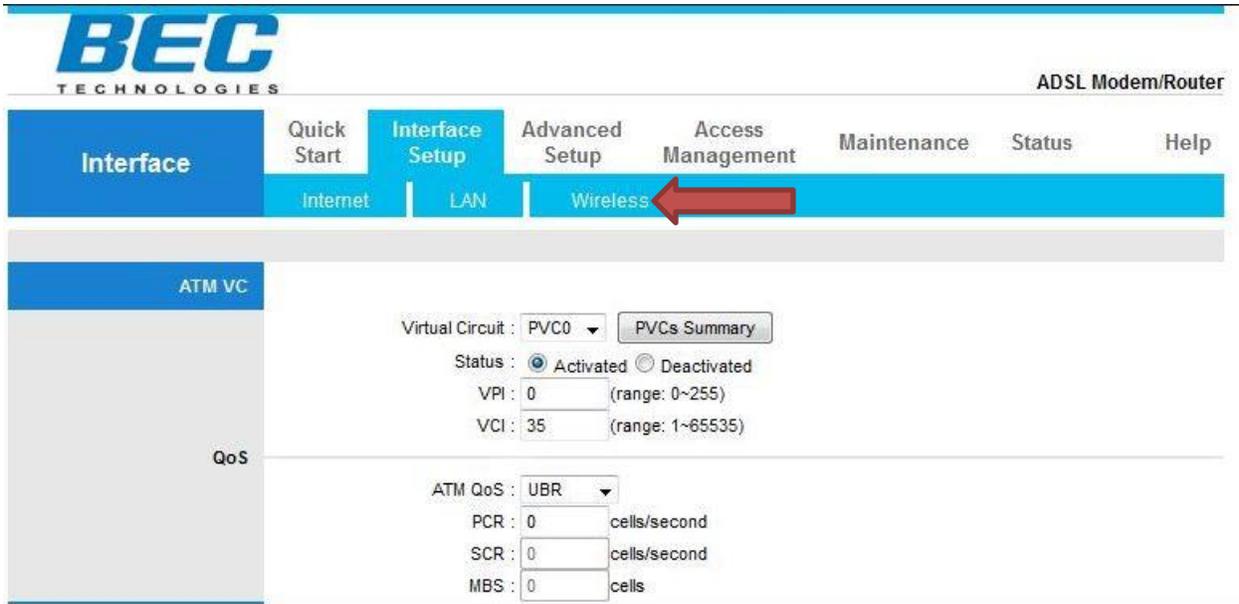
#### Step 4.

Once logged in you'll see this on your screen. From here go to Interface Setup.



## Step 5.

This page will show up on your screen. Then click on wireless.

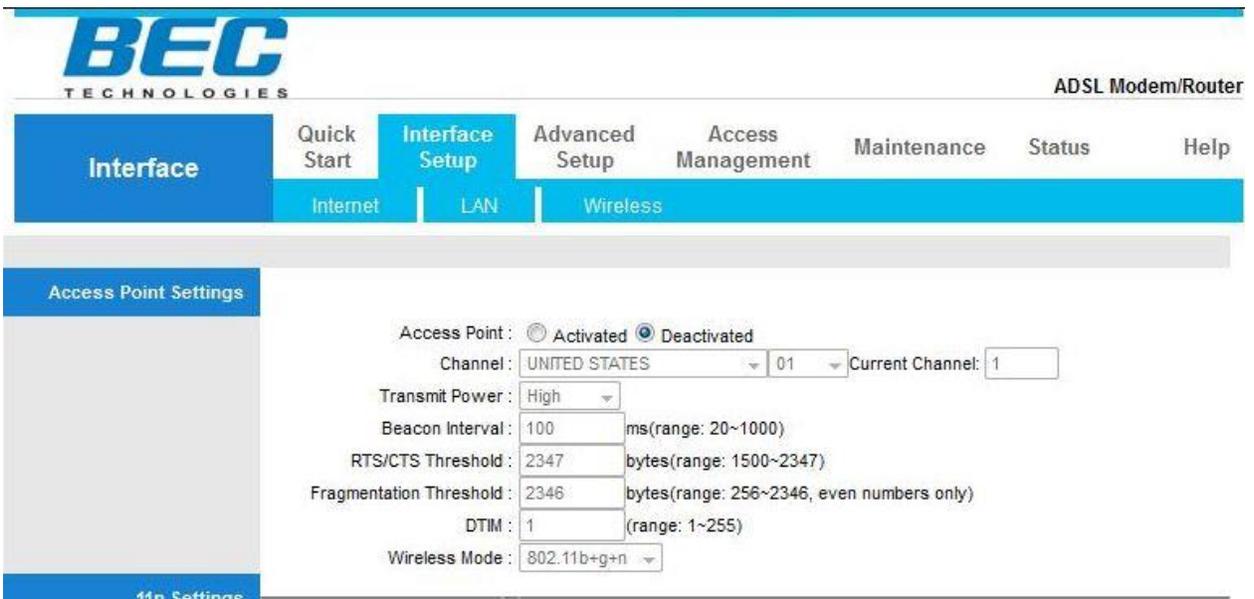


The screenshot shows the BEC Technologies ADSL Modem/Router web interface. The top navigation bar includes 'Interface', 'Quick Start', 'Interface Setup', 'Advanced Setup', 'Access Management', 'Maintenance', 'Status', and 'Help'. Under 'Interface Setup', there are sub-tabs for 'Internet', 'LAN', and 'Wireless', with a red arrow pointing to 'Wireless'. The main content area is titled 'ATM VC' and 'QoS'. It contains the following settings:

- Virtual Circuit: PVC0 (dropdown), with a 'PVCs Summary' button.
- Status:  Activated,  Deactivated
- VPI: 0 (range: 0~255)
- VCI: 35 (range: 1~65535)
- ATM QoS: UBR (dropdown)
- PCR: 0 cells/second
- SCR: 0 cells/second
- MBS: 0 cells

## Step 6.

Once in the wireless page this will be displayed on your screen.

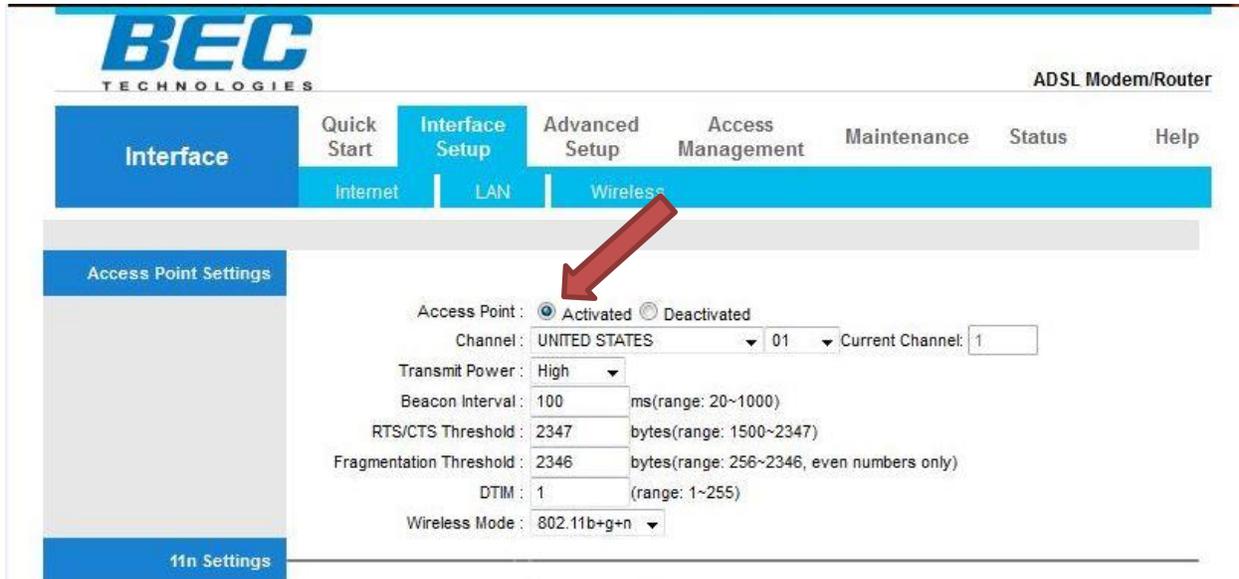


The screenshot shows the BEC Technologies ADSL Modem/Router web interface, specifically the 'Wireless' sub-tab under 'Interface Setup'. The main content area is titled 'Access Point Settings' and contains the following settings:

- Access Point:  Activated,  Deactivated
- Channel: UNITED STATES (dropdown), 01 (dropdown), Current Channel: 1 (text input)
- Transmit Power: High (dropdown)
- Beacon Interval: 100 ms (range: 20~1000)
- RTS/CTS Threshold: 2347 bytes (range: 1500~2347)
- Fragmentation Threshold: 2346 bytes (range: 256~2346, even numbers only)
- DTIM: 1 (range: 1~255)
- Wireless Mode: 802.11b+g+n (dropdown)

## Step 7.

Click on activated to turn on the wireless functionality of the BEC modem.

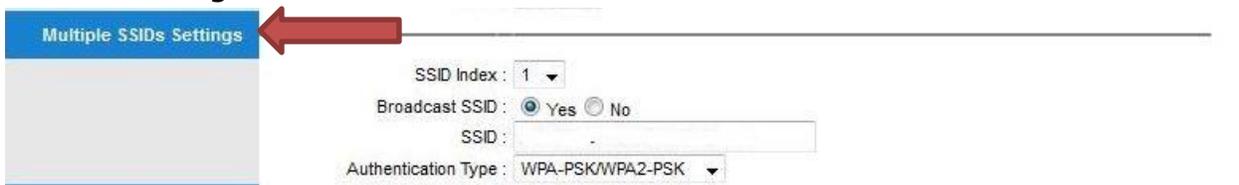


The screenshot shows the BEC Technologies ADSL Modem/Router configuration interface. The 'Interface Setup' tab is selected, and the 'Wireless' sub-tab is active. The 'Access Point Settings' section is visible, with the 'Access Point' radio button set to 'Activated'. A red arrow points to this radio button. Other settings include Channel: UNITED STATES, 01, Current Channel: 1, Transmit Power: High, Beacon Interval: 100 ms, RTS/CTS Threshold: 2347 bytes, Fragmentation Threshold: 2346 bytes, DTIM: 1, and Wireless Mode: 802.11b+g+n.

## Step 8.

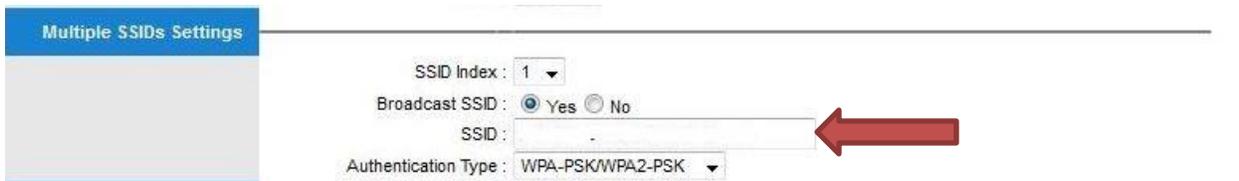
Once turned on you can now edit your SSID (name of the wireless connection) and also put your password in place.

A little ways down on the screen you'll see a place that says Multiple SSIDs Settings.



The screenshot shows the 'Multiple SSIDs Settings' section. The 'Multiple SSIDs Settings' tab is selected, and a red arrow points to it. The settings include SSID Index: 1, Broadcast SSID: Yes, SSID: -, and Authentication Type: WPA-PSK/WPA2-PSK.

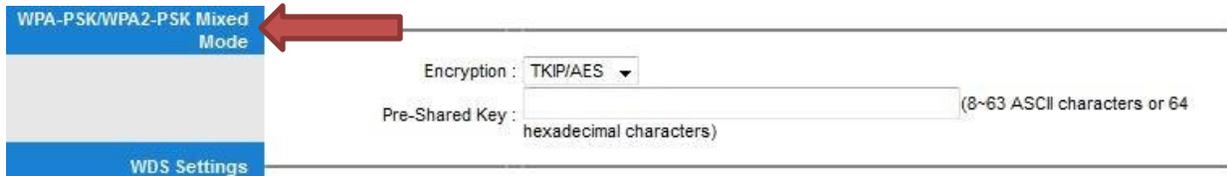
To the right of that is where you'll put your SSID name. It can be whatever you want to identify it's yours.



The screenshot shows the 'Multiple SSIDs Settings' section. The 'Multiple SSIDs Settings' tab is selected, and a red arrow points to the SSID input field, which currently contains a hyphen (-).

## Step 9.

Once you're done putting in your SSID a little ways down on the same screen you'll see on the left WPA-PSK/WPA2-PSK Mixed Mode



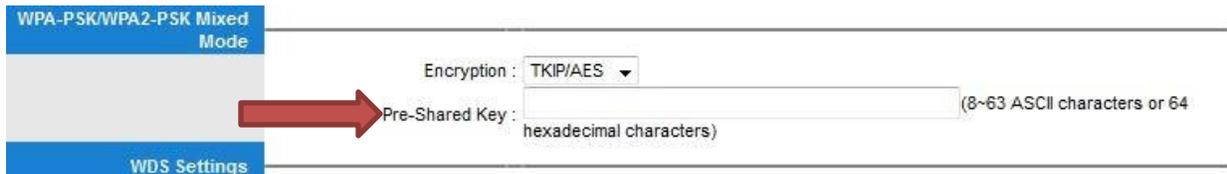
WPA-PSK/WPA2-PSK Mixed Mode

Encryption : TKIP/AES ▼

Pre-Shared Key :  (8-63 ASCII characters or 64 hexadecimal characters)

WDS Settings

To enter a password for your wireless you have to put in a Pre-Shared Key. \*Note there is already a Pre-Shared Key in there, you can use that if you wish or erase it and put something else. It has to be at least 8 characters long.



WPA-PSK/WPA2-PSK Mixed Mode

Encryption : TKIP/AES ▼

Pre-Shared Key :  (8-63 ASCII characters or 64 hexadecimal characters)

WDS Settings

## Step 10.

Once your done putting in your SSID and your password for the wireless scroll to the very bottom of the page and hit save.



Wireless MAC Address Filter

Active :  Activated  Deactivated

Action : Allow Association ▼ the follow Wireless LAN station(s) association.

Mac Address #1 :	<input type="text"/>
Mac Address #2 :	<input type="text"/>
Mac Address #3 :	<input type="text"/>
Mac Address #4 :	<input type="text"/>
Mac Address #5 :	<input type="text"/>
Mac Address #6 :	<input type="text"/>
Mac Address #7 :	<input type="text"/>
Mac Address #8 :	<input type="text"/>

SAVE CANCEL

Your wireless is now setup and ready to go. Close out the window you are currently in and you can start to connect your wireless devices.