

## How to install BEC 2090AC Wi-Fi Extender

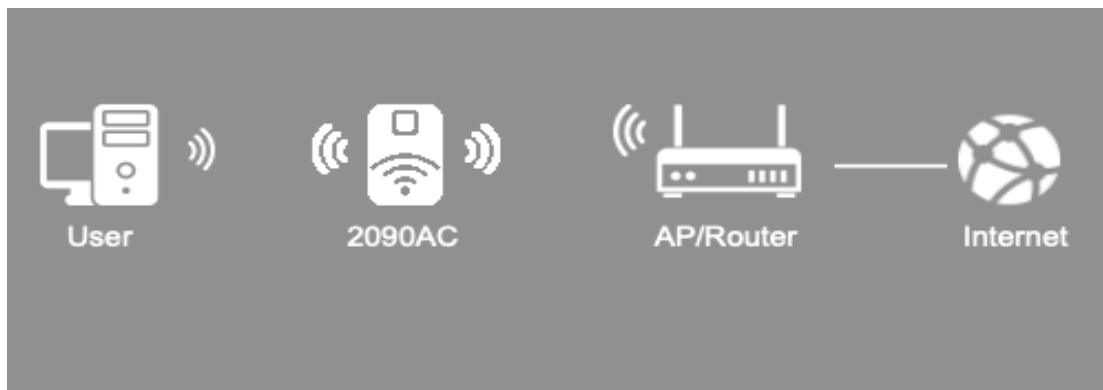
### Summary

The BEC 2090AC Wi-Fi extender boosts your existing network range and speed, delivering dual-band Wi-Fi. You can also use the extender in access point mode as a Wi-Fi access point to create a new Wi-Fi hotspot by using a wired Ethernet connection.

### How BEC 2090AC Works

The 2090AC works like a bridge between a Wi-Fi router and a Wi-Fi device outside the range of the Wi-Fi router. BEC 2090AC can perform in two modes:

- **Repeater mode:**



When the extender connects over Wi-Fi to an existing network, it performs as a network client and repeats the existing Wi-Fi signal to the dead zone.

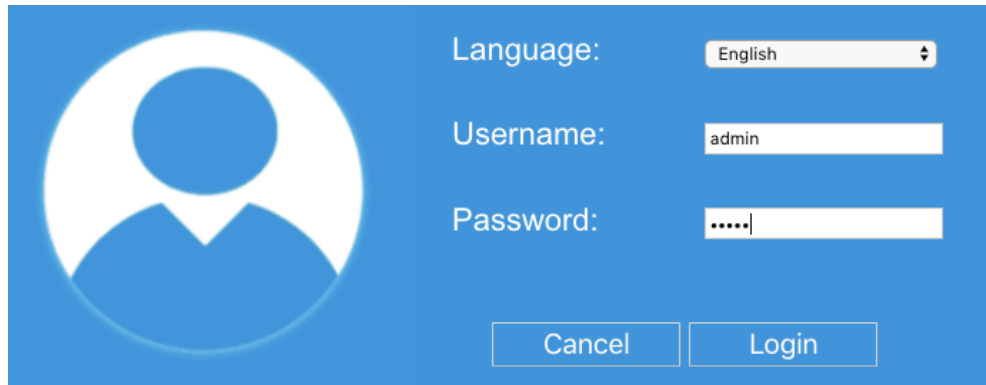
- **Access Point mode:**



The 2090AC broadcasts its own Wi-Fi network that Wi-Fi devices can join. In AP mode, the 2090AC creates a new Wi-Fi hotspot by using a wired Ethernet connection.

## Install 2090AC in repeater mode

1. Place 2090AC in the same room as your existing Wi-Fi router. (This step is required only during the initial setup process)
2. Plug the 2090AC into an electrical outlet and turn on the power on the right side of the extender.
3. Connect to the 2090AC
  - (a) Unplug the Ethernet cable from your computer if any.
  - (b) Click the Wi-Fi icon on the taskbar and connect to the 2090AC's SSID (BEC\_2090AC\_2.4G or BEC\_2090AC\_5G). Password is 12345678.
4. Configure
  - (a) Launch a web browser and type 192.168.68.1 in the address bar. Enter admin (all lowercase) for both username and password.



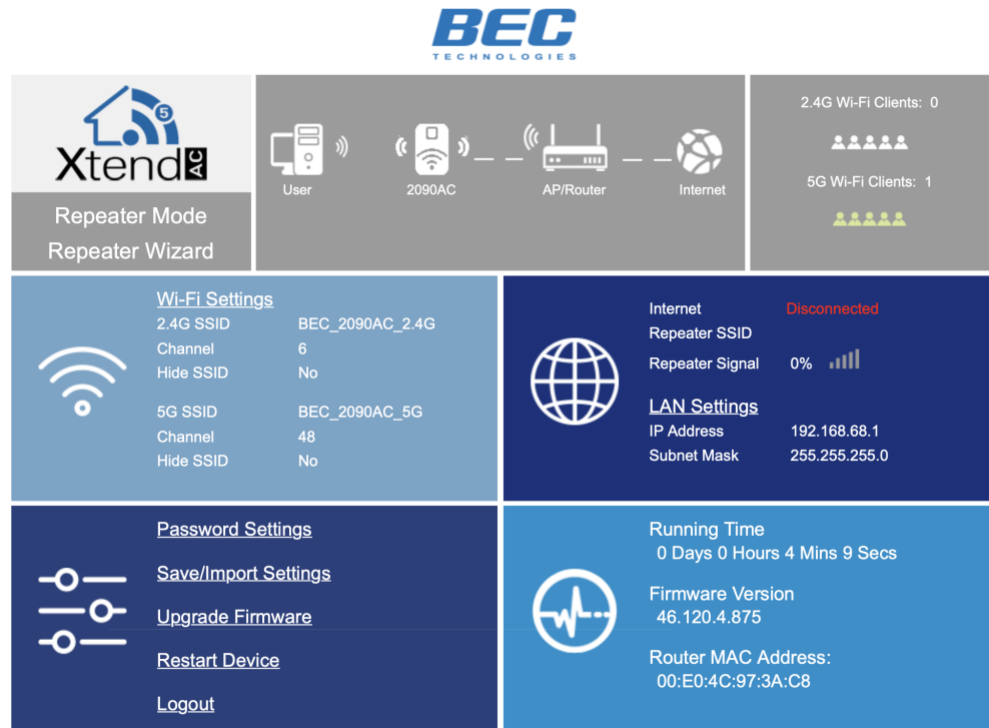
Language: English

Username: admin

Password: .....

Cancel Login

(b) Click login and you will see the following screen. Click on “Repeater Wizard”



(c) All available Wi-Fi networks will be shown in a screen like the one shown here

**Repeater Wizard**

SSID	Channel	Security and Encryption	Signal	Choose
BEC580	11	WPA-PSK/WPA2-PSK	📶	<input type="radio"/>
BEC_N2G	11	WPA-PSK/WPA2-PSK	📶	<input type="radio"/>
ROOter_MarcoDesk	11	WPA-PSK	📶	<input type="radio"/>
WIN_101004	11	WPA2-PSK	📶	<input checked="" type="radio"/>
guestNetworkMarco	11	WPA-PSK	📶	<input type="radio"/>
BEC880	6	WPA-PSK/WPA2-PSK	📶	<input type="radio"/>
JWA-AC2323M	4	WPA-PSK/WPA2-PSK	📶	<input type="radio"/>
BEC2F5	6	WPA-PSK/WPA2-PSK	📶	<input type="radio"/>

Connect to:

5G SSID:

2.4G SSID:

- (d) Chose the SSID that you want your 2090AC connect to and input the password for that SSID in the “Key” field. The 2090AC’s SSID will rename to XXX-5G-ext and XXX-2.4G-ext.
- (e) The 2090AC wireless key will be the same as your wireless router after these settings.
- (f) Click “Save” button to save the setting.

### Repeater Wizard

SSID	Channel	Security and Encryption	Signal	Choose
BEC580	11	WPA-PSK/WPA2-PSK		<input type="radio"/>
BEC_N2G	11	WPA-PSK/WPA2-PSK		<input checked="" type="radio"/>
ROOter_MarcoDesk	11	WPA-PSK		<input type="radio"/>
WIN_101004	11	WPA2-PSK		<input type="radio"/>
guestNetworkMarco	11	WPA-PSK		<input type="radio"/>
BEC880	6	WPA-PSK/WPA2-PSK		<input type="radio"/>
JWA-AC2323M	4	WPA-PSK/WPA2-PSK		<input type="radio"/>
BEC2F5	6	WPA-PSK/WPA2-PSK		<input type="radio"/>

Connect to:

Key:  12

Notice: The Repeater Wireless Key will be the same as your Wireless AP/Router after these settings.

5G SSID:

2.4G SSID:

5. Find the best location

- Plug in the 2090AC about halfway between your router and the Wi-Fi dead zone. The location you choose must be within the range of the host network.
- Wait until the LEDs are lit. Make sure the 2090AC is in a location with 2 or more LEDs lit. If not, relocate the 2090AC closer to the router to achieve better signal quality.

## FAQ

### **How to Reset to defaults?**

A: While the power is still on, keep pressing the reset button on the right side of the product for 5 to 10 seconds, and it will restore to factory settings.

### **Why cannot I see the login page after entering <http://192.168.68.1> in the browser?**

A: Make sure your PC or phone is connected to the extender network and has disconnected from any other network. Also please make sure your PC or phone is set to obtain an IP address automatically.

### **My signal from the range extender is weak and keeps dropping off.**

A: Please place the extender in a proper location, i.e. where a minimum of 3 router signal strength bar is shown (please check the signal strength of that specific location with your phone or PC)