

Changing the Wireless Settings on the WCB3000N

There are a couple of ways to configure the wireless settings of the Extender to match that of an existing wireless network and create a single wireless network that uses multiple access points: using WPS (Wi-Fi Protected Setup), or accessing the Extender's graphical user interface (GUI) via a web browser.

Using WPS

To set up the Extender to match the wireless network generated from a WPS-equipped gateway/router:

1. Press the Extender's WPS button (on the top or right-hand panel of the device) for no less than eight seconds.
2. Within two minutes, press the WPS button the gateway/router.
3. When the red ring around the WPS button on the Extender stops blinking, the Extender's wireless network settings will be identical to that of the gateway/router's wireless network.

To verify these changes, see "Verifying Changed Wireless Settings" at the end of this guide.

Accessing the Extender's GUI

There are two ways to access the Extender's GUI, as explained below. We recommend trying the "Web Link" method first, as discovering the Extender's IP address involves entering the gateway/router's GUI, which can be different for different gateway/routers.

Web Link

To access the Extender's GUI through its local web link:

1. Install the Extender using the instructions provided on the Quick Start Guide.
2. Connect the Extender and a computer with an Ethernet cable.
3. Open a web browser on the computer and enter <http://wecb-XXXX.local> in the address bar, where XXXX stands for the last four digits of the Extender's serial number. The serial number can be found on the label located on the back panel of the Extender.
4. The Extender's GUI appears in the web browser. Go to "Configuring Wireless Settings," below, to finish setting up the Extender.

IP Address

If the “Web Link” method does not work, use the following procedure:

1. Install the Extender using the instructions provided on the Quick Start Guide.
2. Connect the Extender and a computer with an Ethernet cable.
3. Access the GUI of the gateway/router to which the Extender is connected (refer to the gateway/router’s user manual for details).
4. Find the list of devices connected to the gateway/router (refer to the gateway/router’s user manual for more information).
5. Write down the IP address of the Extender.
6. On a computer connected to the Extender via Ethernet cable (see step 2), enter the IP address written down in step 5 in the address box of a web browser.
7. The Extender’s graphical user interface (GUI) login screen appears.

Configuring the Extender’s Wireless Settings

Once the GUI has been accessed, configure the Extender’s wireless settings. To do this:

1. Enter “admin” (no quotation marks) in both the “Username” and “Password” text boxes, then click **OK**.



Login

User Name:

Password:

OK

The Extender’s GUI’s “Status” screen appears, as shown in the figure below. Click on the Wireless Setup icon in the menu bar at the top of the screen.



Actiontec Creative Solutions for the Digital Life

Hi admin • Logout • Change Password

Status Wireless Setup MoCA Setup Advanced Setup

Wireless Status

Wireless Band: 2.4GHz (G+N)

Wireless Radio: Enabled

Wireless SSID: Actiontec-2.4

Wireless Security: WPA/WPA2 Mixed

Wireless Channel: Automatic

Wireless MAC: 10:9F:a9:80:60:93

Associated Clients: 0

Wireless Band: 5GHz (A+N)

Wireless Radio: Enabled

Wireless SSID: Actiontec-5

Wireless Security: WPA/WPA2 Mixed

Wireless Channel: Automatic

Wireless MAC: 10:9F:a9:80:60:8F

Associated Clients: 0

Network Stations

817b:86:18:27:84 Connected 192.168.3.1 Via Ethernet

00:50:f4:d3:f8:b Connected 192.168.3.101 Via Ethernet

MoCA Coax Status

MoCA Channel: Automatic

MoCA Privacy: Disabled

MoCA MAC: 10:9F:a9:80:60:8C

Product Information

Model Number: WCB3000

Firmware Version: v0.16.4.3

System Time: 6day/0h:15m:40s

IP Address: 192.168.3.100

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.3.1

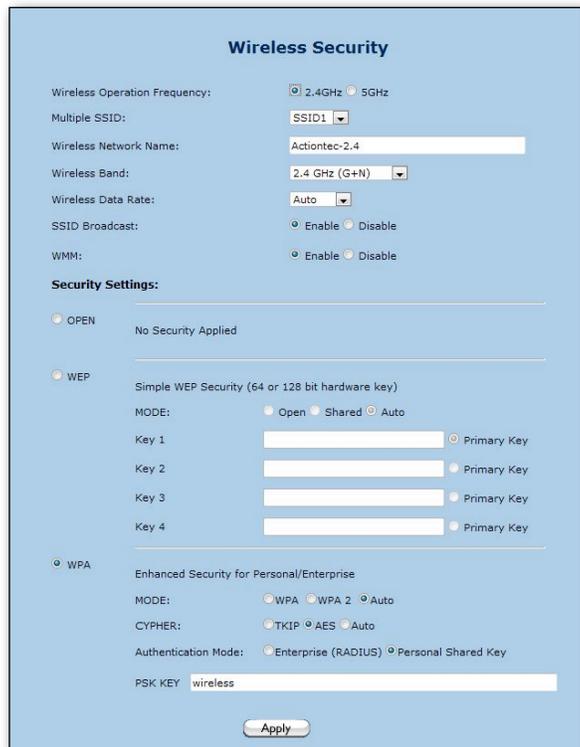
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2. The first wireless screen appears. Select **Wireless Security** from the menu on the left.



3. The Wireless Security screen appears. From this screen, change the SSID (network name), the wireless network security type (WEP, WPA, or WPA2), and the password/passphrase to match that of the gateway/router's wireless network, then click **Apply**.

Note: This can be done for both the 2.4 GHz and 5 GHz wireless bands, if the gateway/router supports both frequency bands.



Verifying Changed Wireless Settings

If verification of the Extender's wireless network settings is required (particularly if the network was set up via WPS), do the following:

1. Access the Extender's GUI (using either the "Web Link" or "IP Address" method, explained above).
2. Enter "admin" (no quotation marks) in both the "Username" and "Password" text boxes, then click **OK**.

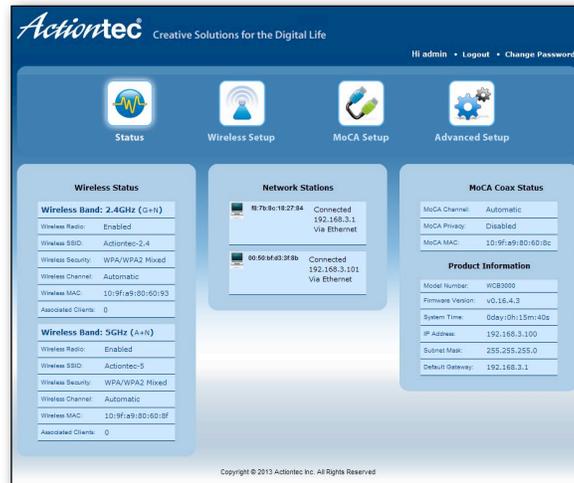


Login

User Name:

Password:

The Extender's GUI's "Status" screen appears, as shown in the figure below. Click on the Wireless Setup icon in the menu bar at the top of the screen.



Actiontec Creative Solutions for the Digital Life

Hi admin • Logout • Change Password

Status Wireless Setup MoCA Setup Advanced Setup

Wireless Status

Wireless Band: 2.4GHz (G+N)

Wireless Radio: Enabled

Wireless SSID: Actiontec-2.4

Wireless Security: WPA/WPA2 Mixed

Wireless Channel: Automatic

Wireless MAC: 10:9F:a9:80:60:93

Associated Clients: 0

Wireless Band: 5GHz (A+N)

Wireless Radio: Enabled

Wireless SSID: Actiontec-5

Wireless Security: WPA/WPA2 Mixed

Wireless Channel: Automatic

Wireless MAC: 10:9F:a9:80:60:8F

Associated Clients: 0

Network Stations

8:7b:86:18:27:84 Connected
192.168.3.1
Via Ethernet

00:50:f4:d3:3f:8b Connected
192.168.3.101
Via Ethernet

MoCA Coax Status

MoCA Channel: Automatic

MoCA Privacy: Disabled

MoCA MAC: 10:9F:a9:80:60:8C

Product Information

Model Number: WCB3000

Firmware Version: v0.16.4.3

System Time: 6day/0h:15m:40s

IP Address: 192.168.3.100

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.3.1

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3. The first wireless screen appears. Select **Wireless Security** from the menu on the left.



4. The Wireless Security screen appears. From this screen, check that the settings match that of the gateway/router's wireless network.

Note: Both the 2.4 GHz and 5 GHz wireless bands, if the gateway/router supports both frequency bands, can be checked from this screen.

