

RUCKUS One Online Help (index.html)

Search



Advanced Settings

Available in the Wi-Fi Configuration tab for a venue, the Advanced sub-tab allows you to enable or disable the LEDs and USB ports for specific AP models, and enable or disable the BSS Coloring feature.

Complete the following steps to enable AP LEDs, USB ports, and BSS Coloring settings.

1. On the navigation bar, click Venues.
The Venues page is displayed.
2. Click the check box for the specific Venue name, then click Edit. Alternatively, click the specific Venue name, then click Configure.
3. Select the Wi-Fi Configuration > (and then)Advanced tab.
The Advanced Settings tab is displayed.

Venue Wi-Fi Configuration: Advanced Tab

Venues /

R720venue

Venue Details

Wi-Fi Configuration

Switch Configuration

Property Management

Radio

Networking

Security

Network Control

Advanced

Access Point LEDs


Access Point USB Support

BSS Coloring

Access Point Management VLAN

AP Auto-Reboot on GW Timeout

Access Point LEDs

Model	LEDs Status	
R610	<input checked="" type="checkbox"/>	
R720	<input checked="" type="checkbox"/>	

Add Model

Access Point USB Support


Model	USB Status ⓘ
R720	<input checked="" type="checkbox"/>

Add Model

BSS Coloring

Save

Cancel

- Click Add Model, select an AP model from the Model drop-down list.
- (Optional) Toggle the LEDs Status switch, if desired. By default, the LEDs Status is enabled.
- (Optional) Click the  icon to delete a model.


7. (Optional) Toggle Access Point USB Support to enable to USB interface in the AP model.


This option is only available for AP models that have a USB interface.

Enable or disable the USB port for IoT-connected devices. When you enable it, the port supports IoT device connectivity and data transfer.

Note: For PoE APs, you cannot use the USB port with PoE 802.3af or 802.3at because of insufficient power.

8. Toggle the BSS Coloring switch to enable or disable the Basic Service Set (BSS) feature. By default, this feature is enabled. BSS Coloring marks shared frequencies to allow 802.11ax access points to determine whether simultaneous use of spectrum is permissible. This technology reduces interference due to congestion and ensures consistent service to multiple connected devices in high-density environments. This configuration is now supported at the overall venue and individual AP level.

Click the  icon to view the feature synopsis and the supported AP model families (denoted by their applicable IEEE 802.11 standard). Click See the compatibility requirements to view the compatibility requirement information, such as the number of current incompatible APs, the minimum required version, and the supported AP model families (denoted by their applicable IEEE 802.11 standard).

Note: If you disable or enable one of the features that depends on AP compatibility, then RUCKUS One automatically checks AP compatibility as part of the venue or network configuration update. Click the  icon in the upper-right corner of the UI header, then click the related network or venue settings activity to view the Activity Details. Here you can do the following:

- View the status of the resulting AP compatibility check.
- Click See incompatible report to view a list of the incompatible APs.

9. In Access Point Management VLAN, set the Management VLAN ID value from 1 to 4094. Ensure that you configure the network switches with the corresponding settings.
10. The AP Auto-Reboot on GW Timeout is configured to reboot the AP. An AP is automatically rebooted if it cannot reach its gateway (GW) or controller within a specified time frame. This is a safeguard mechanism to ensure network stability and connectivity. If the AP loses connection to the GW or controller, it will attempt to reboot itself in hopes of re-establishing the connection. By enabling the Gateway Connection Monitor, you can select how long the AP will wait before rebooting if it cannot reach the gateway. By enabling the Controller Connection Monitor, you can select how long the AP will wait before rebooting if it cannot reach the controller.
11. Click Save.

800-73730-001 Rev E 29 May 2025

© 2024 CommScope, Inc. All rights reserved.