

Basic Wireless Settings on RV110W

Objective

With the the web configuration utility, an user can change various wireless settings on the RV110W so that the router runs at its optimum performance. This article explains how to configure basic wireless settings on the RV110W.

Applicable Devices

- RV110W

Steps of Procedure

Step 1. Use the web configuration utility to choose **Wireless > Basic Settings**. The *Basic Setting* page opens.

Basic Settings

Radio: Enable

Wireless Network Mode: B/G/N-Mixed

Wireless Band Selection: 20MHz 20/40MHz

Wireless Channel: 6-2.437 GHZ

AP Management VLAN: 1

U-APSD (WMM Power Save): Enable

Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wireless Isolation with SSID	WMM	WPS Hardware Button
<input checked="" type="checkbox"/>	ciscosb1	<input checked="" type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
<input type="checkbox"/>	ciscosb2	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	ciscosb3	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	ciscosb4	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

Edit Edit Security Mode Edit MAC Filtering Time of Day Access

Save Cancel

Step 2. To the right of Radio, check the **Enable** checkbox to enable wireless networks.

Step 3. From the Wireless Network Mode drop-down field, choose a wireless network mode.

- B/G/N-Mixed — This option allows Wireless-N, Wireless-B, and Wireless-G devices to connect to the network.
- B Only — This option only allows Wireless-B devices connect to the network.
- G Only — This option only allows Wireless-G devices connect to the network.
- N Only — This option only allows Wireless-N devices connect to the network.
- B/G-Mixed — This option allows Wireless-B and Wireless-G devices to connect to the network.
- G/N-Mixed — This option allows Wireless-G and Wireless-N devices to connect to the network.

Step 4. If you choose B/G/N-Mixed, N-Only, or G/N-Mixed, click either the **20MHz** radio

button or the **20/40MHz** radio button to set the wireless bandwidth.

Step 5. From the Wireless Channel drop-down menu, choose a channel to which to connect.

Step 6. From the AP Management VLAN drop-down menu, choose a VLAN ID to which to connect.

Step 7. To the right of U-APSD (WMM Power Save), check the **Enable** checkbox to enable the Unscheduled Automatic Power Save Delivery (U-APSD) (or WMM Power Save) to conserve power.

Step 8. Click **Save** to save changes or **Cancel** to discard them.

Wireless Table

The screenshot shows the 'Basic Settings' configuration page. The 'Radio' section is checked 'Enable'. 'Wireless Network Mode' is set to 'B/G/N-Mixed'. 'Wireless Band Selection' has '20/40MHz' selected. 'Wireless Channel' is '6-2.437 GHZ'. 'AP Management VLAN' is '1'. 'U-APSD (WMM Power Save)' is checked 'Enable'. Below this is the 'Wireless Table' with the following data:

<input type="checkbox"/>	Enable SSID	SSID Name	SSID Broadcast	Security Mode	MAC Filter	VLAN	Wireless Isolation with SSID	WMM	WPS Hardware Button
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ciscosb1	<input checked="" type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb2	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb3	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>
<input type="checkbox"/>	<input type="checkbox"/>	ciscosb4	<input type="checkbox"/>	Disabled	Disabled	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/>

Below the table are buttons for 'Edit', 'Edit Security Mode', 'Edit MAC Filtering', and 'Time of Day Access'. At the bottom are 'Save' and 'Cancel' buttons.

Step 1. Check the checkbox in the first column of the Service Set Identifier (SSID) that you want to edit.

Step 2. Click **Edit** to edit SSID properties.

Step 3. In the Enable SSID column, click **On/Off** icon to enable an SSID.

Step 4. In the SSID Broadcast column, check the check box to broadcast the SSID to other wireless devices.

Step 5. From the VLAN drop-down menu, choose a VLAN ID that the network associates with.

Step 6. In the Wireless Isolation with SSID column, check the checkbox to wirelessly isolate the SSID.

Step 7. In the WMM column, check the checkbox to enable Wi-Fi Multimedia (WMM).

Step 8. In the WPS Hardware Button column, click the radio button to map the WPS button on the front of the casing for the RV110W to the network.

Step 9. Click **Save** to save changes or **Cancel** to discard them.