

Wireless Distribution System (WDS) Settings on the RV110W

Objective

Wireless Distribution System (WDS) is a system that wirelessly connects multiple access points to help expand the area of a network. To establish such a system, all WDS devices need to be set to the same WDS settings. This article explains how to configure WDS settings on the RV110W.

Applicable Devices

- RV110W

Steps of Procedure

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

WDS

WDS MAC Address: 54:75:D0:E3:A2:B8

Allow wireless signal to be repeated by a repeater

Auto Manual

Remote Access Point's MAC Address:

Show Site Survey

MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)

MAC 2

MAC 3

Save Cancel

Step 2. Check the **Allow wireless signal to be repeated by a repeater** checkbox to enable WDS.

Step 3. Click the **Auto** radio button to have the RV110W automatically detect remote access points, or click the **Manual** radio button to enter the MAC address of the device that repeats the signal.

Note: If you choose Auto, skip to step 9.

WDS

WDS MAC Address: 54:75:D0:E3:A2:B8

Allow wireless signal to be repeated by a repeater

Auto Manual

Remote Access Point's MAC Address:

Hide Site Survey

Available Networks Table						
	Network Name (SSID)	Channel	Security	Signal	MAC Address	
<input type="checkbox"/>	WSU Guest	6	Disabled	48%	00:14:1C:F1:21:30	▲
<input type="checkbox"/>	WSU Guest	6	Disabled	12%	00:14:1C:F1:1B:70	≡
<input type="checkbox"/>	WSU Secure	6	WPA2-Enterprise	48%	00:14:1C:F1:21:31	
<input type="checkbox"/>	wushock	6	WEP	49%	00:14:1C:F1:21:32	
<input type="checkbox"/>	ciscosb	6	Disabled	82%	00:1C:10:F6:AD:B4	
<input type="checkbox"/>	MITM-Test	8	Disabled	82%	00:40:96:29:23:8F	
<input type="checkbox"/>	MKTECH	9	WPA2-Personal	44%	E8:B7:48:5E:4D:20	▼

MAC 1 (Hint: 00:11:22:33:44:55 or 001122334455)

MAC 2

MAC 3

Step 4. (Optional) Click **Show Site Survey** to view all networks available.

Step 5. (Optional) Click **Refresh** to update table.

Step 6. (Optional) Check the checkboxes of up to three networks that you want to repeat.

Step 7. (Optional) Click **Connect** to add the MAC addresses of the three networks to the MAC address fields.

Step 8. In any empty MAC address field, enter the MAC address of a network to which you want to connect.

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