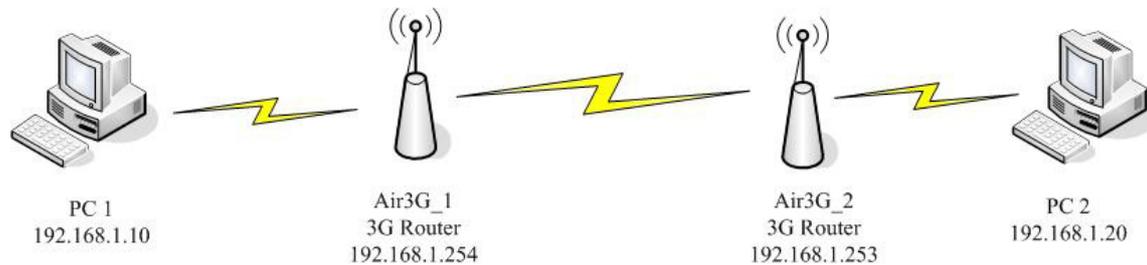


How to connect Air3G using WDS Bridge

The network topology is like below:



Air3G_1 and Air3G_2 would be connected wirelessly. And PC1 and PC2 would connect to Air3G wirelessly.

In the topology, Air3G would be connected using WDS bridge.

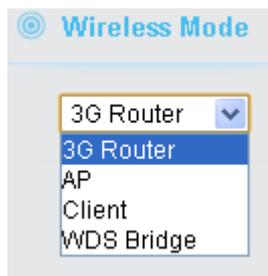
The condition makes WDS bridge connected is:

1. MAC address.
2. The same Channel.
3. WDS Security.

The followings are the steps to make the WDS connection. After doing the steps, Air3G should connect successfully.

The attached file is step by step document.

1. Please change Air3G_1 to 3G Router mode.(Manual page 29)



2. Please set the channel that is less used and click "Apply change" to save the settings.

3. Please Click WDS Setting “Setup” to configure the WDS Settings.

Wireless Settings

Wireless Interface	Enable
Regulatory Domain	South America (14 channel)
Network Name(SSID)	ch14_test <input type="checkbox"/> Hide SSID
Multiple SSID	Setup
Frequency (Channel)	2412MHz (Channel 1)
Network Mode	11b/g/n
Wireless Security	Setup
Client Isolation	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Tx Output Power	About 27dBm(default)
Access Control	Setup
Bandwidth Control	Setup
Associated Clients	Setup
Advance Settings	Setup
WMM Settings	Setup
WDS Settings	Setup
WPS Settings	Setup

4. Please enable the WDS Repeater and set AP1 Encrypt Type and Encrypt key. Please note that Air3G_1 and Air3G_2 must be set as the same security. In the blank “ AP1 MAC Address”, please input Air3G_2 Wireless MAC Address and apply change to save the settings. Air3G should be reboot to make it effective. You might refer to the user manual at the page 48.

WDS Settings

<input checked="" type="checkbox"/> Enable WDS Repeater	
AP1 Encrypt Type	NONE
Encryp Key	
AP1 MAC Address	Format: (XX-XX-XX-XX-XX-XX)

5. Please do step 1 to Step 4 to configure Air3G_2. After configuration, Air3G_1 and Air3G_2 would be connected. Please use ping command to check whether Air3G_1 and Air3G_2 connected successfully.