

How to connect WH-5400CPE and WH-5420CPE using Bridge mode

WH-5400CPE

1. Please Login WH-5400CPE Web Console.
2. Please Change WH-5400CPE to Wireless Bridge mode and click Apply to make it effective.

The screenshot shows the 'System Configuration -> System Properties' page. On the left, a navigation menu is visible with 'System Properties' highlighted under 'System Configuration'. The main content area has the following fields:

- Device Name:** AP (1 to 32 characters)
- Country/Region:** NO_COUNTRY_SET - NA
- Operation Mode:** Radio buttons for Access Point, Wireless Client, Repeater, and **Wireless Bridge** (selected).

At the bottom, there are 'Apply' and 'Cancel' buttons. A red box highlights the 'Apply' button, and a red '3' is placed next to it. A red '2' is placed next to the 'Wireless Bridge' radio button. Below the form, a message states: 'You must click Apply to save your settings before moving to another page.'

3. Please set the channel that is little used. Please note that WH-5400CPE and WH-5420CPE channel have to be the same.

The screenshot shows the 'System Configuration -> Wireless Network' page. On the left, the navigation menu has 'Wireless Network' highlighted under 'System Configuration'. The main content area has the following fields:

- SSID:** 5400CPE (1 to 32 characters)
- Wireless Mode:** 2.4GHz 54Mbps (802.11g)
- Channel / Frequency:** 2412MHz (Channel 1)

At the bottom, there are 'Apply' and 'Cancel' buttons. A red box highlights the 'Apply' button, and a red '3' is placed next to it. A red '2' is placed next to the 'Channel / Frequency' dropdown. Below the form, a message states: 'You must click Apply to save your settings before moving to another page.'

- Please input WH-5420CPE wireless MAC and change mode to enable. And then click apply to make it effective.

Wireless Bridge

- System Status
 - System Summary
 - WDS Link Status
- System Configuration
 - System Properties
 - IP Settings
 - Wireless Network
 - WDS Link Settings** 1
 - WDS Security Settings
 - Wireless Advanced Settings
- Management
 - Administration
 - Backup/Restore Settings
 - Firmware Upgrade
 - Reboot

System Configuration -> WDS Link Settings

ID	MAC Address	Mode
1	00 : 4F : 62 : 12 : 34 : 56	Enable 2
2	00 : 00 : 00 : 00 : 00 : 00	Disable
3	00 : 00 : 00 : 00 : 00 : 00	Disable
4	00 : 00 : 00 : 00 : 00 : 00	Disable
5	00 : 00 : 00 : 00 : 00 : 00	Disable
6	00 : 00 : 00 : 00 : 00 : 00	Disable
7	00 : 00 : 00 : 00 : 00 : 00	Disable
8	00 : 00 : 00 : 00 : 00 : 00	Disable

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You must click Apply to save your settings before moving to another page.

- Please set connection password between WH-5400CPE and WH-5420CPE here. Please note that the common security between WH-5400CPE and WH-5420CPE is WEP.

Wireless Bridge

- System Status
 - System Summary
 - WDS Link Status
- System Configuration
 - System Properties
 - IP Settings
 - Wireless Network
 - WDS Link Settings
 - WDS Security Settings** 1
 - Wireless Advanced Settings
- Management
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 - Reboot

System Configuration -> WDS Security Settings

Security

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WEP Key

3
40/ 64-bit(10 hex digits) ▼

Passphrase

(8-63 ASCII characters or 64 hexadecimal digits)

Notice: When using WPA-PSK, the SSID setting among WDS peers should be identical.

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You must click Apply to save your settings before moving to another page.

WH-5420CPE

1. Please Login WH-5400CPE Web Console.
2. Please Change WH-5420CPE to Bridge mode and reboot to make it effective.

Mode	Status	TCP/IP	Reboot	Other
Wireless Mode				
<input type="radio"/> AP			Setup	Access Point.
<input type="radio"/> Client			Setup	Client-Infrastructure / Client Ad-Hoc.
<input checked="" type="radio"/> Bridge			Setup	Bridge.
<input type="radio"/> WDS Repeater			Setup	WDS Repeater.
<input type="radio"/> Universal Repeater			Setup	Universal Repeater.
<input type="radio"/> WISP			Setup	WISP.
<input type="radio"/> WISP + Universal Repeater			Setup	WISP + Universal Repeater.
<input type="radio"/> Gateway			Setup	AP + Router.

3. Please set the followings:

- Channel Number : Please set the same channel that WH-5400CPE uses.
- WDS Security : Please set the same security that WH-5400CPE uses. Please note that the common security between WH-5400CPE and WH-5420CPE is WEP.
- Please input WH-5400CPE wireless MAC . And then click “Add MAC Address”

Bridge Mode Settings

Alias Name:

Disable Wireless LAN Interface

Band:

Channel Number: 1

802.1d Spanning Tree:

WDS Security: 2

Advanced Settings:

AP MAC Address: 3

Comment:

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AP MAC List:

MAC Address	Comment	Select
00:4f:62:40:95:f2		<input type="checkbox"/>

4. Please reboot to make the settings effective.

After reboot, WH-5400CPE and WH-5420CPE will connect automatically.