

Richtech WiFi Bridge Configuration

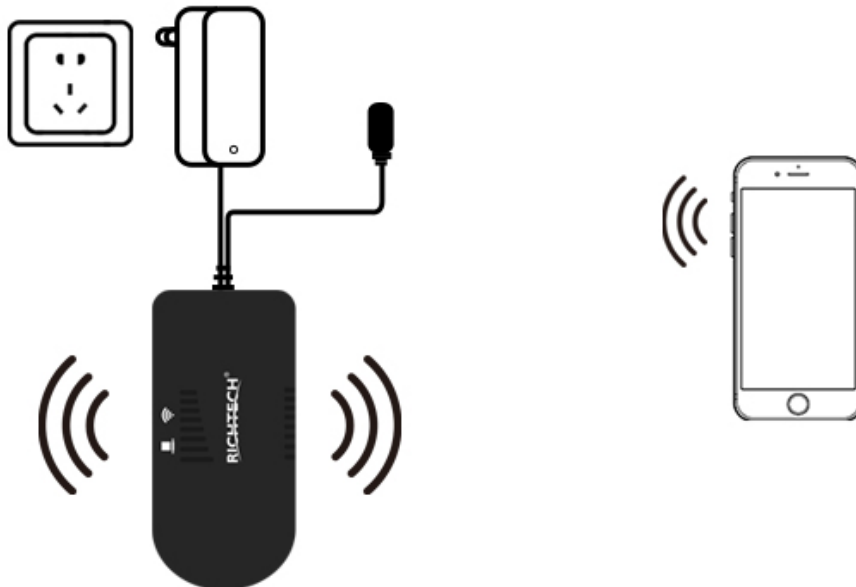
Richtech Wi-Fi Bridge Configuration

Steps:

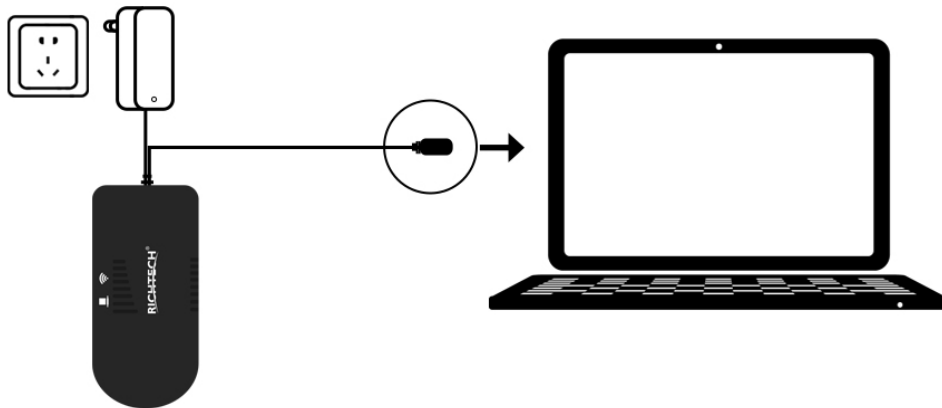
1. How to connect with Wi-Fi bridge

Connect Richtech WB-2.4G to the power supply (5V/2A) first (USB connection is also available), then use the smartphone or computer to connect with Richtech WB-2.4G.

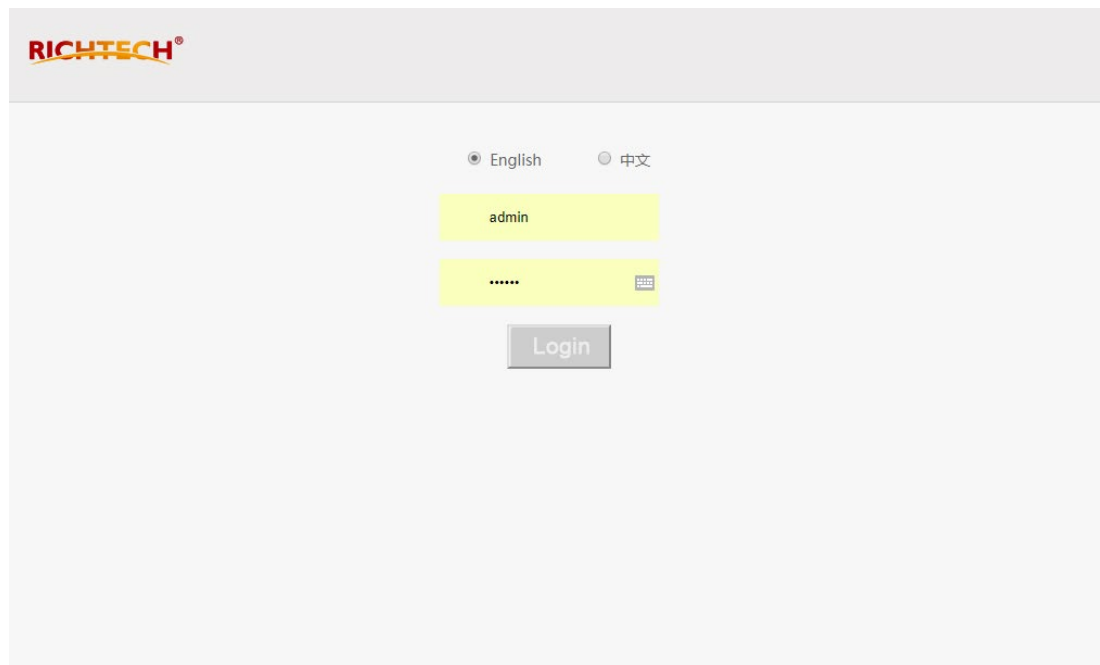
Option 1: Please use your smartphone or computer to connect with Richtech WB-2.4G. The SSID is Richtech_2.4G_MAC



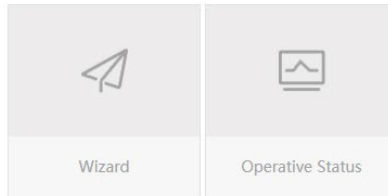
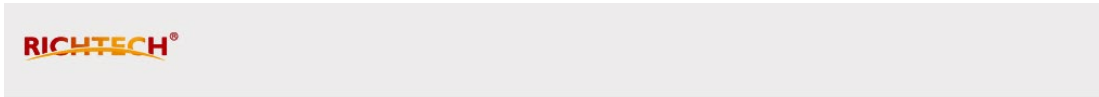
Option 2: Please connect WIFI bridge LAN port to the ethernet port of your computer directly.



2. Please input `http://richtech.cfg` or `http://192.168.0.254` in your IE explore with your smartphone or computer, and then hit Enter to access the loading page. Username: admin, password: 123456, click Login to access the configuration page.



3. Click " Wizard" bottom on the left to enter Wi-Fi configuration interface.



4. Searching wireless network that you're going to connect with in Scan Hotspots/ Wi-Fi Hotspots, and then click Next.

Operating Mode: WiFi Bridge+Repeater 中文 Logout

Operative Status

Scan Hotspots >>

WiFi Repeater

System Settings

LAN Settings

Timing Function

WiFi Hotspots

Select a Wireless Network to connect to. If not found, please click [Refresh List](#), or enter the SSID of the network manually. Then, click [Next](#).

SSID	MAC	Channel	Signal	Band
[HiddenSSID]	8e:dc:02:f6:22:60	8	96(-52dbm)	2.4G
Richtech	8c:dc:02:f6:22:60	8	86(-56dbm)	2.4G
Rich-OA	48:0e:ec:75:17:33	11	86(-56dbm)	2.4G
bigita_2.4G	78:44:fd:c9:aa:f4	11	60(-66dbm)	2.4G
ChinaNet-M2Y	44:4b:7e:70:f0:6d	6	60(-66dbm)	2.4G
YF	d0:76:e7:ba:01:50	7	44(-72dbm)	2.4G
KingLand	9c:a6:15:06:ca:43	1	39(-74dbm)	2.4G
HAGIBIS-4898caad468e	4a:98:ca:ad:46:8e	1	34(-76dbm)	2.4G

there are 14 wireless network

SSID

[Refresh List](#) [Next](#)

5. Input the Wi-Fi password and click Apply to connect with the wireless network.

The screenshot shows the Richtech web interface for configuring WiFi Hotspots. The page is titled "WiFi Hotspots" and is part of the "Operating Mode: WiFi Bridge+Repeater" interface. The main configuration area is divided into several sections:

- Security Settings:**
 - SSID: Richtech
 - Source WiFi hotspot password: rich10000
 - Transmission mode: IP layer transparent, MAC layer transparent
 - The configuration parameters of WiFi repeater security is synchronized with source hotspot
 - 2.4G WiFi Repeater SSID: Richtech_2.4G_DC, Disable Hotspot
- DHCP Server Settings:**
 - DHCP Server: Disable(Recommended configuration), Enable
- Advanced Setting (For specific applications only) >>>**
 - In order to prevent network conflicts, after parameters are configured, please disable DHCP server. Logging in page again will be failed because of 'Disable DHCP server', so please make sure the hotspot parameters are correct.

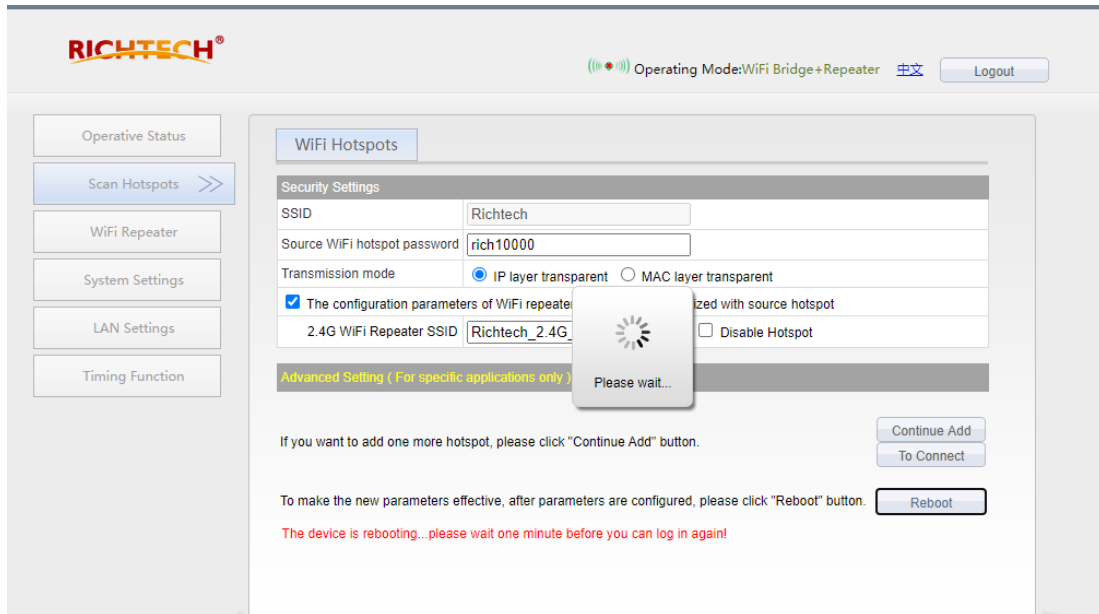
Buttons for "Apply" and "Back" are located at the bottom right of the configuration area.

Transmission mode:

A. IP Layer transparent (Default setting): Transfer data in IP layer, satisfy most of Wi-Fi bridge applications.

B. MAC layer transparent: Transferring all data on and above MAC layer, especially for application in MAC layer encryption

6. Reboot the Wi-Fi bridge after connecting with Wi-Fi; then the Wi-Fi bridge will be automatically connected with configured wireless network. There will be flash light on the device if wireless network is connected well.

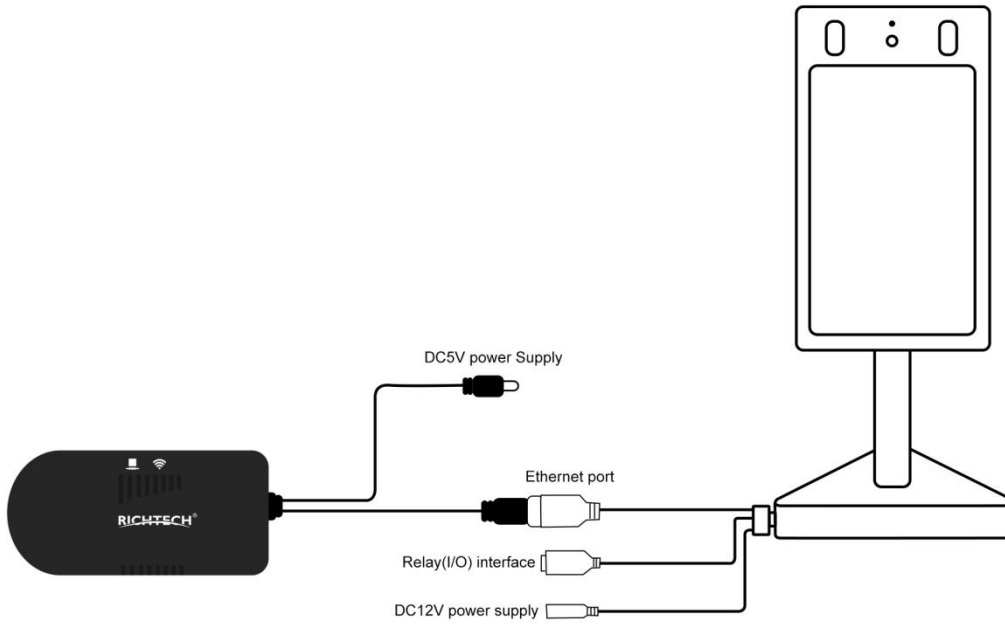


After above all steps are done, please disconnect the Wi-Fi bridge from your computer and then connect the LAN port of the Wi-Fi bridge to the ethernet port of AATSS. Then, the AATSS can access the Internet wirelessly via the Wi-Fi bridge.

7.Wi-Fi bridge connects with AATSS

Please connect LAN port of Wi-Fi bridge to ethernet port of AATSS, and connect the power cable of Wi-Fi bridge to power supply.

Remarks: The effective working distance is about 15 to 20 meters (49ft to 65ft) in the unhindered space after the Wi-Fi bridge is successfully connected with AATSS.





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