AIRPHO

QUICK INSTALLATION GUIDE

AC1200 Dual Band Whole Home Mesh WiFi System

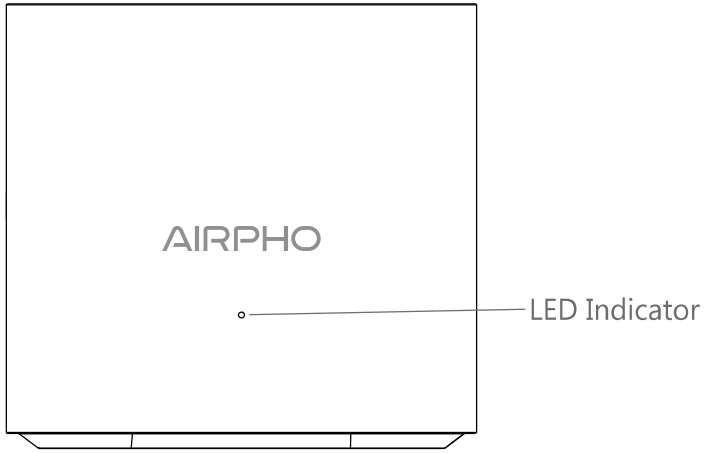
AR-M405

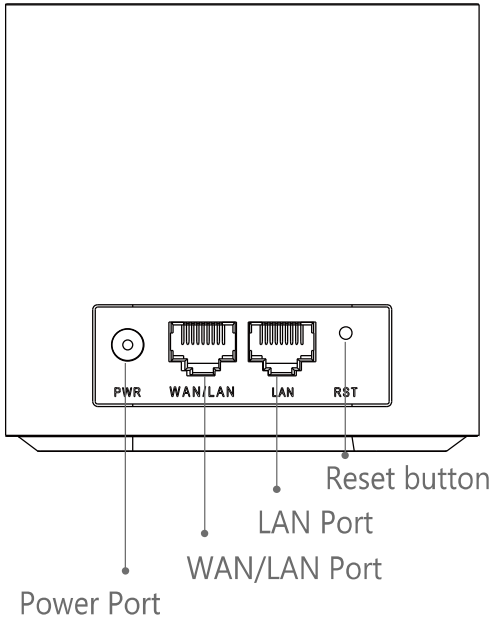
Airpho Technology Co., Ltd
Version 1.0.1

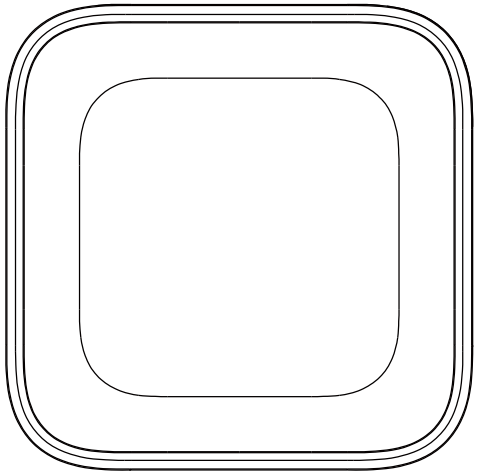
www.airpho.com

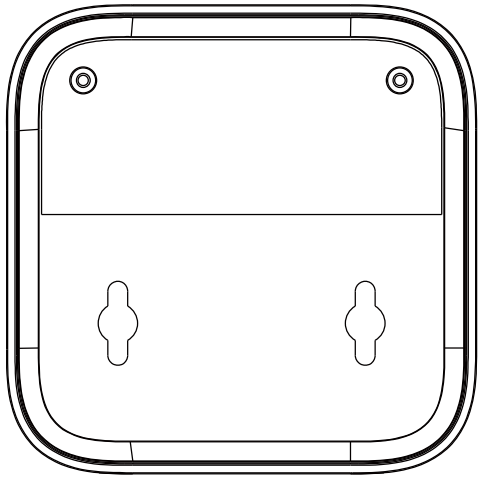
Package Contents

- AR-M405 X 1
- Power Adapter X 1
- Ethernet Cable X 1
- Quick Installation Guide X 1









Connecting the Primary Node Mesh

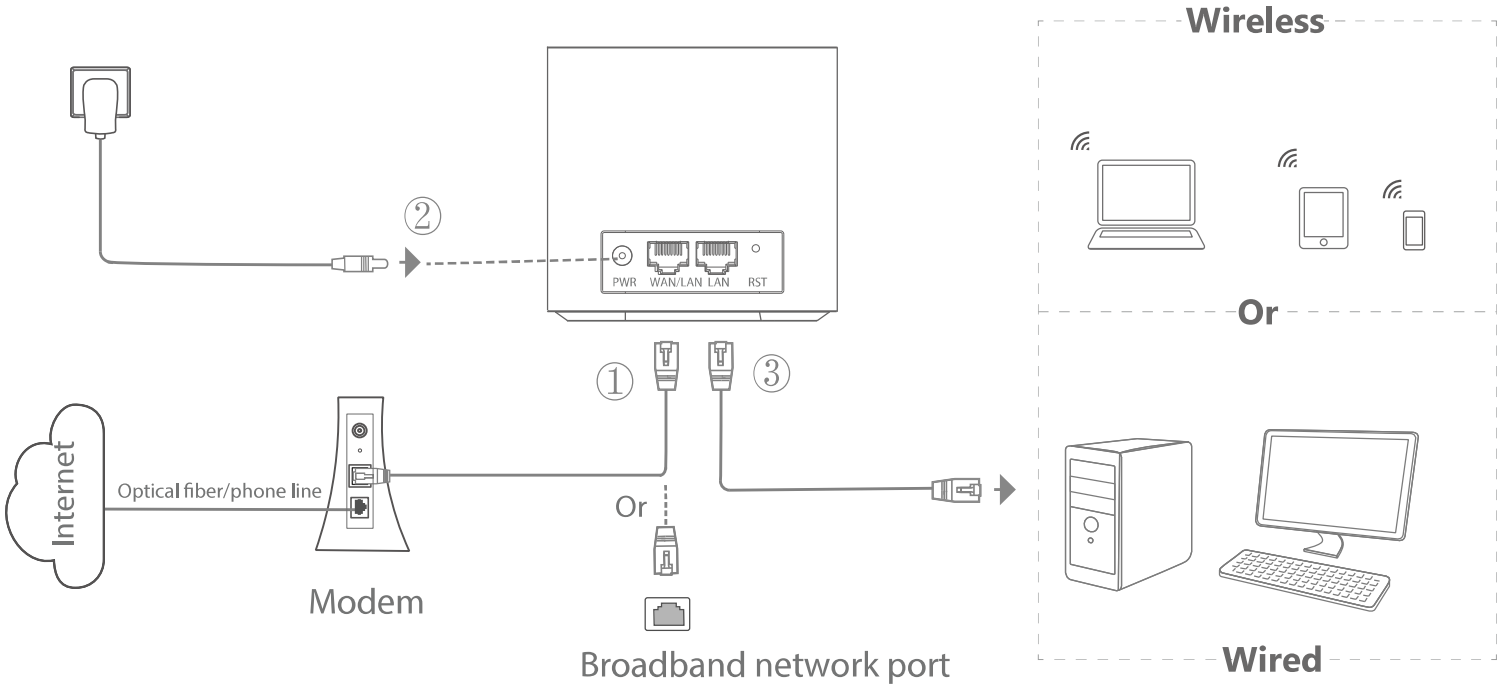
①. Use the Ethernet cable to connect a LAN port of your modem or the community Broadband network port to the WAN/LAN port of AR-M405.

②. Use the power adapter included in the package to connect AR-M405 to the power socket. And its LED indicator lights solid blue. Wait for about 50 seconds. The system finishes the start up process and LED indicator blinks blue.

③. Connect the Mesh to your wireless or wired device.

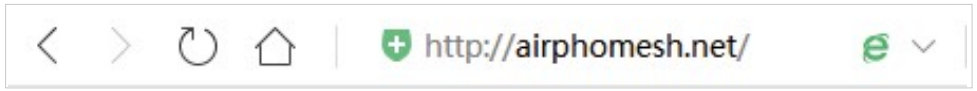
Wireless: Go to the WiFi network list on your wireless device, select the "**Airpho_M405**". The SSID is specified on the label of the Mesh.

Wired: Use the Ethernet cable to connect a LAN port of the Mesh to your device.

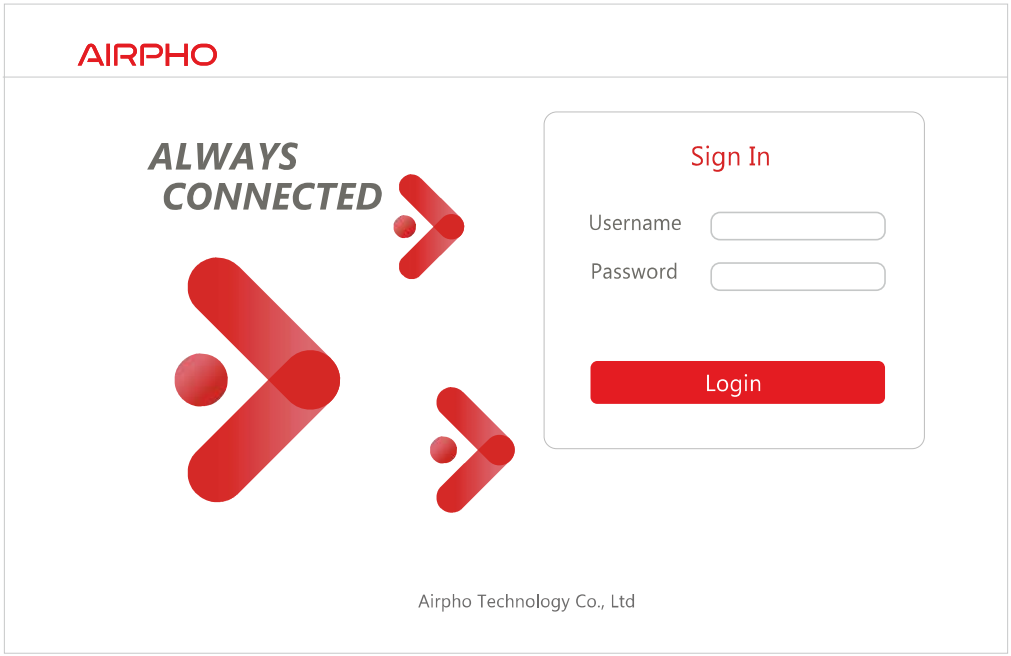


Quick Setup for the Primary Node Mesh

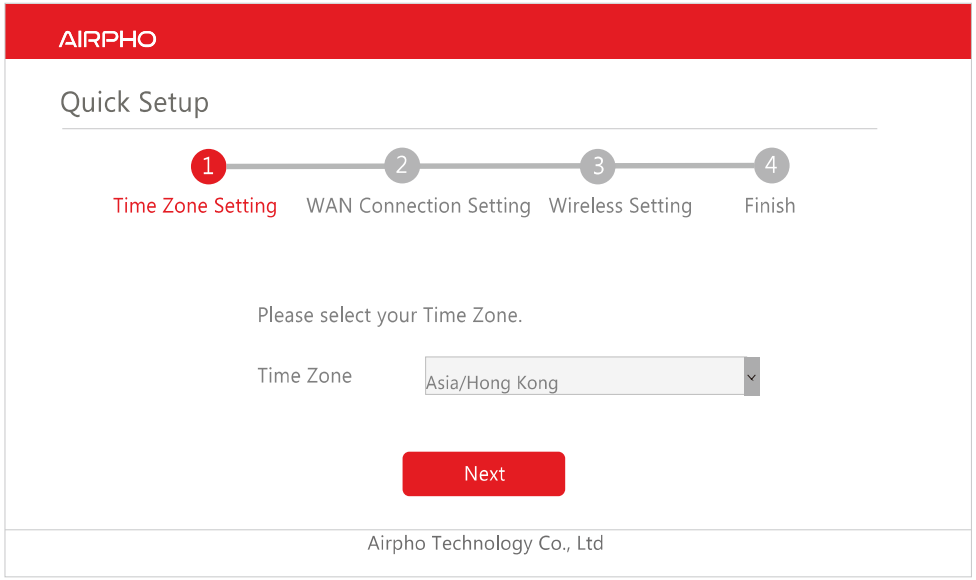
1. Launch your web browser, enter **airphomesh.net** on the address bar, and press **enter**.



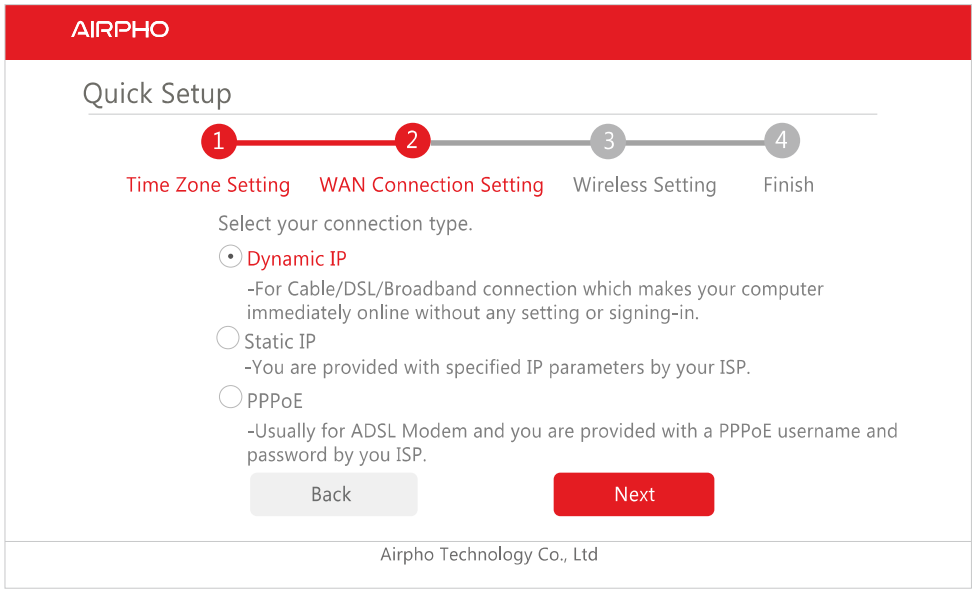
2. Enter the login user name and password (Both are “admin” by default) and click **Login.**



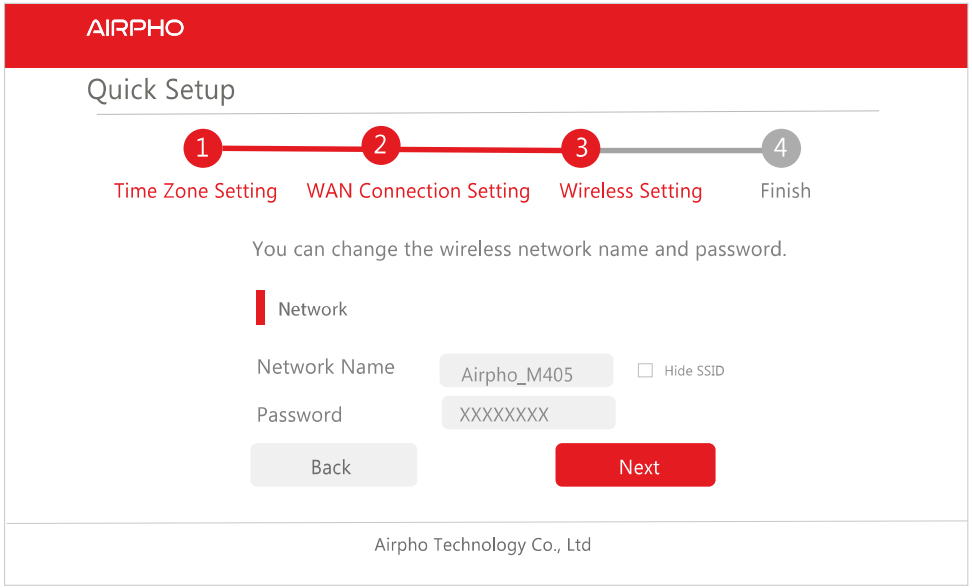
3. Select your Time Zone and then click **Next**.



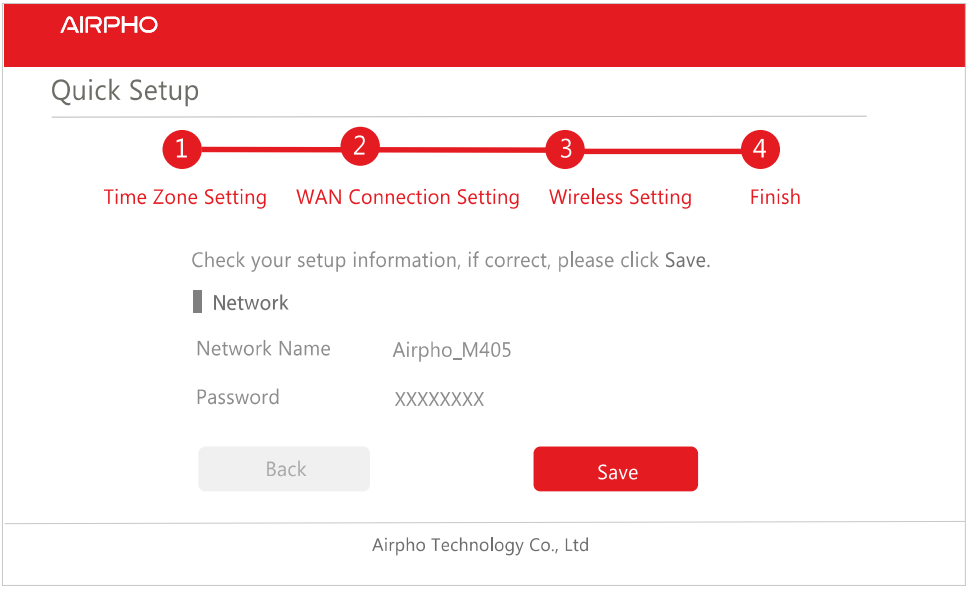
4. Select your WAN connection mode according to your actual situation and then click **Next**. There are three connection types: Dynamic IP, Static IP, PPPoE. Take Dynamic IP as an example here.

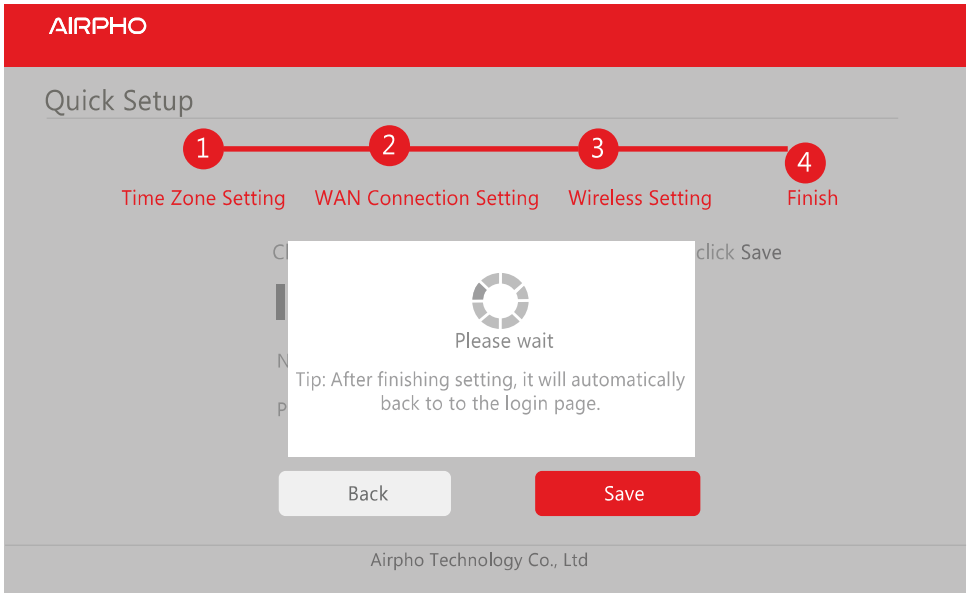


5. You can change the network name and set a password for the network. Then click **Next**.



6. Check your settings. And then click **Save**.



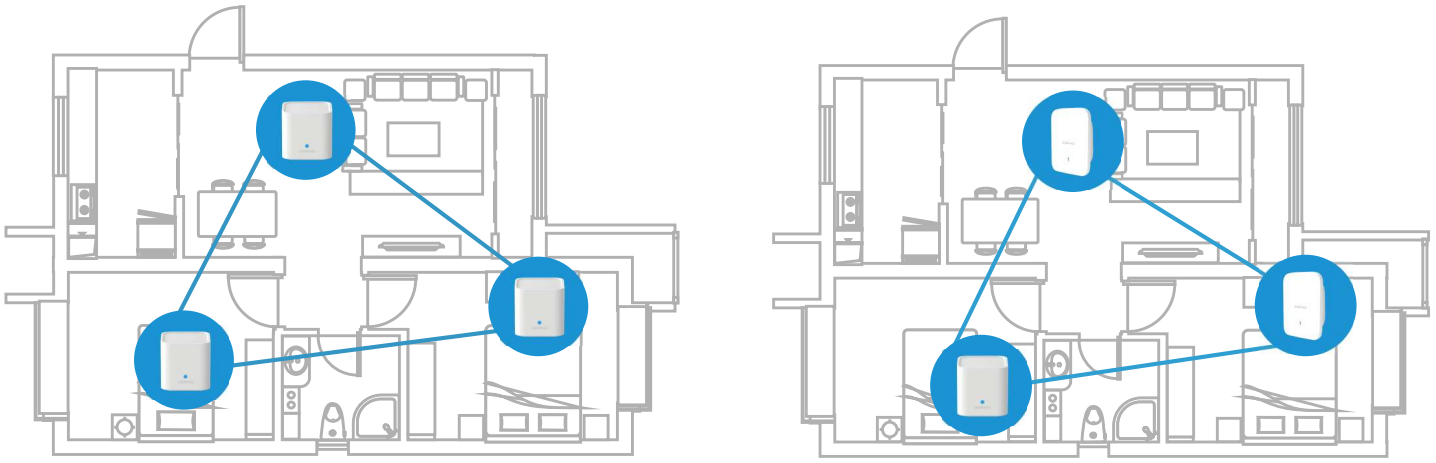


If the Mesh is connected to the internet successfully, its LED indicator should turn solid blue.

Connecting the Secondary Nodes to the Internet

For users who have purchased InFi S3 or InFi S4, you can expand network coverage in a Mesh system to get the best performance.
(Note: InFi S3 and InFi S4 are the suite series products of AIRPHO.)

a. Plug each secondary node into a socket.
Place it in the wireless coverage of another node. The best distance is not more than 20 meters.
Keep the secondary nodes away from electronics with strong interference, such as microwave ovens, induction cookers and refrigerators.
When secondary Mesh is powered on, its indicator lights solid blue. Wait for about 50 seconds. It finishes the start up process and its LED indicator blinks blue.



b. Observe the LED indicator of the secondary Mesh until it lights one of the following colors:

Solid blue	Good	Solid magenta	Poor
Solid yellow	Medium level	Solid red	Disconnected

Connection quality list

c. If the indicator light is not solid blue or solid yellow, relocate it according to the placement advice in step **a.** to get a better connection.

Accessing the Internet

Wireless devices: Connect your wireless devices to your WiFi network using the SSID and password you set. All nodes have the same wireless name and password.

Wired devices: Connect your wired device to the LAN port of the nearest node Mesh with Ethernet cable.

LED Indicator Explanation

Status	Explanation
Solid blue	The system is starting.
	The primary node is connected to the internet.
	The secondary node is connected to the WiFi network of the primary node well.
Blinkings blue slowly	The system is not connected to the internet for less than 2 minutes.
Blinkings blue fastly	The system has been connected to the internet just now.
Solid yellow	The secondary node is connected to the WiFi network of the primary node at a medium level quality.
Solid magenta	The secondary node is connected to the WiFi network of the primary node poorly.

Solid red	The primary node is not connected to the internet.
	The secondary node is not connected to the WiFi network of the primary node.
	The secondary node is connected to the WiFi network of the primary node very poorly.
Solid cyan	It is in a process of restoring the Mesh(s) to factory settings.
Solid white	It is in a process of removing the node network.

FAQ

Q1: How can I remove a node from my WiFi network?

A1: Long-Press the Reset (RST) button of the node Mesh for about 20 seconds. And the LED indicator lights solid white. Then this node Mesh will restart automatically and indicator should light solid blue.

Q2: How to add another new set of node to expand the network coverage if necessary?

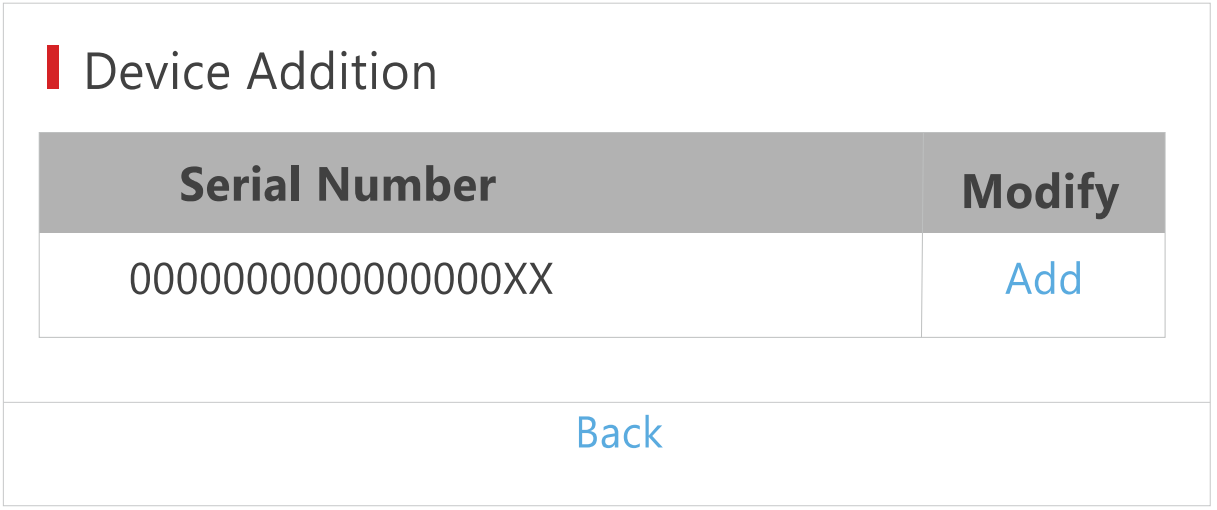
A2: Please do the steps below.

1): Power on the new node Mesh.

2): Remove the node of this new one from its original networking system. (Please refer to the operation of **A1** for details.)

3): Go to the Device Addition page on the web UI page of the primary Mesh and click **Scan** button.

4): Click **Add**.



Q3: How to restore the network to factory settings?

A3: With your nodes powered on, long-press the Reset (RST) button of your node for about 6 seconds by a needle. The LED indicator lights solid cyan. Then the Mesh will restart automatically and its indicator should light solid blue. All nodes are restored to factory settings.

FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

WiFi 5G indoor use only
Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

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