



AX1500 & AX1500-DUO

WiFi-6 Wireless Router

Manual

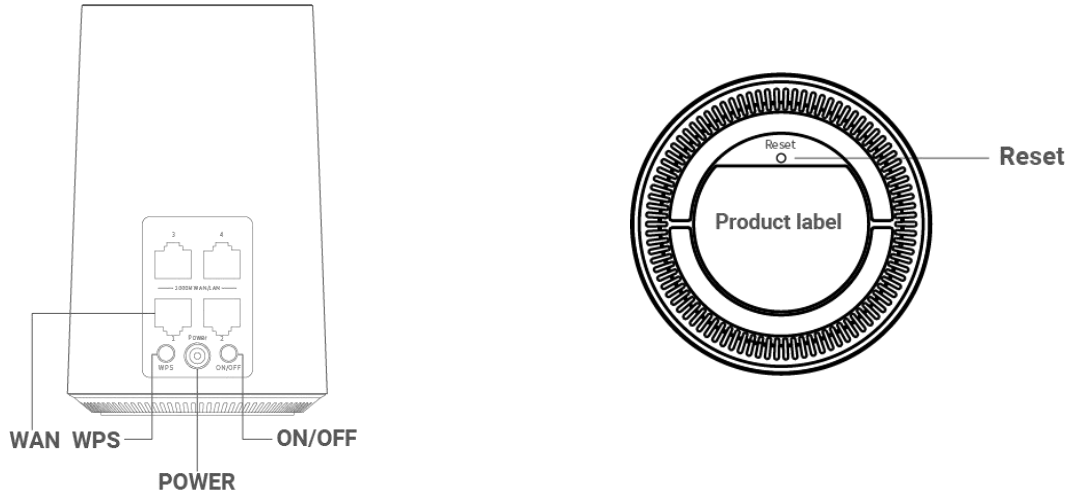
Azores Networks, LLC

Contents

01 Product Hardware Description.....	2
Product Appearance Description.....	2
Button Description.....	2
LED Description.....	2
02 Product Manual.....	3
03 ONE ROUTER SETUP STEPS.....	4
04 MESH SETUP STEPS.....	5
05 Azores Router APP.....	6
06 MORE SETTINGS.....	7
※ How to change the Internet access method.....	7
※ How to add a single router to a customized Mesh network.....	9
※ How to switch Router to Bridge mode.....	11
07 Frequently Asked Questions.....	12

01 Product Hardware Description

Product Appearance Description



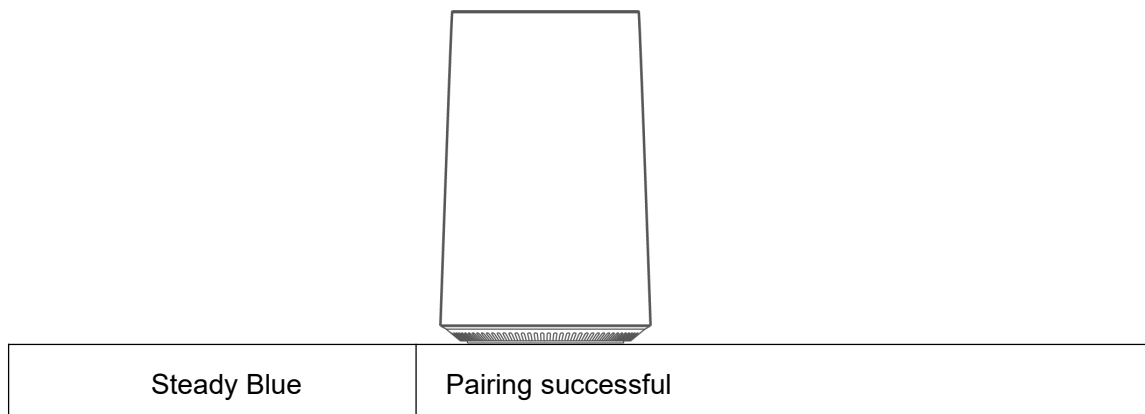
Button Description

Button	Function
WPS	Set the WPS process.
Reset	Short press (1 second) for reset the router; Long press (5 seconds or longer) for reset to factory default settings.
ON/OFF	Power on and off the router.

LED Description

LED Behavior	Scenario
Dark	No Power
Steady Red	Powering up
Blinking Red	No network cable connected
Blinking Green	Network connection in progress
Steady Green	Function normally and can access the Internet
Blinking Blue	WPS or Mesh pairing in progress

Single Router

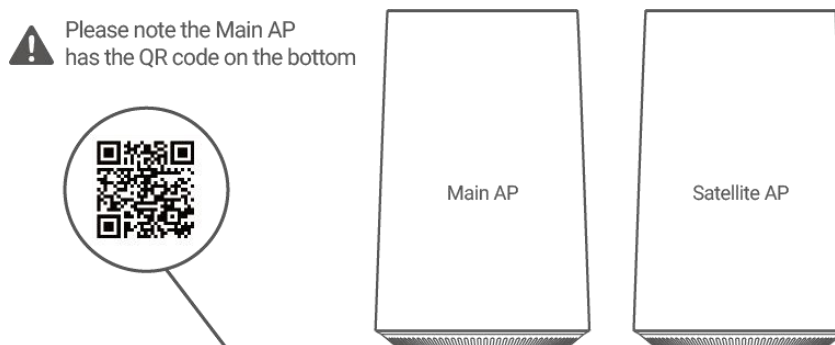


02 Product Manual

For single router (AX1500):

Connect the provided network cable from the AX-1500 Router to your home Broadband Gateway (i.e. cable/DSL modem, PON gateway). Please refer to **SINGLE ROUTER SETUP STEPS** for network setup.

Mesh Router Set

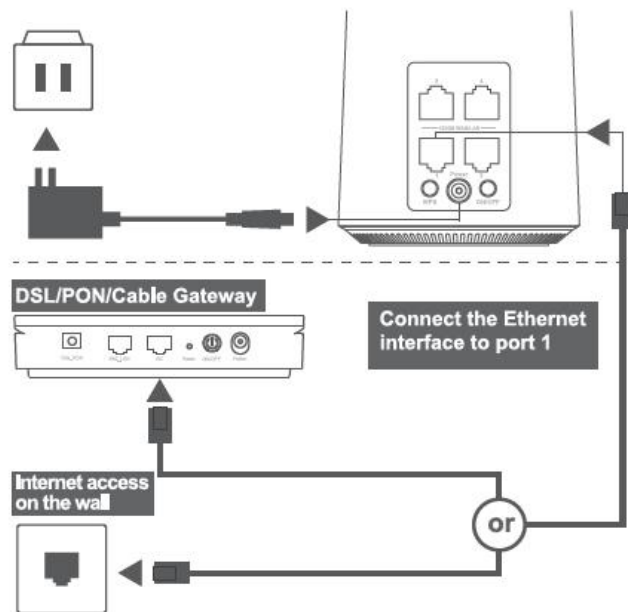


For mesh router set (AX1500-DUO):

Main AP has the QR code on the bottom, is used as the main router, which is to be connected, via provided network cable, to your home Broadband Gateway (i.e. cable/DSL modem, PON gateway); Satellite AP is used for Wi-Fi network expansion. Please refer to **ONE ROUTER SETUP STEPS** (for Main AP) & **MESH SETUP STEPS** (for Satellite AP) for network setup.

- ◆ When Single Router and Main AP in Mesh Router Set have the same operation steps, they are collectively referred to as Azores Router hereinafter.

03 ONE ROUTER SETUP STEPS



- The Azores Router can be connected according to the diagram above. Note the DSL/PON/Cable Gateway must be connected to the Port 1 of Azores Router. When it is connected to the Internet, the LED light is steady green. If you can, try place the Azores Router in an open area like on a table or a shelf.
- Wired devices can be connected directly to ports 2, 3 or 4 for Internet access; Wireless devices can use the network name (SSID) & password (see the sticker on the bottom of Azores Router) to connect to Internet.

04 MESH SETUP STEPS

Choose one of the following methods to setup your Mesh Set(AX1500-DUO).

◆ Option 1:Wireless Networking

01 Main AP refers to **SINGLE ROUTER SETUP STEPS** to complete the connection.

02 Place the Satellite AP at a proper location based on your home layout.

03 Just power on the Satellite AP and wait for about 5 minutes.When the LED is Steady Green, then the Mesh networking is successful.

Tip: To optimize wireless performance, place the Satellite AP in a location that minimizes the barrier (such as wall, door, and floor) between the Main AP and Satellite AP. We recommend one wall/door/floor between the Main AP and Satellite AP.

◆ Option 2:Wired Networking

01 Main AP refers to **SINGLE ROUTER SETUP STEPS** to complete the connection.

02 Place the Satellite AP at a proper location based on the cable deployment in your home.

03 Connect the Satellite AP to LAN port of your Main AP via network cable.

04 Power on the Satellite AP. When the LED is Steady Green, then the Mesh networking is successful.

*Note:

(1) If you know there is a spot in your home, where the Wi-Fi signal is the weakest. Try place the Satellite AP midway between the Main AP and the weakest spot.

(2) When Main AP and Satellite AP pairing successfully, the SSID and Password would be same, that is showing on the bottom of Main AP.

05 Azores Router APP

- 01 Connect your Mobile device to Wi-Fi network according to the Wi-Fi SSID and password sticker on the bottom of Azores Router.
- 02 Download mobile APP software by scanning the QR code below or visiting <https://azoresnetworks.com/pages/app-download> in the browser.



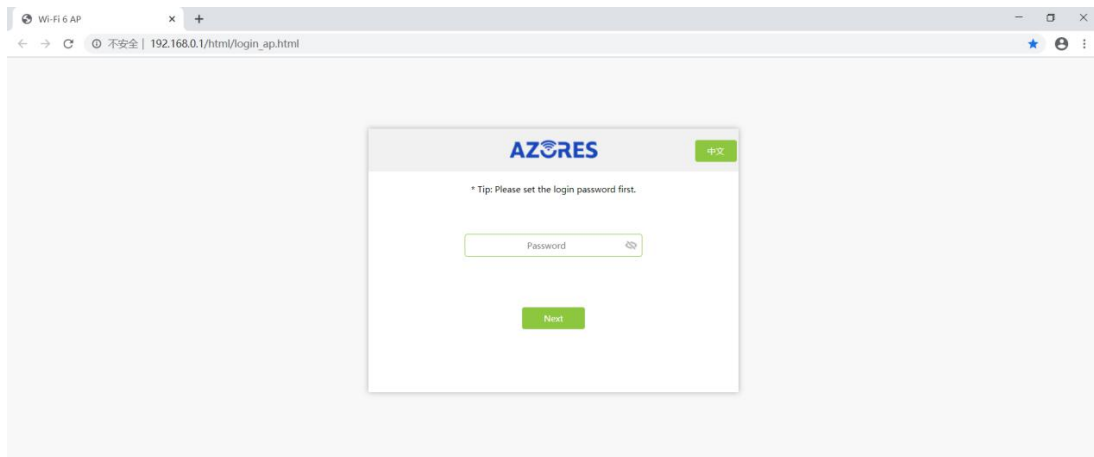
Scan QR code to download Azores Router APP

- 03 Follow the APP guidance to log in.
 - 04 Enter the “My Wi-Fi” menu to modify WiFi configuration or perform other operations.
- *Note: If you want to use the mobile device to perform other operations on the router, follow the instructions on the mobile APP.

06 MORE SETTINGS

※ How to change the Internet access method

01 Wireless access terminals (such as mobile phones, PAD, laptops, etc.) or wired access terminals can open the browser to visit <http://192.168.0.1> (or <http://azoresrouter.com>), and configure the router device.



02 Password needs to be set for the first time login, click "Next". Please remember this login password.

* Tip: Please set the login password first.

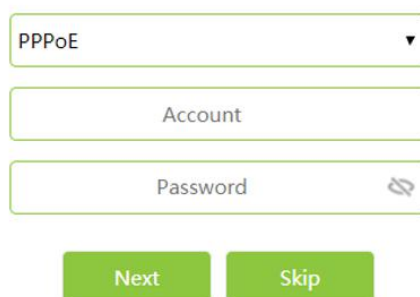
Next

03 Set Internet configuration.

- If the home broadband service has been opened and the home router has been deployed, you can connect this Router device to the home router's LAN Ethernet port (or wall Ethernet port), you can select "DHCP", then click "Next".

Next Skip

- If the home broadband service has been activated, but dial-up is required to activate the Internet, you can select "PPPoE", fill in the broadband account and password, and click "Next".



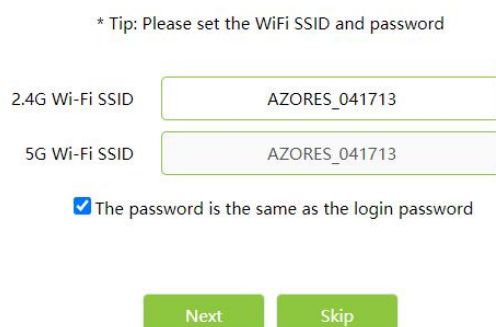
A screenshot of a configuration form for broadband service. It features a dropdown menu at the top with "PPPoE" selected. Below it are two text input fields: "Account" and "Password". The "Password" field has a small eye icon on the right. At the bottom, there are two green buttons: "Next" and "Skip".

*Note: If you forget your broadband account password, you can inquire from the broadband operator.

*Note: "Skip" defaults to "DHCP" mode.

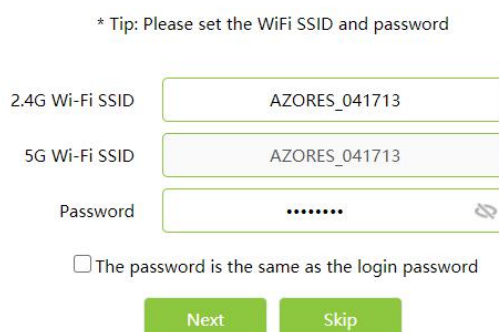
04 Set Wi-Fi name and password (you can modify the Wi-Fi name).

The device selects "The password is the same as the login password" by default, clicks "Next" directly, which means that the default wireless password is the same as the login password;



A screenshot of a Wi-Fi configuration form. At the top, it says "* Tip: Please set the WiFi SSID and password". There are two text input fields: "2.4G Wi-Fi SSID" and "5G Wi-Fi SSID", both containing the text "AZORES_041713". Below these is a checkbox labeled "The password is the same as the login password", which is checked. At the bottom, there are two green buttons: "Next" and "Skip".

- If you do not check "The password is the same as the login password", you can set a new Wi-Fi password and click "Next".



A screenshot of a Wi-Fi configuration form, similar to the previous one. It includes the tip and SSID fields. However, the checkbox "The password is the same as the login password" is unchecked. A new "Password" text input field is present, containing a series of dots. At the bottom, there are two green buttons: "Next" and "Skip".

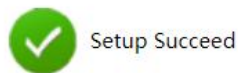
- If you click "Skip", the Wi-Fi name and password will still be the information shown on the bottom of the device.

05 Click "Complete" to complete the configuration.

* Tip: Click 'Complete' and complete the configuration



Prompt "Setup Succeed", "Confirm" to jump to the login page.



After "Confirm", the wireless terminal can reconnect to the new Wi-Fi name and password.

After completing the settings for the first login, you can use the login password you just set to enter and perform operations such as user password modification, Wi-Fi modification, firmware version check and so on.

It is recommended to check the firmware version and update to the latest version after completing the installation.

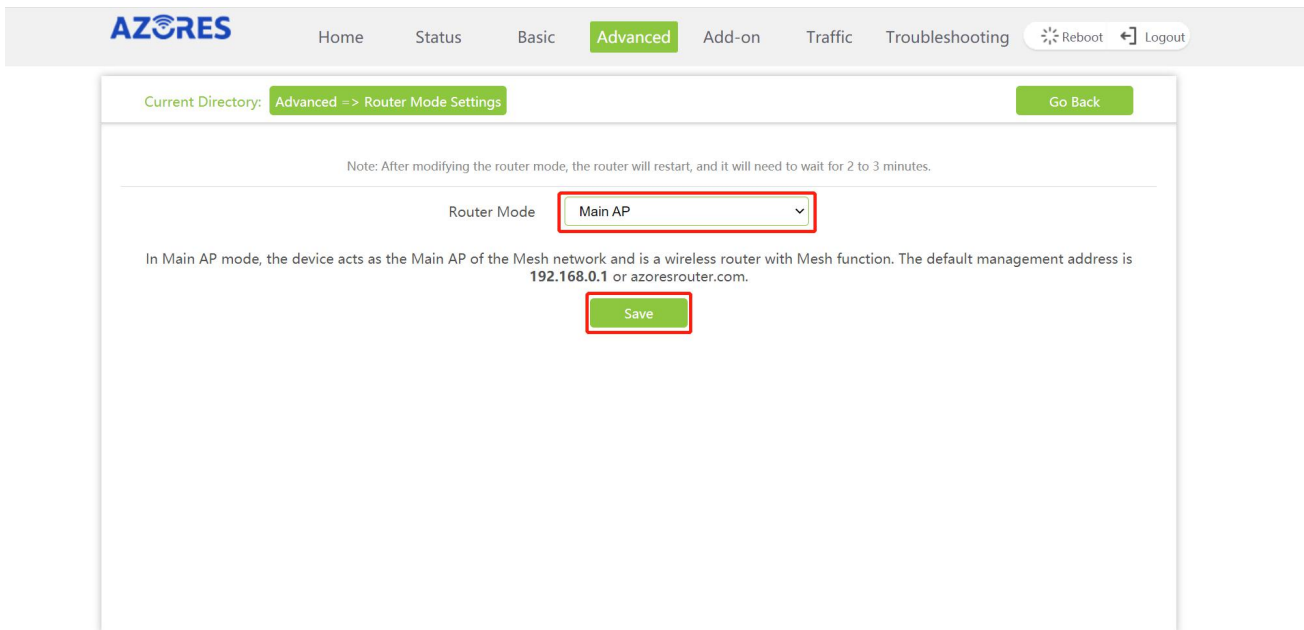
※ How to add a single router to a customized Mesh network

For duplexes, villas, and large-area residents, you can purchase multiple Azores Routers of the same model to join the Mesh network to improve WiFi network coverage.

If you have purchased Single Router before, please refer to the following steps 01 and 02 to set an AP as Main AP firstly. And then continue to configure according steps 03,04,05.

01 (Previous item) Visit <http://192.168.0.1> (or <http://azoresrouter.com>) and using the login password to login.

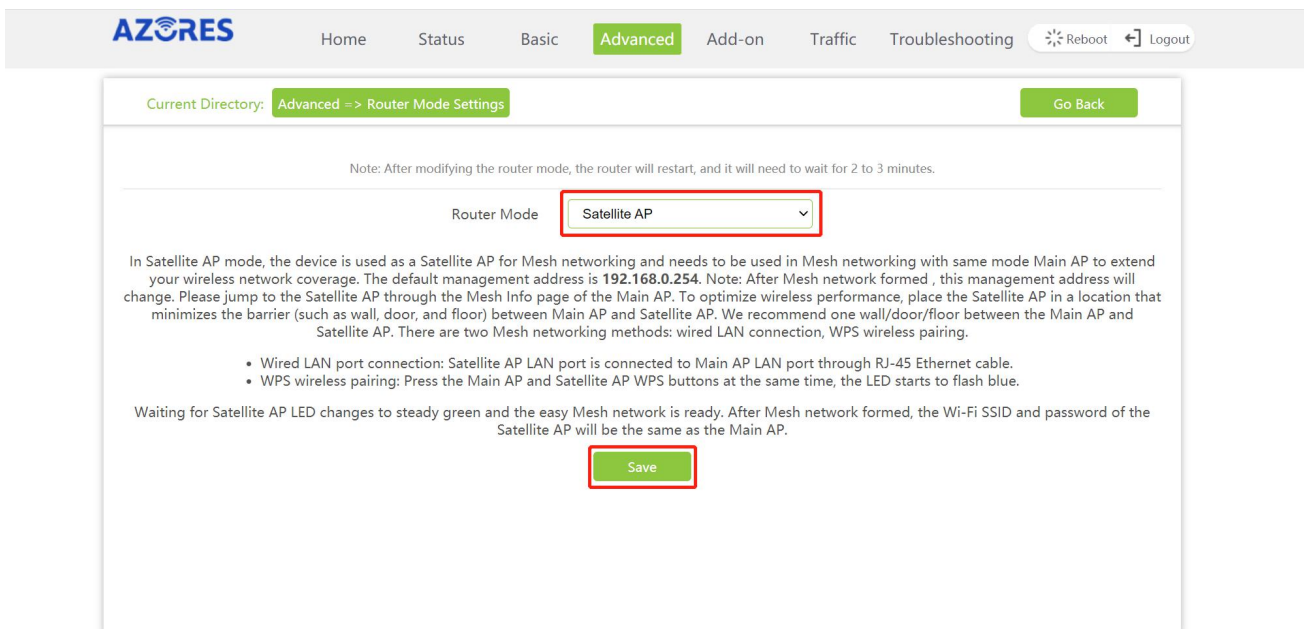
02 (Previous item) "Router Mode Settings" select "Main AP", then click "Save", the device will restart automatically.



If you have purchased Mesh Router Set before, there is already a Main AP, no need to perform steps 01 and 02. And then continue to configure according to steps 03, 04, 05.

03 (New item) Visit <http://192.168.0.1> (or <http://azoresrouter.com>) and use the login password to login.

04 (New item) "Router Mode Settings" select "Satellite AP" and click "Save", the device will restart automatically.

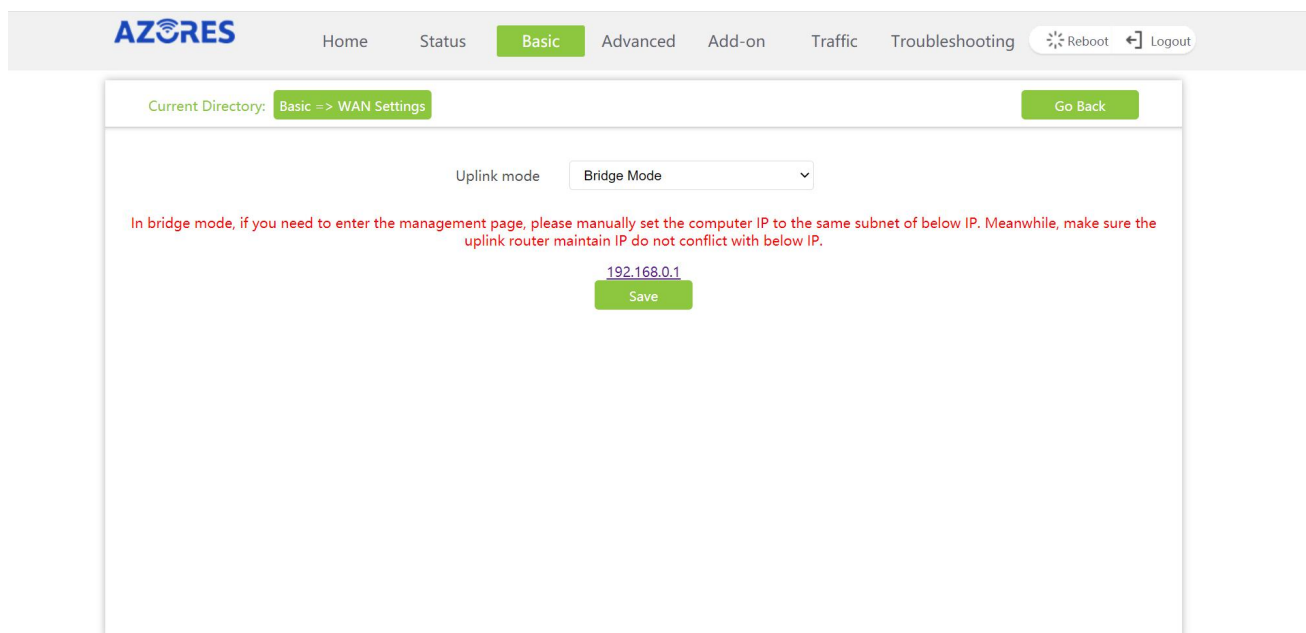


05 Start networking.

- If you choose wired networking, connect the network port of new item to the Main AP LAN port. The wired network is successful when the new single product indicator is steady green;
- If you choose wireless networking, place the new item near the Main AP, press both device WPS buttons for 1s, then release. The Main AP indicator will turn on in blue for 1 minute, then restore to the original state. The wireless pairing is successful when new added product indicator is steady green. Wait 2 minutes for information synchronization and the wireless network is successful. You can move the new product to the network expansion location.

※ How to switch Router to Bridge mode

- 01 Visit <http://192.168.0.1>(or <http://azoresrouter.com>) and using the login password to login.
- 02 Change the "Uplink mode" to "Bridge Mode" on the "WAN Settings" page and click Save.



07 Frequently Asked Questions

Q1 I replaced my old router with Azores Router. After connecting network cable from DSL/PON/Cable gateway to the Azores Router, the LED is keep flashing red. What should I do?

Answer: For some cable carriers limit the number of in-home device to one. This problem may happen if you replace your old router with Azores Router. In this case, you need to power down the cable gateway, leave it powered down for 15 seconds and power back it up. Afterwards, power down and on the Azores Router. Then you should see the LED turns steady green pretty soon.

Q2 How to reset the device?

Answer: When Azores Router is powered on, pushing the "Reset" hole on the bottom of the device with a needle. The LED starts to flash green and hold for 5 more seconds. Release when the LED turns off. The LED will become steady red and will then start to blink green. Wait for about 2 minutes, then the factory default reset is completed.

Q3 Mobile phones and other devices are connected to the router but cannot access the Internet.

Answer: (1) Check whether the Azores Router's Port 1 is connected to your Broadband Gateway. The Azores Router's network port should be connected to your Broadband gateway (i.e. DSL/Cable modem, PON gateway) with a network cable.

(2) If PPPoE Internet access is needed, you need to check whether the broadband account and password are filled in correctly; otherwise, check whether the Internet status of your Broadband Gateway is normal.

(3) Make sure the broadband service is normal and you have paid Internet bill.

(4) When all above are normal, try reboot the device and then check the network once it powers back on.

Q4 How to manage Azores Router network?

Answer: Connect your device to the Router using wireless or wired connection. Open an Internet browser and enter <http://192.168.0.1> (or <http://azoresrouter.com>). You can modify WAN configuration, router configuration, single SSID for 2.4G and 5G network, guest Wi-Fi network, and retrieve your wireless network status.

Q5 Azores Router APP cannot control Azores Router. What should I do?

Answer: Please check your phone is connected to WiFi normally, and use the correct password for login.

Q6 If I want to switch the Mesh Router Set to wireless networking after successful wired networking, What should I do?

Answer: Disconnect the wired connection between the Satellite AP and the Main AP.It will be OK when the indicator light steady green.

Q7 How to access the Satellite AP web management page(GUI) if the mesh pairing failed?

Answer:Manually set the PC IP address to 192.168.0.X(e.g.192.168.0.100),the subnet mask is 255.255.255.0.Open the browser and enter http://192.168.0.254.