



**1664WC**

**WiFi-6 Wireless Router**

**Quick Start Guide**

# 01 Product Overview

Thank you for choosing our product.

Please read this manual before use.

## **Product Mode:1664WC as single router**

1664WC is an AP without Mesh function by default.Please refer to **SINGLE ROUTER SETUP STEPS** for network setup.

## **Product Mode:1664WC-DUO as mesh router set**

1664WC-DUO contains two APs(Main AP and satellite AP) distinguished by the label on the backside of the device. Please refer to **SINGLE ROUTER SETUP STEPS** (for Main AP) & **MESH SETUP STEPS** (for Satellite AP) for network setup.

# 02 Product Hardware Description

## Product Appearance Description



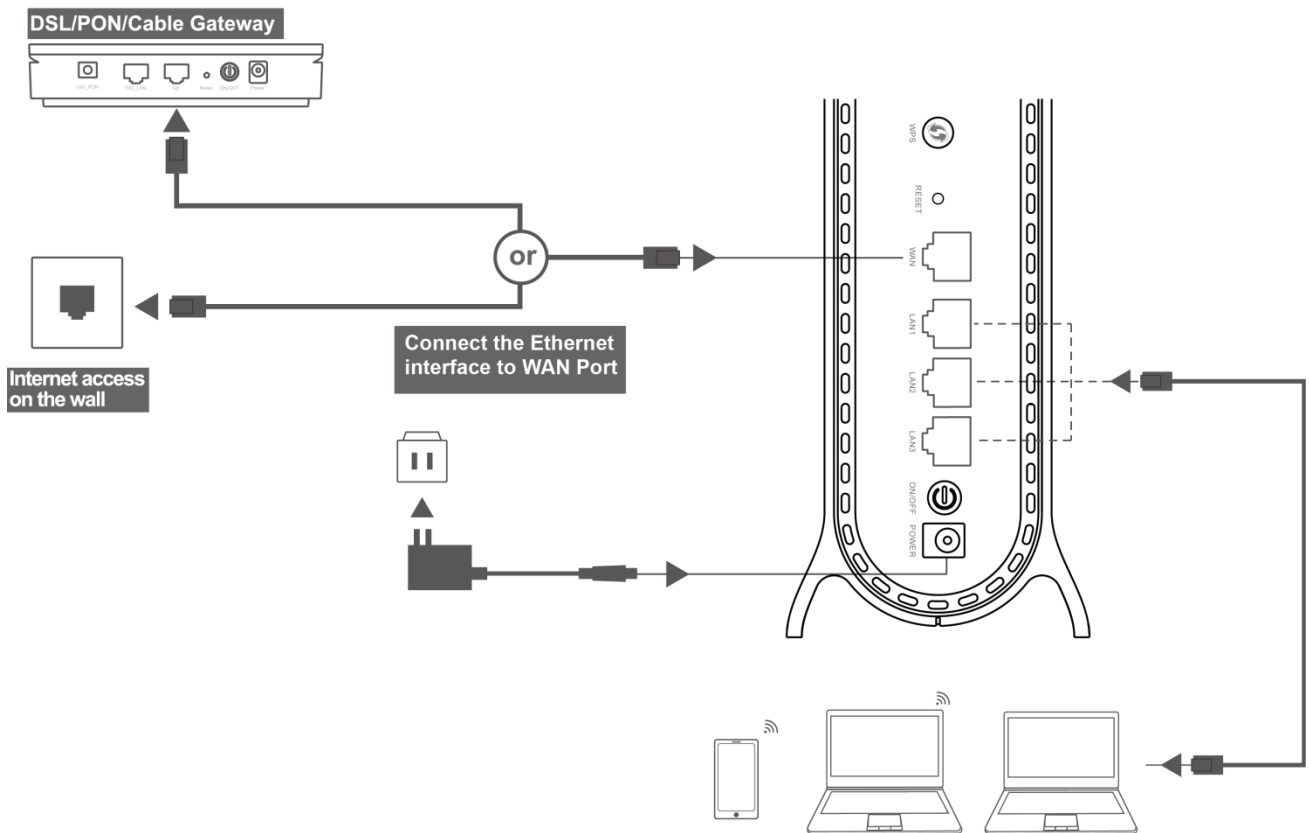
## Button Description

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. * Operate after the LED is Blinking Green/Steady Green.
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
Steady Blue	Pairing successful

## 03 SINGLE ROUTER SETUP STEPS



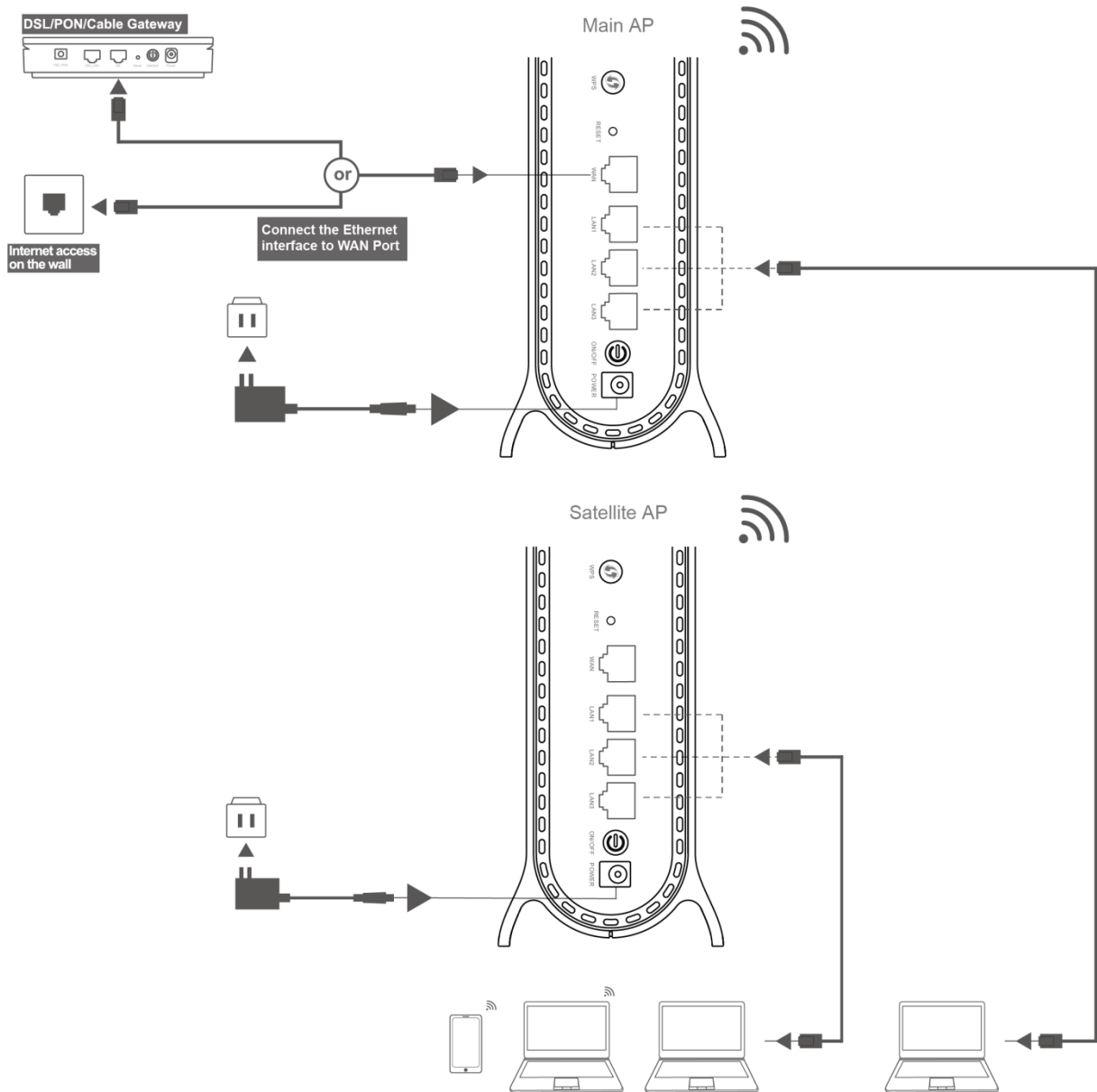
The DZS Router can be connected according to the diagram above.

- 01 Note the DSL/PON/Cable Gateway must be connected to the WAN port of DZS Router. When it is connected to the Internet ,the LED light is steady green. If you can, place the DZS Router in an open area such as a table or a shelf.
- 02 Wired devices can be connected directly to LAN port for Internet access. Wireless devices can use the network name (SSID) & password (see the sticker on the backside of Azores Router) to connect to Internet.

## 04 MESH SETUP STEPS

Choose one of the following methods to setup your Mesh Set(1664WC-DUO).

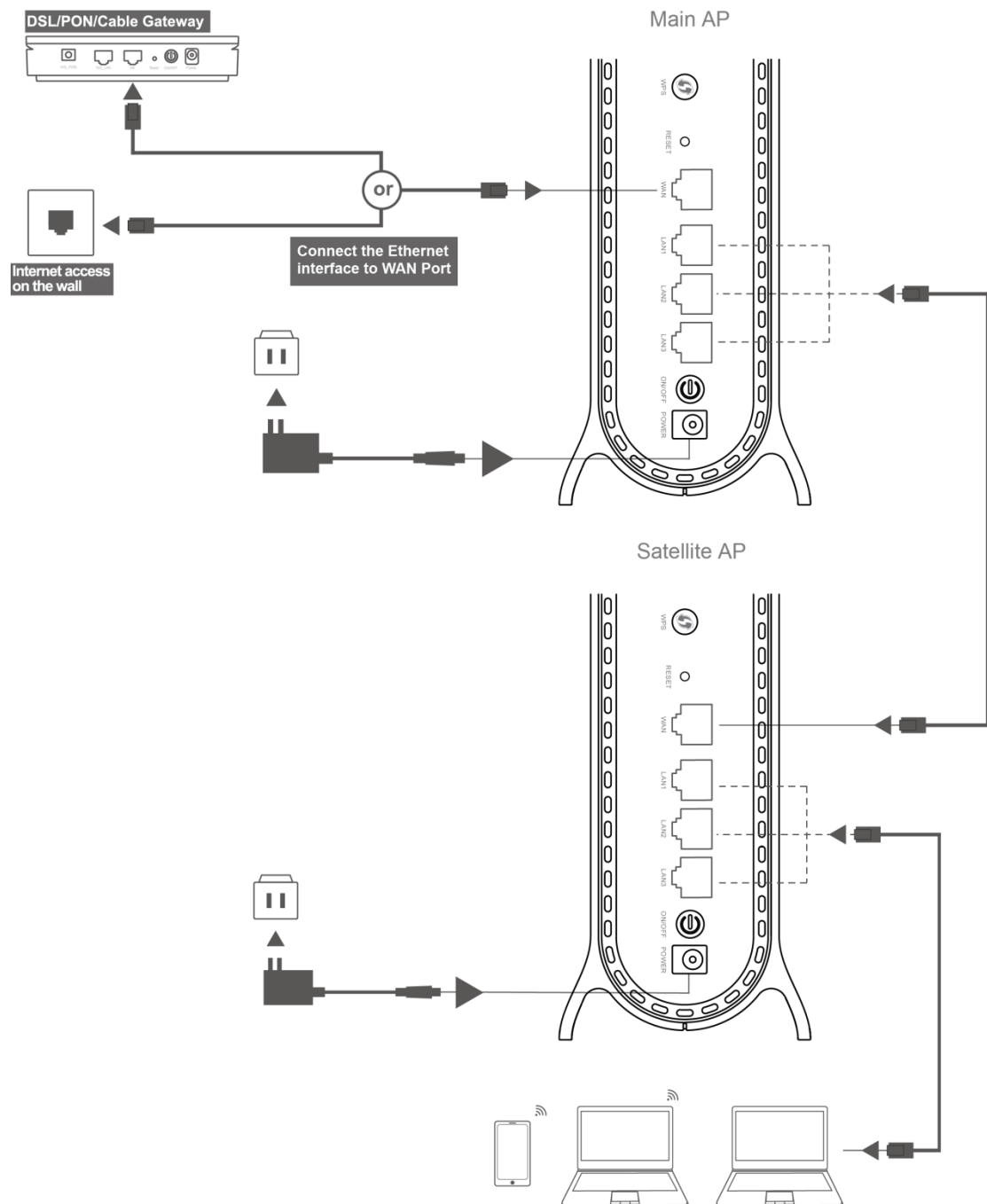
## ◆ Option 1: Wireless Networking



- 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 backside of Main AP.

## 05 Management Methods

### Option 1:HTTP

01 Connect your device to the Router using wireless or wired connection.

02 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.

### Option 2:DZS Router APP

Download the mobile APP software named 'Azores Router'.

Scan the QR code below or visit <https://azoresnetworks.com/pages/download-center> in the browser to view the electronic user manual for more management instructions.



Scan QR code to download electronic user manual

## 06 Frequently Asked Questions

### Q1 Internet is not accessible.

Answer:

- (1) If the LED of 1664WC or Main AP in 1664WC-DUO mesh set keeps Blinking Red, check whether its WAN port is connected to your Broadband Gateway (i.e. DSL/Cable modem, PON gateway) with a network cable.
- (2) If the LED of 1664WC or Main AP in 1664WC-DUO mesh set keeps Blinking Green, check whether its WAN settings is all right or your Broadband Gateway service is all right.
- (3) If the LED of Satellite AP in 1664WC-DUO mesh set keeps Blinking Red, try to reboot Satellite AP or restore the device to its default settings.
- (4) If the LED of Satellite AP in 1664WC-DUO mesh set keeps Blinking Green, try to adjust the distance between Main AP and Satellite AP, and refer to **MESH SETUP STEPS** to re-operate.
- (5) If LED is Steady Green, try to reboot your computer or smart phone and then reconnect the router. Check whether your computer or smart phone gets an IP address.

### Q2 How to restore the device to its default settings?

Answer: When DZS Router has started, pushing the “Reset” hole on the backside of the device with a needle. The LED starts to flash green and hold for 5 more seconds. Release when the LED turns off. Wait about 2 minutes for the device to restart.

### Q3 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>.

### Q4 What if I already purchased a Mesh Router set and want to further expand the network with additional AP(s)?

Answer: You need to purchase another or more Azores routers and expand the current mesh network. Please scan the QR code to view the electronic user manual to obtain the customized mesh network operation method.



## FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 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.