

airlive®



**#W6184QAX**

# User Manual

Wi-Fi 6 AX 1800 Indoor Gigabit Router

## INDEX

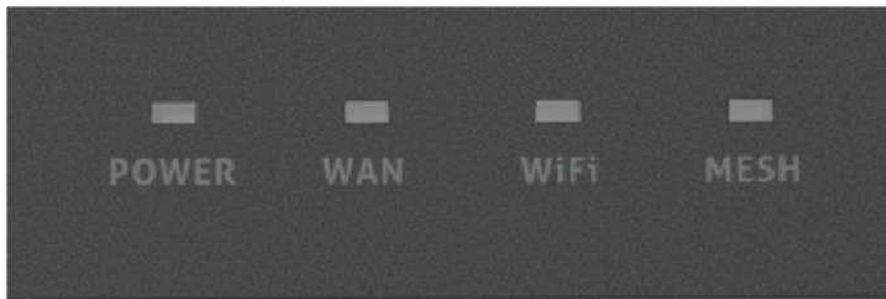
1.Product Overview .....	3
2.LED Description .....	3
3. Back Panel.....	4
4.CONNECTIONS and SETUP STEPS .....	5
5.Login to your Router .....	5
6. MESH SETUP STEPS.....	6
Option 01 WIRED MESH SETUP .....	6
Option 02 WIRELESS MESH SETUP .....	7
7.Setup Wizard .....	8
8.Main Setup (Home) .....	13
9.Internet.....	16
10.Wireless .....	22
11.LAN .....	27
12.Advanced.....	29
FAQ .....	61

# 1.Product Overview

## Model: W6184QAX

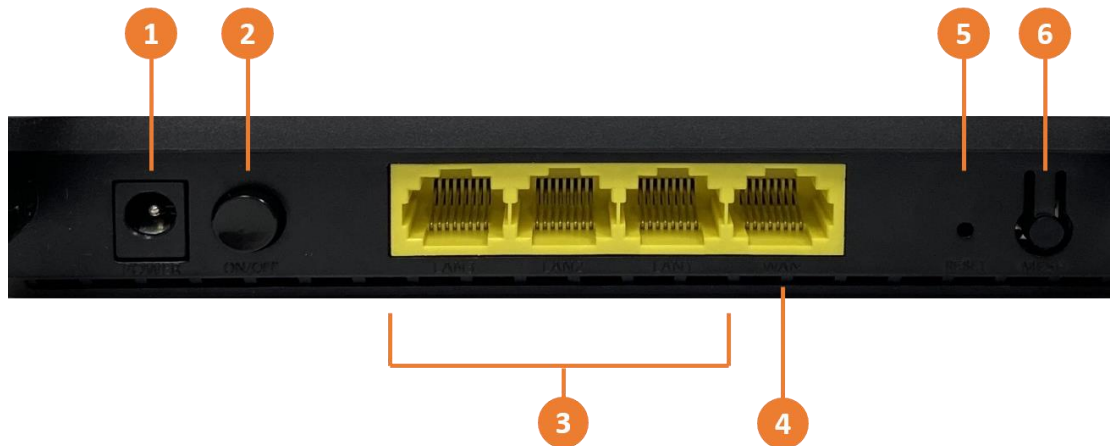
This is an Ethernet uplink wireless Router with Mesh for home users, it is designed for expanding home network coverage and providing 2.4GHz and 5GHz high-speed connection speed. The device offers 4 Gigabit Ethernet ports (1 for WAN port,3 for LAN port), 2\*2 2.4GHz(11ax) +2\*2 5GHz(11ax) Wi-Fi.

## 2.LED Description



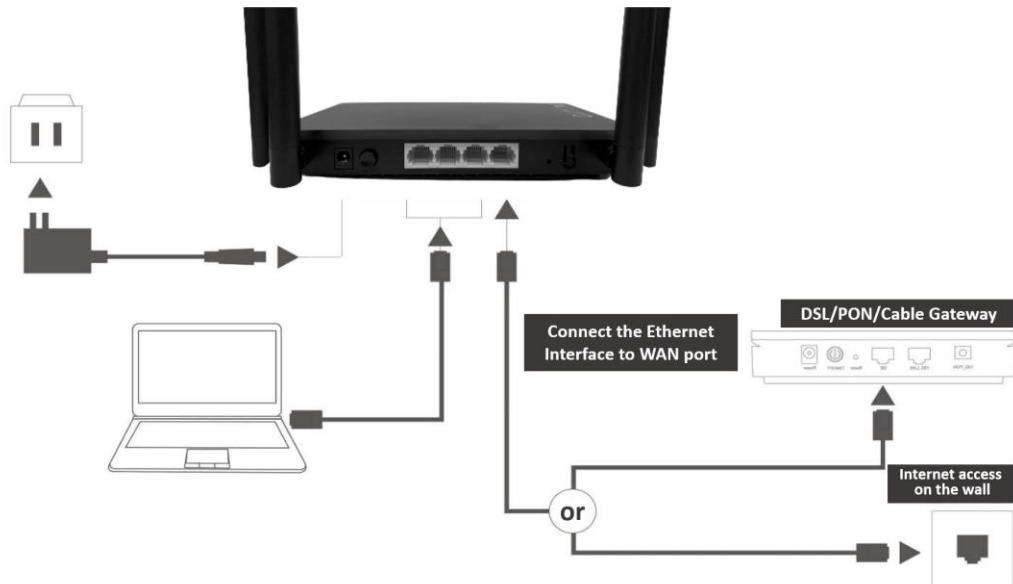
Name	Color	Description	Status
Power	Blue	The device is normally powered	ON
		The device is not powered on	OFF
WAN	Blue	The WAN Interface is connected normally	ON
		No WAN Connected	OFF
WIFI	Blue	WLAN （2.4GHz or 5GHz ）is enable	ON
		WLAN （2.4GHz or 5GHz ）is disable	OFF
MESH	Blue	Mesh is connected normally	ON
		Mesh connecting	Blinking
		Mesh is disable	OFF

### 3. Back Panel



- 1: Power port, connect the included AC adapter to this port.
- 2: ON/OFF power button
- 3: Ethernet ports LAN 1~3, Connect your computer or other devices to these ports.
- 4: Internet port (WAN), Connect an ethernet cable from this port to your modem.
- 5: Reset button: When the router is powered on, push the “Reset” button with a needle. The LEDs starts to flash and hold the reset button for 10 more seconds. Then release it and the Router will reboot. Wait for about 2 minutes, then the factory default reset is completed.
- 6: Mesh button: Push this button to setup a Mesh network between this router and one or more others.

## 4.CONNECTIONS and SETUP STEPS



Step1.Setup connections according to the diagram above.

Step2.Press down the ON/OFF button on the Router. When the Power status LED is ON, the Router is switched on.

Step3. When WAN LED, you can surf the Internet now. Wired clients can be connected directly to LAN ports for Internet access; Wireless clients can use the SSID & password on the bottom shell label to connect to Internet.

## 5.Login to your Router

Step1. Set your PC to obtain an IP address automatically.

Step2. Open the web browser and enter <http://192.168.10.1> in the address bar (Management IP address in the bottom shell label) or type <http://airlive.wifi> .

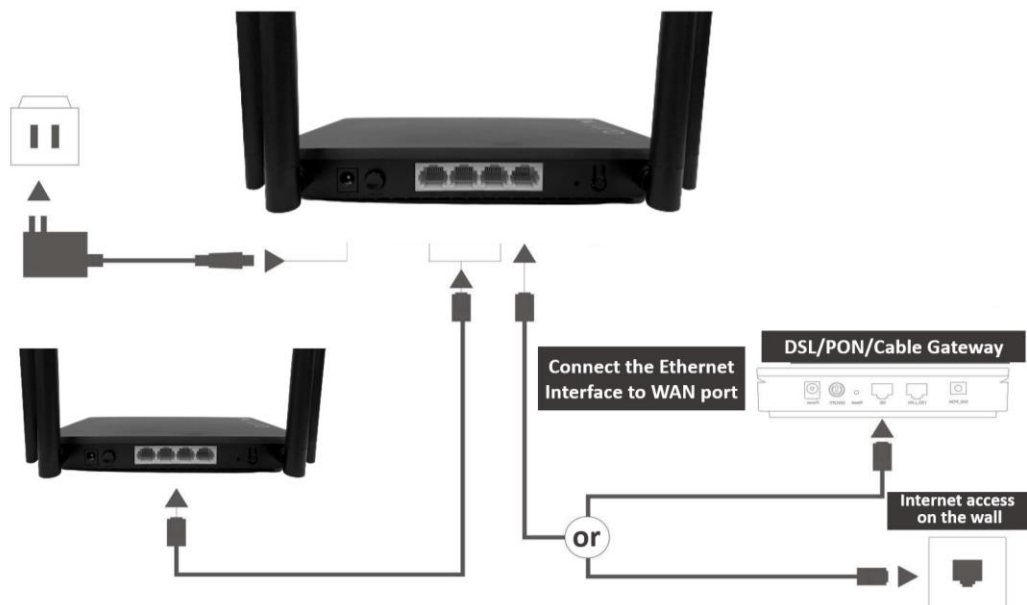
Step3. Enter the Username and Password in Login web (Username and Password on the bottom shell label) and click Login to access the configuration web.

Step4. You can modify the default Wi-Fi configurations on corresponding page.

## 6. MESH SETUP STEPS

If you need Wi-Fi expansion, you can buy the same model Routers as Mesh Sub Router. To optimize wireless performance, place the Sub Router in a location that minimizes the barrier (such as wall, door, and floor) between the Main Router and the Sub Router. We recommend one wall/door/floor between the two devices. You can connect the Sub Router to your Main Router via network cable (preferred method) or wireless connection.

### Option 01 WIRED MESH SETUP



Step1. Press down the ON/OFF button on the Sub Router (AP). When the Power status LED is ON, the Sub Router is switched on.

Step2. Place the Sub Router (AP) near the Main Router.

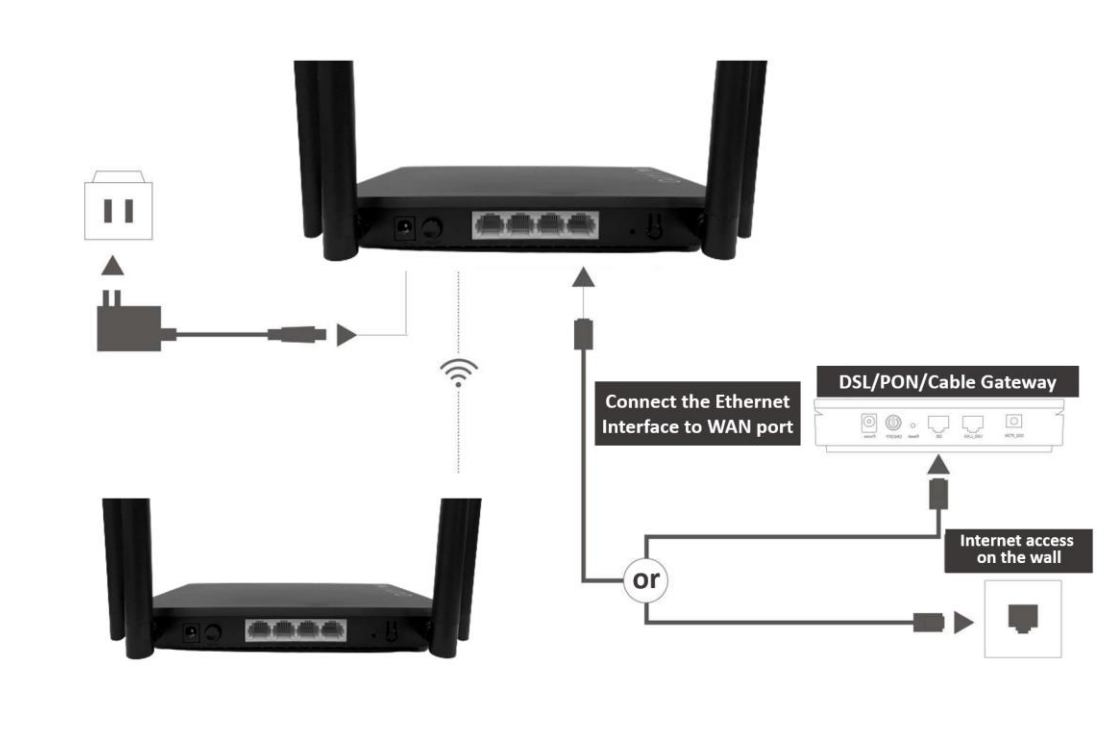
Step3. After the Wi-Fi LED is burning solid. Press both the MESH buttons, Main router first then the Sub router, respectively. Pairing is in progress when both the MESH LEDs of the Main Router and Sub Router are blinking. Pairing is successful when both the MESH LEDs of the Main Router and Sub Router are solid.

Step4. You can move the Sub Router to the network expansion location.

Step5. Setup connections according to the diagram above, connect a network cable from the Main router to the Sub router using the LAN ports.

Step6. Wireless clients can use the same Wi-Fi SSID and password as the Main Router to connect to Internet.

## Option 02 WIRELESS MESH SETUP



Step1. Press down the ON/OFF button on the Sub Router (AP). When the Power status LED is ON, the Sub Router is switched on.

Step2. Place the Sub Router (AP) near the Main Router. Setup connections according to the diagram above.

Step3. After the Wi-Fi LED is burning solid. Press both the MESH buttons, Main router first then the Sub router, respectively. Pairing is in progress when both the MESH LEDs of the Main Router and Sub Router are blinking. Pairing is successful when both the MESH LEDs of the Main Router and Sub Router are solid.

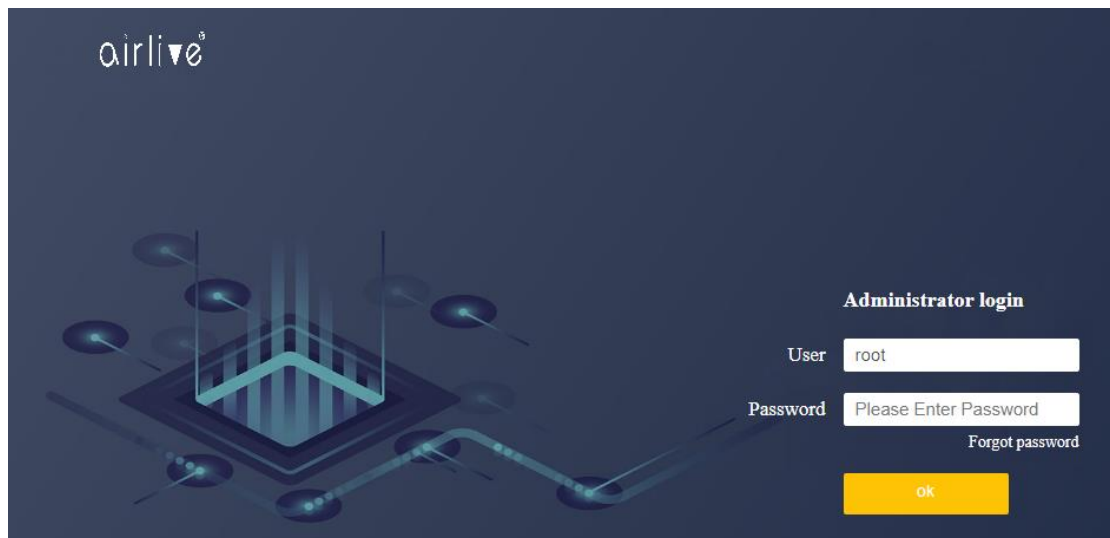
Step4. You can move the Sub Router to the network expansion location.

Step5. Wireless clients can use the same Wi-Fi SSID and password as the Main Router to connect to Internet.

## 7.Setup Wizard

The Setup Wizard will guide in the basic setup of the router.

Set your PC to obtain an IP address automatically. Open the web browser and enter <http://192.168.10.1> in the address bar (Management IP address in the bottom shell label). Enter the Username and Password in Login web (Username and Password in the bottom shell label) and click “Ok” to access the web configuration.

The image shows the AirLive Administrator login page. On the left, there is a stylized graphic of a network router with several antennas. The background is dark blue. On the right, the text "airlive" is in the top left corner. Below it, the title "Administrator login" is centered. There are two input fields: "User" with the value "root" and "Password" with the placeholder text "Please Enter Password". Below the password field is a link "Forgot password". At the bottom right is a yellow button labeled "ok".

airlive

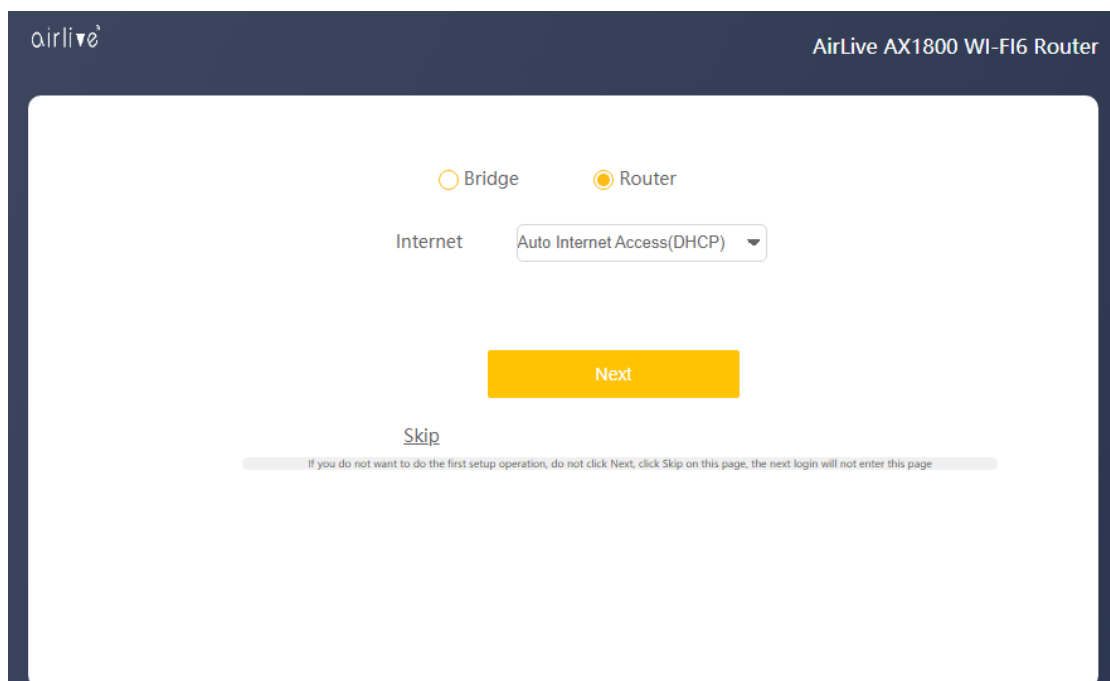
Administrator login

User

Password

[Forgot password](#)

After the login, the Wizard will be shown. The Wizard will only be shown during the first-time login. Select your mode for Internet connection. **Router Mode**

The image shows the AirLive AX1800 WI-FI6 Router Setup Wizard. The title bar at the top says "airlive" on the left and "AirLive AX1800 WI-FI6 Router" on the right. The main content area has a white background. At the top, there are two radio buttons: "Bridge" (unselected) and "Router" (selected). Below them, there is a label "Internet" and a dropdown menu showing "Auto Internet Access(DHCP)". At the bottom, there is a yellow button labeled "Next" and a link labeled "Skip". Below the "Skip" link, there is a small grey box with the text: "If you do not want to do the first setup operation, do not click Next, click Skip on this page, the next login will not enter this page".

airlive AirLive AX1800 WI-FI6 Router

☐ Bridge ☒ Router

Internet

[Skip](#)

If you do not want to do the first setup operation, do not click Next, click Skip on this page, the next login will not enter this page



The default selection is Router mode. In Router mode the default selection is **DHCP**. When your modem is using **PPPoE** as connection type, then from the Pull-down menu select PPPoE and enter your Account and password as provided by your ISP.

airlive® AirLive AX1800 WI-FI6 Router

☐ Bridge ☒ Router

Internet Broadband Dialing(PPPoE) ▼

Account

Password

Next

[Skip](#)

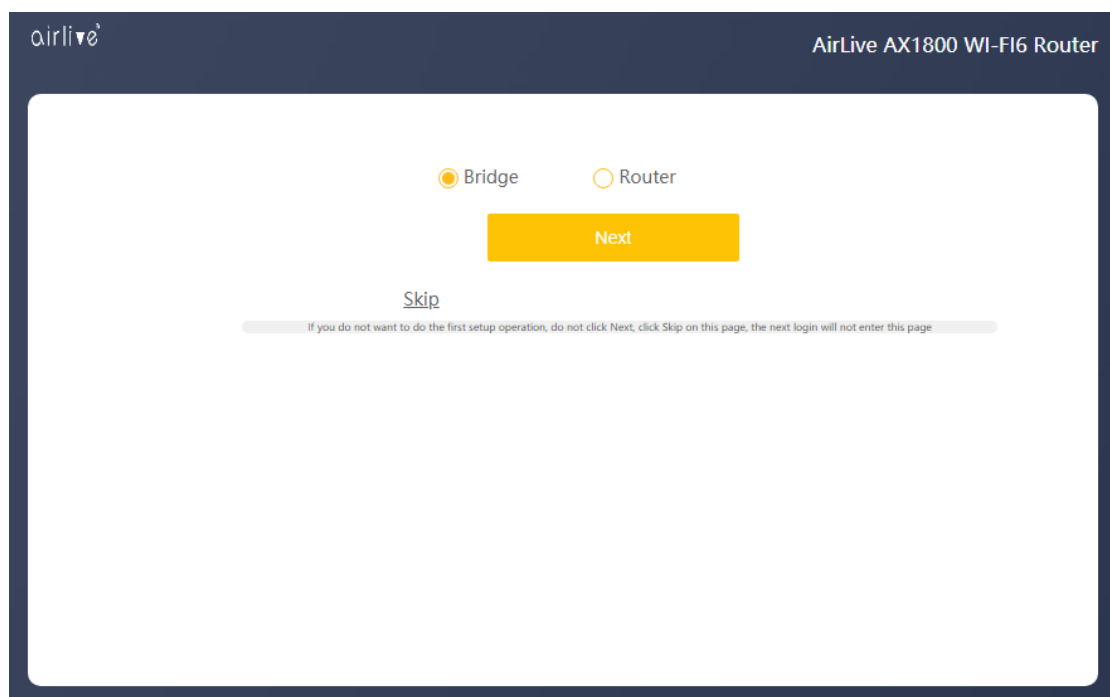
If you do not want to do the first setup operation, do not click Next, click Skip on this page, the next login will not enter this page

Press Skip to skip this page and setup the internet connection later. For a later setup select the Internet menu on the main page (chapter 9 of the user manual).

## Bridge Mode

Bridge Mode disables all router capabilities and turns the router into an access point. The router will cease to act as a DHCP server and its built-in firewall as well as the NAT features. will no longer be in effect.

Select Bridge mode when you want the device (router) to which the W6184QAX is connected to act as a DHCP server for your network. Devices connected to the W6184QAX will get an IP address from the device connected to the WAN port of the router. Please note that the AirLive W6184QAX will also get an IP address from the router and its default IP address 192.168.10.1 will no longer work unless the router is reset back to default. To find your routers IP address in your local network you can use IP scanner.

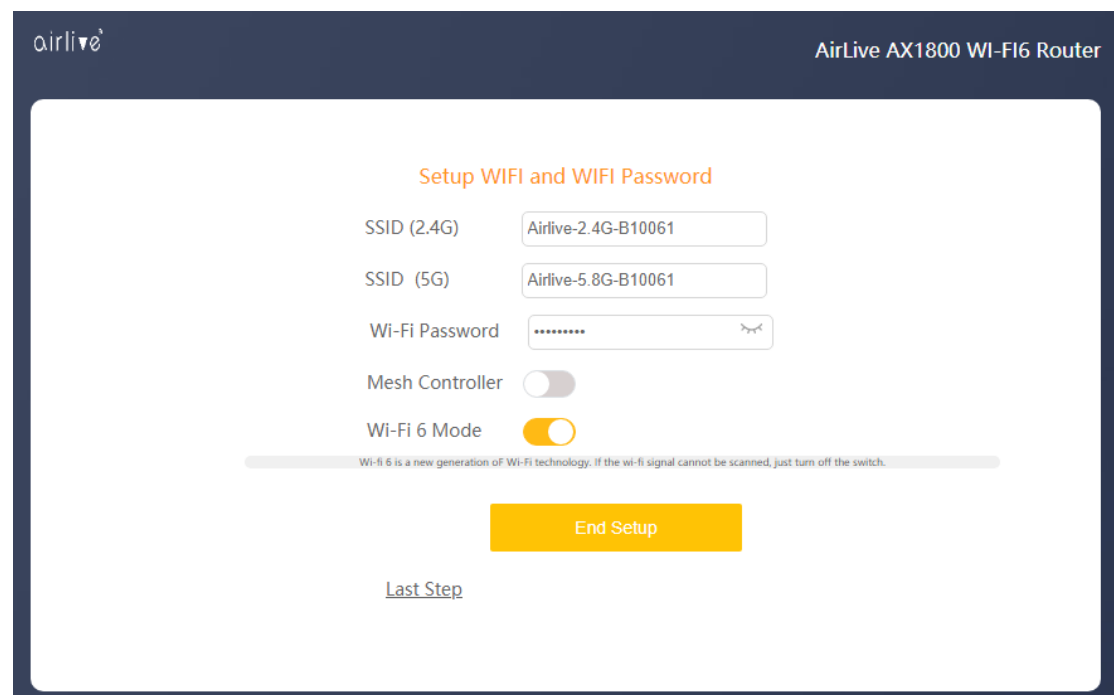


## Wi-Fi Setup

The Wi-Fi setup allows for basic wireless settings to be changed. For more detailed changes please go to the Wireless menu on the main page.

**SSID (2.4 & 5GHz):** This is the name of the wireless network to which your wireless devices can connect. To change the SSID name, click on the field next to 2.4G and/or 5GHz and change the name from the default one to your own.

**Wi-Fi Password:** This is the password you will be asked to enter when connecting to the wireless network. The default wireless password is 123456789. Note: For security it is best to change this default password to your own password. Click on the eyelash icon to see the password.



The screenshot shows the 'Setup WIFI and WIFI Password' interface for an AirLive AX1800 Wi-Fi6 Router. The page has a dark blue header with the 'airlive' logo on the left and 'AirLive AX1800 WI-FI6 Router' on the right. The main content area is white and contains the following elements:

- SSID (2.4G):** A text input field containing 'Airlive-2.4G-B10061'.
- SSID (5G):** A text input field containing 'Airlive-5.8G-B10061'.
- Wi-Fi Password:** A text input field with masked characters (dots) and an 'eyelash' icon to toggle visibility.
- Mesh Controller:** A toggle switch currently in the 'off' position.
- Wi-Fi 6 Mode:** A toggle switch currently in the 'on' position.
- Information Bar:** A light gray bar with the text: 'Wi-Fi 6 is a new generation of Wi-Fi technology. If the wi-fi signal cannot be scanned, just turn off the switch.'
- End Setup:** A large yellow button.
- Last Step:** A blue link.

## Mesh Controller

By default, the MESH Controller is turned off. To enable the MESH controller click on the slider bar. Note when making a MESH network only one router will be the controller. When the MESH controller is turned on, on the second device the MESH button can be pushed, and it will become the slave in the MESH network. See Chapter 6 for more detail.

airlive AirLive AX1800 WI-FI6 Router

Setup WIFI and WIFI Password

SSID (2.4G) Airlive-2.4G-B10061

SSID (5G) Airlive-5.8G-B10061

Wi-Fi Password .....

Mesh Controller ☒

When setting this option, if mesh is turned on, the default setting will be the main mode. Mesh networking connecting devices only need one main mode. Push the Mesh button on the back of the main mode router first followed by pushing the Mesh button on the Slave device.

Wi-Fi 6 Mode ☒

Wi-Fi 6 is a new generation of Wi-Fi technology. If the wi-fi signal cannot be scanned, just turn off the switch.

End Setup

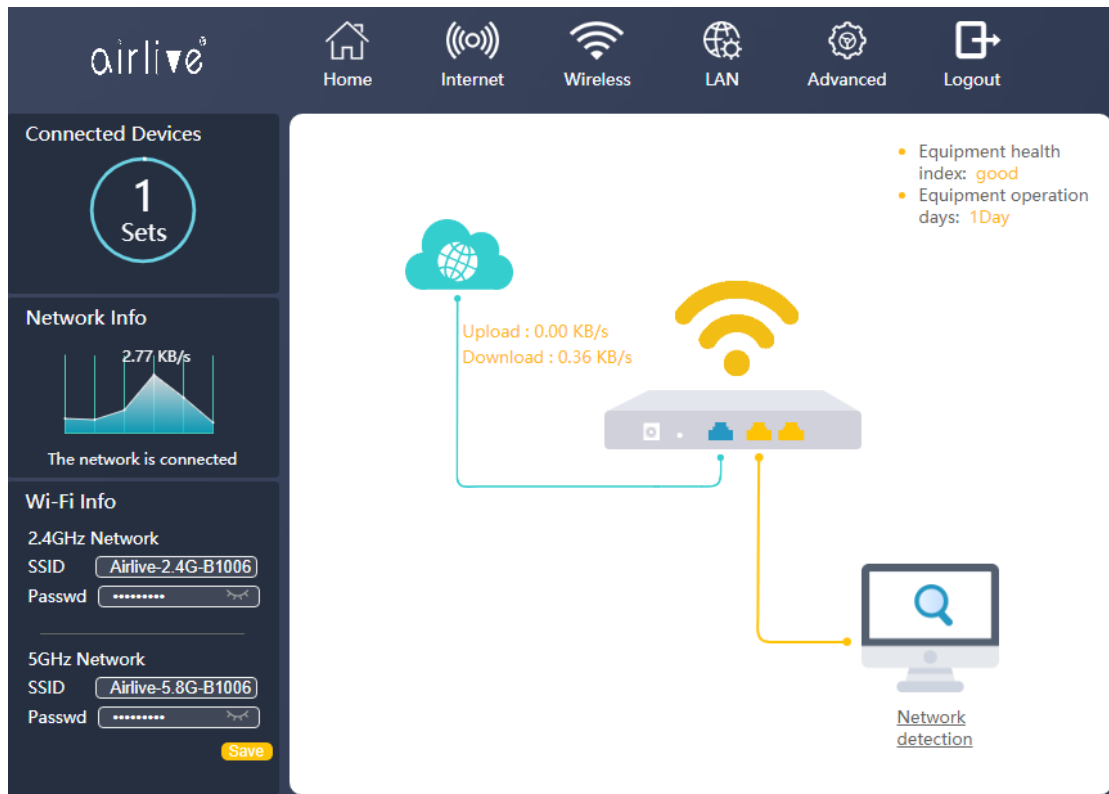
[Last Step](#)

## Wi-Fi 6 Mode

Wi-Fi 6 is a new generation of Wi-Fi technology that supports a variety of new functions such as OFDMA, which can make the connected Wi-Fi terminals have a better experience. However, when this function is enabled, some old terminals may have compatibility problems such as unable to scan the Wi-Fi signal or unable to connect to Wi-Fi, and they just need to switch from Wi-Fi 6 to Wi-Fi 5. Turn this mode off when an older wireless device has problem connecting to the router.

## 8.Main Setup (Home)

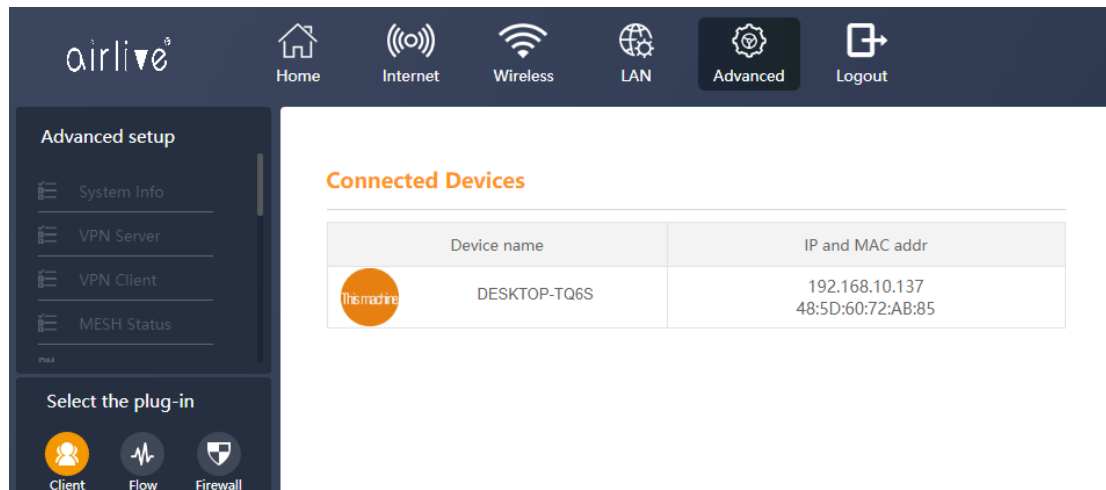
This is main setup page of the router and show all the current information and sub menu's for more detailed setups.



This Main page also shows the upload and downloaded data in real time and shows the device health and operation.

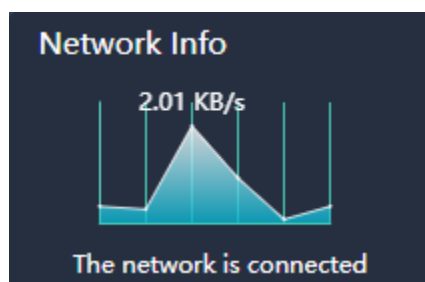
## Connected Devices

The number shown in the circle shows the total number of devices connected to the router at the current time. Click on Connected Devices (the large circle with the number in it) to see more details including Device Name, IP Address and MAC Address.



## Network Info

Network Info displays the current data throughput of the router. For a more detailed graph go to the Advanced menu and select Flow in the Plug-in menu.



## Wi-Fi Info

Wi-Fi info is a quick field which lets you change the wireless SSID and password. Press Save to activate your new SSID and/or password. To view the password, click on the eyelash icon.

The 'Wi-Fi Info' page displays settings for two wireless networks. For the 2.4GHz Network, the SSID is 'Airlive-2.4G-B1006' and the password is masked with dots. For the 5GHz Network, the SSID is 'Airlive-5.8G-B1006' and the password is also masked. A yellow 'Save' button is located at the bottom right.

## Network Detection

To see more detailed information of the health and operation, click on Network detection in the bottom right corner. A new page will open which will test the device.

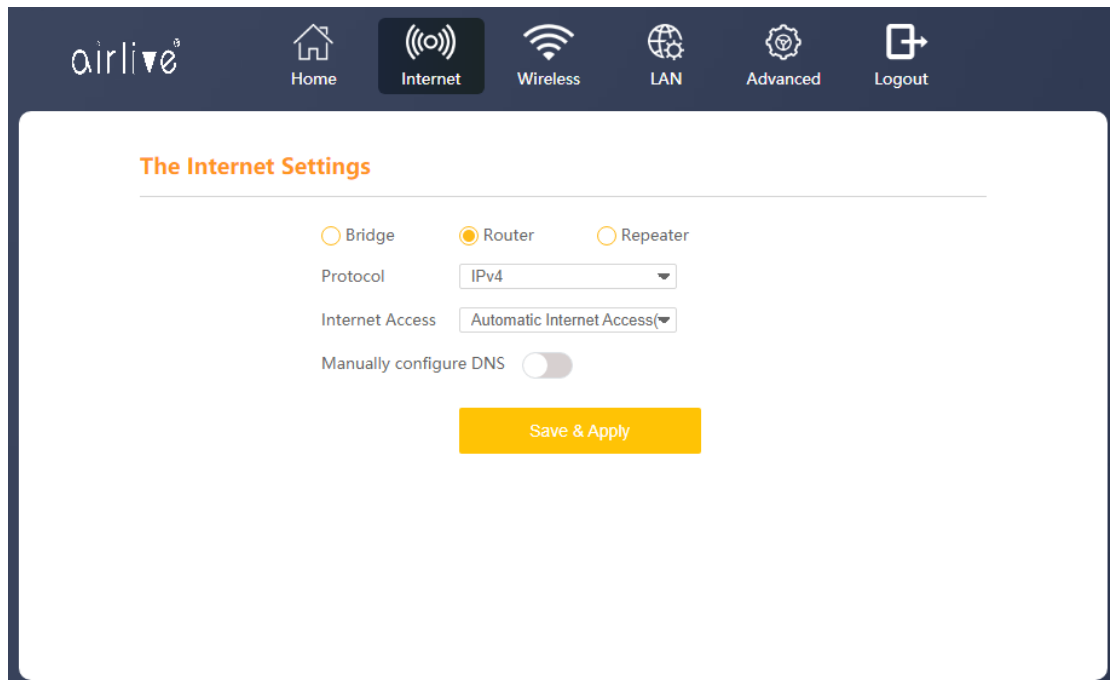
A green checkmark means the function is okay. No green check mark means a failure. Red text will mean the function is working but needs your attention.

Network detection

No	Test content		Test Results
1.	Is the external network WAN connected?		✓
2.	Did you get an external IP address?		✓
3.	Is the domain name DNS correct?		✓
4.	Visit Yahoo www.yahoo.com?	8.523ms (extreme speed)	✓
5.	Visit Google www.google.com?	44.201ms (fast)	✓
6.	2.4G Wi-fi password strength	weak <u>Set to mix Numbers and characters</u>	✓
7.	5G Wi-fi password strength	weak <u>Set to mix Numbers and characters</u>	✓
8.	Memory capacity (usage/total capacity)	159.05MB / 256MB	✓
Run time		0day1hour11min7sec	
Current equipment operation status:		good,the network is normal	
Redetect			

## 9. Internet

The Internet menu is used to setup your internet connection. When the router was already setup via the Wizard. Then these settings would be the same. The default selection is Router mode. In Router mode the default selection is **DHCP** (Automatic Internet Access). Protocol can be IPv4, IPv6 or IPv4/IPv6



The screenshot displays the 'Internet Settings' page of an AirLive router. The top navigation bar includes the 'airlive' logo and several menu items: Home, Internet (highlighted), Wireless, LAN, Advanced, and Logout. The main content area is titled 'The Internet Settings'. It features three radio button options: Bridge, Router (which is selected), and Repeater. Below these, there are two dropdown menus: 'Protocol' set to 'IPv4' and 'Internet Access' set to 'Automatic Internet Access'. A toggle switch for 'Manually configure DNS' is currently turned off. At the bottom of the settings area is a yellow 'Save & Apply' button.



## DNS

Manually configure DNS: By default, this function is turned off, which means the router is using the DNS which is assigned by your ISP. To change the DNS address, click on the slider bar to enable manual DNS and enter your preferred DNS. You can also select “Recommend” then the router will fill in the recommend DNS address automatically. Press Save & Apply to save your changed settings.

The Internet Settings

☐ Bridge ☒ Router ☐ Repeater

Protocol

Internet Access

Manually configure DNS ☒

DNS1  [Recommend](#)

DNS2

## PPPoE

When your modem (ISP) is using **PPPoE** as connection type. Then from the Pull-down menu select PPPoE and enter your Account and password as provided by your ISP. When more information needs to be entered, then click on the Special Dial to setup the MTU and DNS information. Depending on your location the MTU is 1500 or 1492. See your ISP for the correct value. For the DNS you can enter your preferred DNS or click Recommend.

The Internet Settings

☐ Bridge ☒ Router ☐ Repeater

Protocol:

Internet Access:

Account:

Password:

Special Dial: ☒

MTU:  Special dialing 1400-1500 bytes

Service Name:  Not required

DNS1:  [Recommend](#)

DNS2:

[Save & Apply](#)

## Static IP

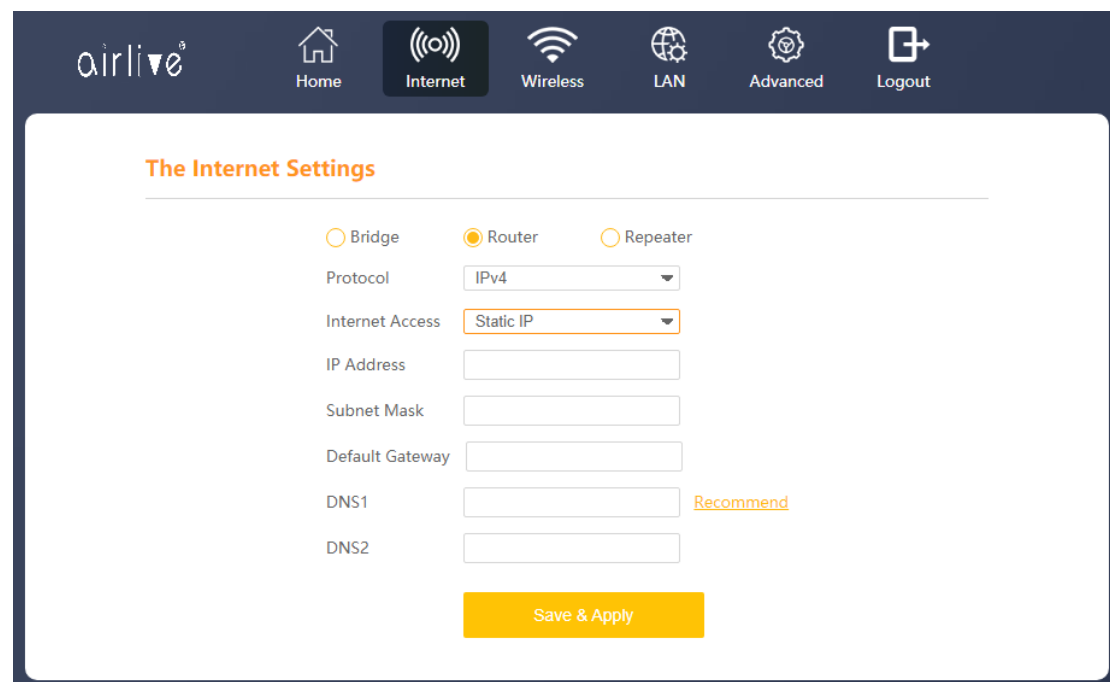
When using Static IP, you must input the Static IP address, Subnet mask, Default gateway and DNS information provided by your broadband operator.

IP Address: Enter your static IP.

Subnet Mask: Enter your Subnet.

Gateway: Enter your Gateway IP

DNS: You can assign a static DNS addresses or leave them NULL to use the DNS assigned by ISP. You can also select "Recommend" then the router will fill in the recommend DNS address automatically. Press Save & Apply to save your changed settings.



The Internet Settings

☐ Bridge ☒ Router ☐ Repeater

Protocol: IPv4

Internet Access: Static IP

IP Address:

Subnet Mask:

Default Gateway:

DNS1:  [Recommend](#)

DNS2:

[Save & Apply](#)

In Router mode, when IPv6 or IPv4/IPv6 are selected the same from the protocol selection. The same Internet options are available DHCP, PPPoE and Static IP. Note that only now also your IPv6 information needs to be entered as provided by your ISP.

The screenshot shows the 'The Internet Settings' page in the AirLive W6184QAX web interface. The 'Internet' tab is selected in the top navigation bar. The settings are configured for Router mode. The 'Protocol' is set to 'IPv6'. The 'Internet Access' is set to 'Automatic Internet Access'. The 'Global Address' is set to 'SLAAC'. The 'Gateway' is set to 'SLAAC'. The 'DNS' is set to 'DHCPv6'. The 'Prefix' is set to 'DHCPv6'. A yellow 'Save & Apply' button is at the bottom.

Setting	Value
Mode	Router
Protocol	IPv6
Internet Access	Automatic Internet Access
Global Address	SLAAC
Gateway	SLAAC
DNS	DHCPv6
Prefix	DHCPv6

## Bridge

Bridge Mode disables all router capabilities and turns the router into an access point. The router will cease to act as a DHCP server and its built-in firewall as well as the NAT features. will no longer be in effect. Select Bridge mode when you want the device (router) to which the W6184QAX is connected to act as a DHCP server for your network. Devices connected to the W6184QAX will get an IP address from the device connected to the WAN port of the router. Please note that the AirLive W6184QAX will also get an IP address from the router and its default IP address 192.168.10.1 will no longer work unless the router is reset back to default. To find your routers IP address in your local network you can use IP scanner.

The screenshot shows the 'The Internet Settings' page in the AirLive W6184QAX web interface. The 'Internet' tab is selected in the top navigation bar. The settings are configured for Bridge mode. The 'Protocol' is set to 'IPv6'. The 'Internet Access' is set to 'Automatic Internet Access'. The 'Global Address' is set to 'SLAAC'. The 'Gateway' is set to 'SLAAC'. The 'DNS' is set to 'DHCPv6'. The 'Prefix' is set to 'DHCPv6'. A yellow 'Save & Apply' button is at the bottom.

Setting	Value
Mode	Bridge
Protocol	IPv6
Internet Access	Automatic Internet Access
Global Address	SLAAC
Gateway	SLAAC
DNS	DHCPv6
Prefix	DHCPv6

## Repeater

Important when the MESH function is already being used the Repeater function will not work. When you would like to use the Repeater function, please make sure to disable the MESH function. After Repeater is enabled you need to click on the slider bar to select your primary router. Select the SSID you like to connect to and enter the wireless password for that router. When the repeater mode is in use in the same network as the primary router make sure there is no network cable connected the WAN port of the slave device (the one which enabled repeater mode).

airlive®

Home

Internet

Wireless

LAN

Advanced

Logout

### The Internet Settings

☐ Bridge ☐ Router ☒ Repeater

### Repeater

Enable wireless relay for signal expansion through wireless connection between master and slave routers. For example, the main router (usually not set) is placed on the first floor, and the second floor is placed from the router (the machine). The second floor signal becomes stronger immediately when the router relays the signal to the main router.

☒

Please select the primary router you want to connect to Refresh

Select	SSID	Signal	Channel	Encryption
<input type="radio"/>	6000ES	<div></div>	2	psk-mixed+aes
<input type="radio"/>		<div></div>	6	psk2+aes
<input type="radio"/>	Airlive-AX-2.4G	<div></div>	6	psk-mixed+tkip+aes
<input type="radio"/>	UTEHQ	<div></div>	11	wpa2+aes
<input type="radio"/>	Airlive-AX-2.4G	<div></div>	6	psk-mixed+tkip+aes
<input type="radio"/>		<div></div>	6	psk2+aes

Relay SSID : Password : Status : Ununited

# 10.Wireless

To change the wireless settings of the router, select Wireless from the top menu on the main page. The wireless menu displays all the wireless settings. To turn off all the wireless functions of the router, click on the slider bar to off. By disabling the wireless function, you will no longer be able to access the router via Wi-Fi. Only the LAN ports on the router will function. To access the router after Wi-Fi has been turned off, please use the LAN ports.

## Wi-Fi ON/OFF

Wi-Fi ON/OFF ☒

## Auto Band Steering

Auto Band Steering ☐

Enabling auto band steering allows router to connect devices automatically on 2.4 or 5GHz band based on the signal strength.

## 2.4GHz Wi-Fi Settings

2.4G Signal Strength  
100%Wi-Fi Enable ☒SSID  ☐ Hide Wi-FiEncryption Wi-Fi Password Wi-Fi Channel Bandwidth Transmit Power 

## 5GHz Wi-Fi Settings

5G Signal Strength  
100%Wi-Fi Enable ☒SSID  ☐ Hide Wi-FiEncryption Wi-Fi Password Wi-Fi Channel Bandwidth Transmit Power 

## Guest Wi-Fi

Guest Wi-Fi Switch ☐

## Wi-Fi 6 Mode

Wi-Fi 6 Mode 

Wi-fi 6 is a new generation of Wi-Fi technology that supports a variety of new functions such as OFDMA, which can make the connected Wi-Fi terminals have a better experience. However, when this function is enabled, some old terminals may have compatibility problems such as unable to scan the Wi-Fi signal or unable to connect to Wi-Fi, and they just need to switch from Wi-Fi 6 to Wi-Fi 5.

[Save & Apply](#)

## 2.4Ghz and 5Ghz Wi-Fi Settings

Use the settings page to change settings to your 2.4GHz and/or 5GHz wireless setup.

Wi-Fi Enable: 2.4Gh or 5Ghz, click to enable or disable your 2.4Ghz or 5Ghz Wi-Fi.

SSID: Type to modify your SSID name. (2.4Ghz and 5Ghz can have different names). Turn on Band Steering if you want only 1 SSID for both 2.4GHz and 5GHz.

Hide SSID: Click to turn on, to hide SSID from being broadcast.

Encryption: Select the Encryption for your wireless network, 2.4Ghz and 5Ghz can have their own Encryption and it does not have to be the same. Select the Encryption type from the pull-down menu. No Encryption, WPA, WPA2, WPA3, WPA2/WPA, WPA2/WPA3.

Wi-Fi Password: Type to modify your password, click on the eyelash icon to see the password.


Wi-Fi Channel: Click the pull-down menu to select your wireless channel, Select Auto and the Router will select the best channel by itself.

Select 1~13 (2.4GHz), 34~64 (5GHz) Channel: Select your wireless channel (channel number is dependent on your region). To change your region, go to the Advanced menu >> Advanced Setup >> Country Code, to select your region.

Bandwidth: Default is Auto, which will give the best performance. It is also possible to change to setting, Select the frequency you want to use. For 2.4GHz this is 20MHz or 40MHz. For 5GHz the choice is 20MHz, 40MHz or 80MHz.

Transmit Power: Select the TX output power of the router. Select Low, Middle or High.

### 2.4GHz Wi-Fi Settings




2.4G Signal Strength  
100%

Wi-Fi Enable ☒

SSID  ☐ Hide Wi-Fi

Encryption


Wi-Fi Password  

Wi-Fi Channel

Bandwidth

Transmit Power

### 5GHz Wi-Fi Settings




5G Signal Strength  
100%

Wi-Fi Enable ☒

SSID  ☐ Hide Wi-Fi

Encryption

Wi-Fi Password  

Wi-Fi Channel

Bandwidth

Transmit Power



## Auto Band Steering

By default, this setting is turned off. To enable Band Steering click on the slider bar behind the function. Enabling Auto Band Steering allows the router to connect devices automatically on 2.4 or 5GHz band based on the signal strength. When enabled only one SSID will be shown for both 2.4 and 5GHz.

Wi-Fi Enable: 2.4GHz/5GHz click to enable or disable your 2.4GHz/5GHz Wi-Fi.

SSID: Type to modify your SSID name.

Hide SSID: Click to turn on, to hide SSID from being broadcast.

Encryption: Select the Encryption for your wireless network, Select the Encryption type from the pull-down menu. No Encryption, WPA, WPA2, WPA3, WPA2/WPA, WPA2/WPA3.

Wi-Fi Password: Type to modify your password, click on the eyelash icon to see the password.

Wi-Fi Channel: Click the pull-down menu to select your wireless channel, Select Auto and the Router will select the best channel by itself.

Select 1~13 (2.4GHz), 34~64 (5GHz) Channel: Select your wireless channel (channel number is dependent on your region). To change your region, go to the Advanced menu >> Advanced Setup >> Country Code, to select your region.

Bandwidth: Default is Auto, which will give the best performance. It is also possible to change to setting, Select the frequency you want to use. For 2.4GHz this is 20MHz or 40MHz. For 5GHz the choice is 20MHz, 40MHz or 80MHz.

Transmit Power: Select the TX output power of the router. Select Low, Middle or High.

### Auto Band Steering

Auto Band Steering ☒


Enabling auto band steering allows router to connect devices automatically on 2.4 or 5GHz band based on the signal strength.

### Wi-Fi Settings

Wi-Fi Enable ☒

SSID  ☐ Hidden Wi-Fi

Encryption

Wi-Fi Password  

#### 2.4 G Options

Wi-Fi Channel

Bandwidth

Transmit Power

#### 5G Options

Wi-Fi Channel

Bandwidth

Transmit Power

## Guest Wi-Fi

By default, this setting is turned off. To enable Guest- Wi-Fi click on the slider bar behind the function. Enabling the Guest Wi-Fi allows the router to turn on a Wi-Fi network which is separated from the default Wi-Fi network. This way guests can connect to your Guest wireless network, but they will not have access to your local area network. Note: The Guest Wi-Fi network only sends a Wi-Fi signal on 2.4Ghz. Encryption: Select the Encryption for your wireless network. Select the Encryption type from the pull-down menu. No Encryption, WPA, WPA2, WPA3, WPA2/WPA, WPA2/WPA3.

Wi-Fi Password: Type to modify your password, click on the eyelash icon to see the password.


### Guest Wi-Fi

---

Guest Wi-Fi Switch ☒

SSID

Encryption

Wi-Fi Password  

## Wi-Fi 6 Mode

Wi-Fi 6 is a new generation of Wi-Fi technology that supports a variety of new functions such as OFDMA, which can make the connected Wi-Fi terminals have a better experience. However, when this function is enabled, some old terminals may have compatibility problems such as unable to scan the Wi-Fi signal or unable to connect to Wi-Fi, and they just need to switch from Wi-Fi 6 to Wi-Fi 5. Turn this mode off when an older wireless device has problem connecting to the router.

### Wi-Fi 6 Mode

---

Wi-Fi 6 Mode

Wi-fi 6 is a new generation of Wi-Fi technology that supports a variety of new functions such as OFDMA, which can make the connected Wi-Fi terminals have a better experience. However, when this function is enabled, some old terminals may have compatibility problems such as unable to scan the Wi-Fi signal or unable to connect to Wi-Fi, and they just need to switch from Wi-Fi 6 to Wi-Fi 5.

# 11.LAN

## LAN Settings

Change the IP address settings for the Router.

IP Configuration default is IPv4 but IPv6 can also be selected.

IP address IPv4: Type to modify the IP address, this is the IP address to access the Router.

Subnet Mask: Type to modify the subnet mask.

### DHCP Settings:

DHCP Server: Default the DHCP Server is enabled click on the slider bar to disable the DHCP server. Note your router will no longer give IP addresses to connected devices.

IP Address Pool: Type to modify the starting range IP address to the end range IP address.

Default Gateway: Automatic

Address Lease Time: Select the maximum lease time from 2 mins ~ 1 week.

Domain Name Server: Default is Automatic this means the DNS used is the one from the ISP.

When you want to change the DNS select manual and enter your preferred DNS or click recommend for router recommend DNS.

**airlive** Home Internet Wireless LAN Advanced Logout

### LAN Settings

☒ IPv4 ☐ IPv6

IP Address

Subnet Mask

### DHCP Settings

DHCP Server ☒

IP Address Pool  to

Default Gateway  Not Required

Address Lease Time

Domain Name Server ☒ Automatic Setting ☐ Manual Setting

**Save & Apply**

## LAN Settings IPv6

The IPv6 configuration is similar to the IPv4 only now you change your IPv6 settings.

RA Setting: By default, this setting is disabled, to enable it checkmark the circle.

DHCP Settings: IP address is the IPv6 address of the router, type to change this. To start the IPv6 DHCP service, checkmark the circle and enter your DHCP start IP address and end IP address. LAN DNS Access is default set on Automatic, to change this select Manual and enter your preferred DNS.

Prefix Settings: Default is set to Automatic, select Manual to enter your own Prefix and Prefix length.

The screenshot shows the 'airlive' web interface for LAN settings. The top navigation bar includes 'Home', 'Internet', 'Wireless', 'LAN' (selected), 'Advanced', and 'Logout'. The main content area is titled 'LAN Settings' and contains several sections: 'IPv4' and 'IPv6' radio buttons (IPv6 is selected), 'RA Setting' with an 'RA Enabled' checkbox (unchecked), 'DHCP Settings' with an 'IP Address' field (containing '2001:db8:1::1') and a 'Start DHCP Service' checkbox (unchecked), and 'Prefix settings' with a 'Prefix Setting Method' dropdown menu (set to 'Automatic'). A yellow 'Save & Apply' button is at the bottom.

airlive

Home Internet Wireless LAN Advanced Logout

### LAN Settings

☐ IPv4 ☒ IPv6

### RA Setting

RA Enabled ☐

### DHCP Settings

IP Address  /

Start DHCP Service ☐

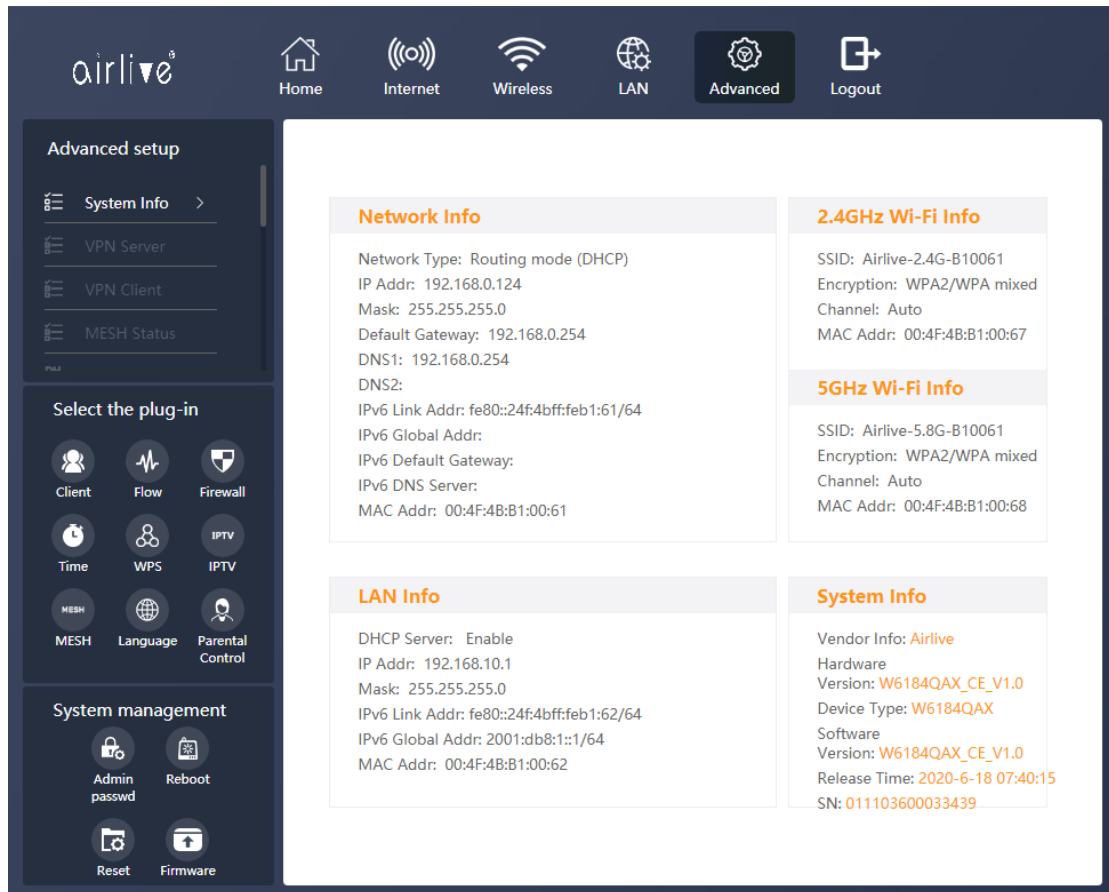
### Prefix settings

Prefix Setting Method

Save & Apply

# 12.Advanced

The Advanced menu is divided into 3 different parts: Advanced Setup, Select the Plug-in, and System Management.



## Advanced Setup

**System Information:** Displays all the detailed router information, Network Info, LAN, 2.4Ghz and 5Ghz Wi-Fi Info and System Info.

## VPN Server:

The VPN server function allows you to setup your own VPN server using the L2TP or the PPTP protocol. Login to you own network from a remote location using your secure VPN server connection.

Clicking the slider bar will enable the VPN Server function.

Select Protocol: There are two options for the protocol L2TP or PPTP please select the one you would like to use for building your VPN Server.

Client IP Pool: The IP range for the connected VPN devices will already be set automatically. Enter the Username and Password first then click on Set up the Service, after this you need to click on Add User to add the user (see below).

Add User: First enter a VPN Username and VPN Password (select Encryption when needed) then click on Add User to add the user. Ones added the new user will be shown in the bottom of the screen.

VPN Username: Enter your VPN Username for the Client that will connect to the server.

VPN Password: Enter your VPN Password for the user, click on the eyelash icon to see the password.

For PPTP only you will also have the option for the Encryption scheme, select either none or mppe from the pull down-menu.

The screenshot shows the 'airlive' web interface. The top navigation bar includes icons for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. On the left, a sidebar menu lists 'Advanced setup' with sub-items: System Info, VPN Server (selected), VPN Client, and MESH Status. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control. The main content area is titled 'VPN server Settings list' and includes a note 'All fields are required'. The settings include: 'Enable' (a toggle switch turned on), 'Select Protocol' (a dropdown menu set to 'L2TP'), 'Client IP Pool' (input fields showing '192.168.6.129' and '192.168.6.254' with a range summary '192.168.6.129-192.168.6.254'), 'VPN Username' (input field with 'Exampleuser' and an 'Add user' link), and 'VPN Password' (input field with masked characters and an eye icon). A yellow 'Set up the service' button is at the bottom.

After the Server and the Client have been added they will be shown in the bottom of the screen.

### List of VPN services

Protocol	Localip	Status	Operation
l2tp	192.168.6.1	choose	<a href="#">select</a> <a href="#">delete</a>

### List of current server users

server	Username	Operation
192.168.6.1	Exampleuser	<a href="#">delete</a>

## List of VPN services

Protocol	Localip	Status	Operation
pptp	192.168.6.1	choose	<a href="#">select</a> <a href="#">delete</a>

## List of current server users

server	Username	Operation
192.168.6.1	Exampleuser	<a href="#">delete</a>

### VPN Client:

The VPN Client function can make a VPN connection to a VPN Server via, PPTP or L2TP. To make a VPN connection make sure you all the correct information before you start to make the VPN connection. Note make sure your Client router does not have the same LAN IP range as the VPN Server router has.

Select Protocol: Select the protocol you would like to use for your VPN connection, From the pull-down menu you can select PPTP or L2TP.

After the VPN has been added, it will be shown in the list.

To start the connection, click on Connection. When the State of the connection shows Enabled (Connected) your VPN connection can be used. At the top of the screen the VPN IP address will be shown. When the connection shows Enabled (not connected) it could be that the VPN Server is down, or the wrong information was entered. Note make sure your Client VPN router does not have the same LAN IP range as the VPN Server Router.

PPTP:

First enter the name of your VPN connection, you can make you own name.

Select Protocol: PPTP

Server: Enter the VPN Server information, for example the IP address of the VPN Server you want to make a connection to.

VPN Username: Enter the username of the VPN connection you want to connect to.

VPN Password: Enter the password of the VPN connection you want to connect to.

Encryption scheme: Select the Encryption type or select none from the pull-down menu.

After all information has been entered correct click on Add the service.



Home

Internet

Wireless

LAN

Advanced

Logout

Advanced setup

System Info

VPN Server

VPN Client >

MESH Status

Select the plug-in

Client

Flow

Firewall

Time

WPS

IPTV

MESH

MESH

Language

Parental Control

System management

Admin passwd

Reboot

Reset

Firmware

IP Address	p_t_p	Mask
192.168.6.129	192.168.6.1	255.255.255.255

### List of VPN services

All fields are required

Name

Example

Select Protocol

PPTP

Server

192.168.10.1

VPN Username

Exampleuser

VPN Password

\*\*\*\*\*

Encryption

none

Add the service

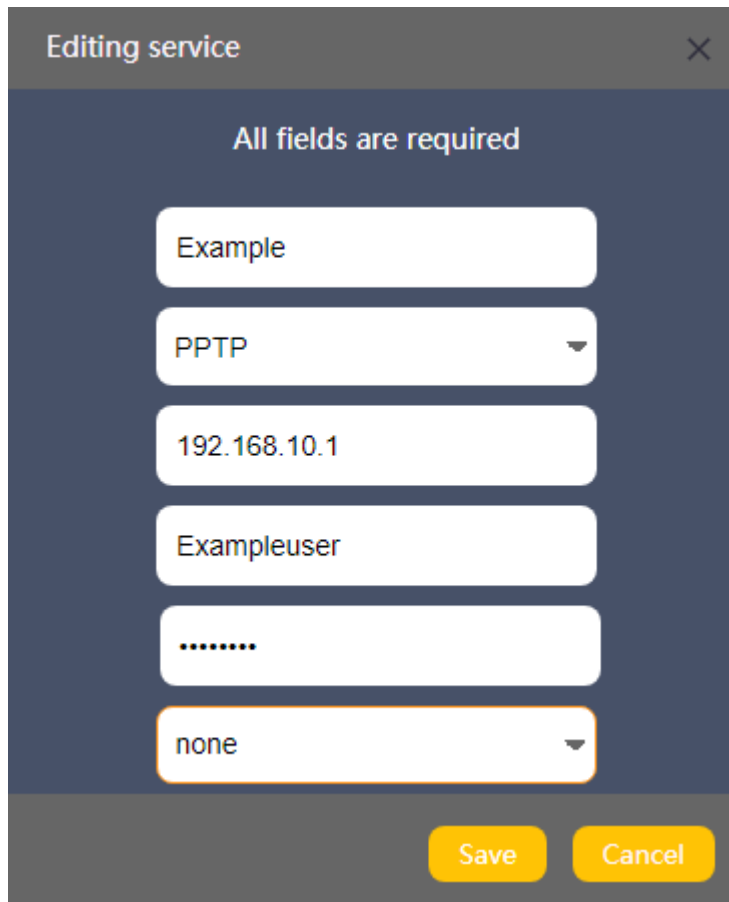
Name	Protocol	Server address	Username name	State	Operation
Example	PPTP	192.168.10.1	Exampleuser	Enabled (connected)	<div>Connection</div> <div>Editor</div> <div>Delete</div>

After the VPN has been added, it will be shown in the list.

To start the connection, click on Connection. When the State of the connection shows Enabled (Connected) your VPN connection can be used. At the top of the screen the VPN IP address will be shown. When the connection shows Enabled (not connected) it could be that the VPN Server is down, or the wrong information was entered.

Name	Protocol	Server address	Username name	State	Operation
Example	PPTP	192.168.10.1	Exampleuser	Enabled (connected)	<div>Connection</div> <div>Editor</div> <div>Delete</div>

To edit the made connection, click on Editor, a new window will pop-up and you can edit your current VPN connection. To delete the connection, click on Delete.



The image shows a dialog box titled "Editing service" with a close button (X) in the top right corner. The background is dark blue. At the top, it says "All fields are required". Below this, there are six input fields arranged vertically:

- A text input field containing "Example".
- A dropdown menu showing "PPTP" with a downward arrow.
- A text input field containing "192.168.10.1".
- A text input field containing "Exampleuser".
- A password input field with seven dots.
- A dropdown menu showing "none" with a downward arrow.

At the bottom right, there are two yellow buttons: "Save" and "Cancel".

LT2P:

First enter the name of your VPN connection, you can make you own name.

Select Protocol: LT2P

Server: Enter the VPN Server information, for example the IP address of the VPN Server you want to make a connection to.

VPN Username: Enter the username of the VPN connection you want to connect to.

VPN Password: Enter the password of the VPN connection you want to connect to.

After all information has been entered correct click on Add the service.

The screenshot shows the 'airlive' Advanced setup interface. The top navigation bar includes Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar contains 'Advanced setup' with links to System Info, VPN Server, VPN Client (selected), and MESH Status. Below this is 'Select the plug-in' with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control. The bottom section is 'System management' with icons for Admin passwd, Reboot, Reset, and Firmware.

The main content area is titled 'List of VPN services'. It features a form with the following fields:

- IP Address: p\_t\_p
- Mask: (empty)
- Name: Example
- Select Protocol: L2TP
- Server: 192.168.10.1
- VPN Username: Exampleuser
- VPN Password: (masked with asterisks)

Below the form is a yellow 'Add the service' button. At the bottom, there is a table showing the list of VPN services:

Name	Protocol	Server address	Username name	State	Operation
Example	L2TP	192.168.10.1	Exampleuser	not enabled	<a href="#">Connection</a> <a href="#">Editor</a> <a href="#">Delete</a>

After the VPN has been added, it will be shown in the list.

To start the connection, click on Connection. When the State of the connection shows Enabled (Connected) your VPN connection can be used. At the top of the screen the VPN IP address will be shown. When the connection shows Enabled (not connected) it could be that the VPN Server is down, or the wrong information was entered.

Name	Protocol	Server address	Username name	State	Operation
Example	L2TP	192.168.10.1	Exampleuser	not enabled	<div>Connection</div> <div>Editor</div> <div>Delete</div>

To edit the made connection, click on Editor, a new window will pop-up and you can edit your current VPN connection. To delete the connection, click on Delete.

Editing service

×

All fields are required

Example

L2TP

192.168.10.1

Exampleuser

.....

Save

Cancel

## MESH Status:

When the MESH function has been enabled the MESH status will show the device information. Also, the connection type of the MESH will be shown either via Wireless or Wired. When the MESH function is disabled, the Status will be blank.

The screenshot displays the AirLive web interface. The top navigation bar includes icons for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar contains a menu for 'Advanced setup' with options: System Info, VPN Server, VPN Client, MESH Status (selected), and DHCP Static IP. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH (selected), Language, and Parental Control. The bottom section is 'System management' with icons for Admin passwd, Reboot, Reset, and Firmware.

The main content area shows the 'Current mesh device' status in a table:

MAC Address	IP
00:4F:4B:B1:00:62	192.168.10.1

Below the table is the 'Mesh network topology diagram' showing a connection between two devices:

```
graph TD; A["mac:00:4F:4B:B1:00:62  
Mode:controller  
ip:192.168.10.1  
Client:  
48:5D:60:72:AB:85"] -- "Wireless 2.4g  
Wireless 5g" --> B["mac:00:4F:4B:B1:00:69  
Mode:agent  
ip:192.168.10.132  
Client:  
54:AB:3A:80:7E:FD"]
```

A yellow 'Refresh' button is located at the bottom of the topology diagram.

airlive

Home

Internet

Wireless

LAN

Advanced

Logout

Advanced setup

System Info

VPN Server

VPN Client

MESH Status >

DHCP Static IP

Select the plug-in

Client

Flow

Firewall

Time

WPS

IPTV

MESH

Language

Parental Control

System management

Admin passwd

Reboot

Reset

Firmware

Current mesh device

MAC Address	IP
00:4F:4B:B1:00:62	192.168.10.1

Mesh network topology diagram

mac:00:4F:4B:B1:00:62

Mode:controller

ip:192.168.10.1

Client:48:5D:60:72:AB:85

Wired

mac:00:4F:4B:B1:00:69

Mode:agent

ip:192.168.10.132

Client:54:AB:3A:80:7E:FD

Refresh

## DHCP Static IP:

Set DHCP static IP address, assign fixed IP address for your phone or connected device. Click on the slider bar behind the devices for which you want the function to be active. After modification, click "Save & Apply" button to save the setting.

airlive

Home

Internet

Wireless

LAN

Advanced

Logout

Advanced setup

VPN Client

MESH Status

DHCP Static IP >

MAC Clone

Wi-Fi Advanced

Select the plug-in

Client

Flow

Firewall

Time

WPS

IPTV

MESH

Language

Parental Control

DHCP Static IP

set DHCP static IP address,assign fixed IP address for your phone or connected device,after modification,click"Save & Apply" button to take effect.

DHCP Host List

Binding Static IP

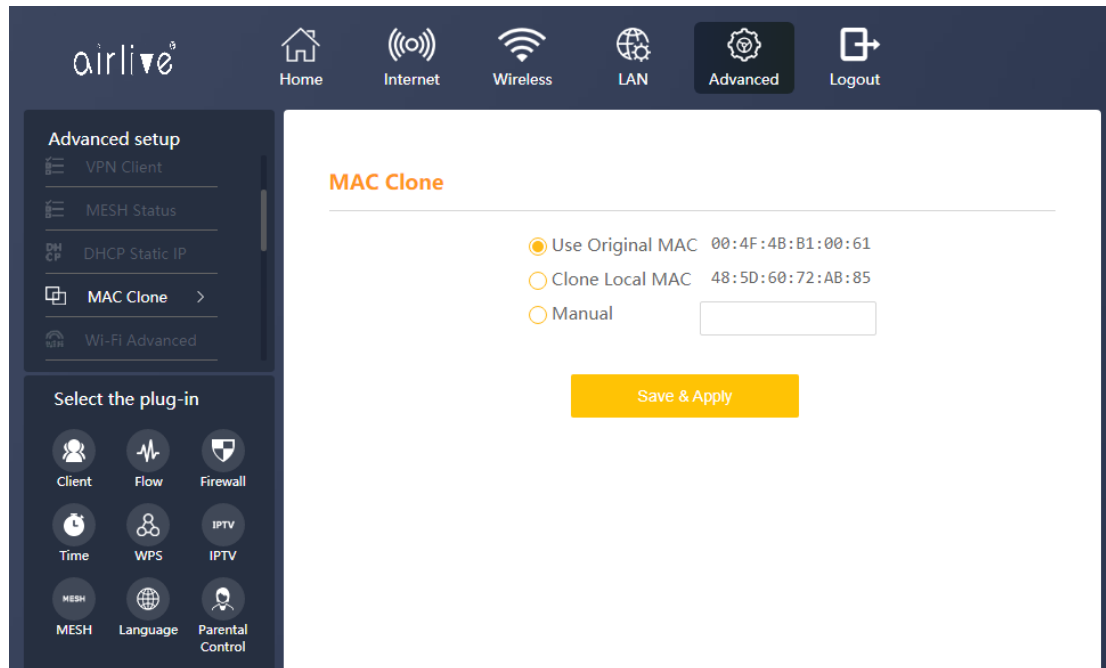
<div>MAC: 48:5D:60:72:AB:85</div> <div>IP: 192.168.10.137</div> <div>Timeout: 11:57:34</div>	<input type="checkbox"/>
<div>MAC: 00:4F:4B:B1:00:69</div> <div>IP: 192.168.10.132</div> <div>Timeout: 11:28:37</div>	<input checked="" type="checkbox"/>

Refresh

Save & Apply

### MAC Clone:

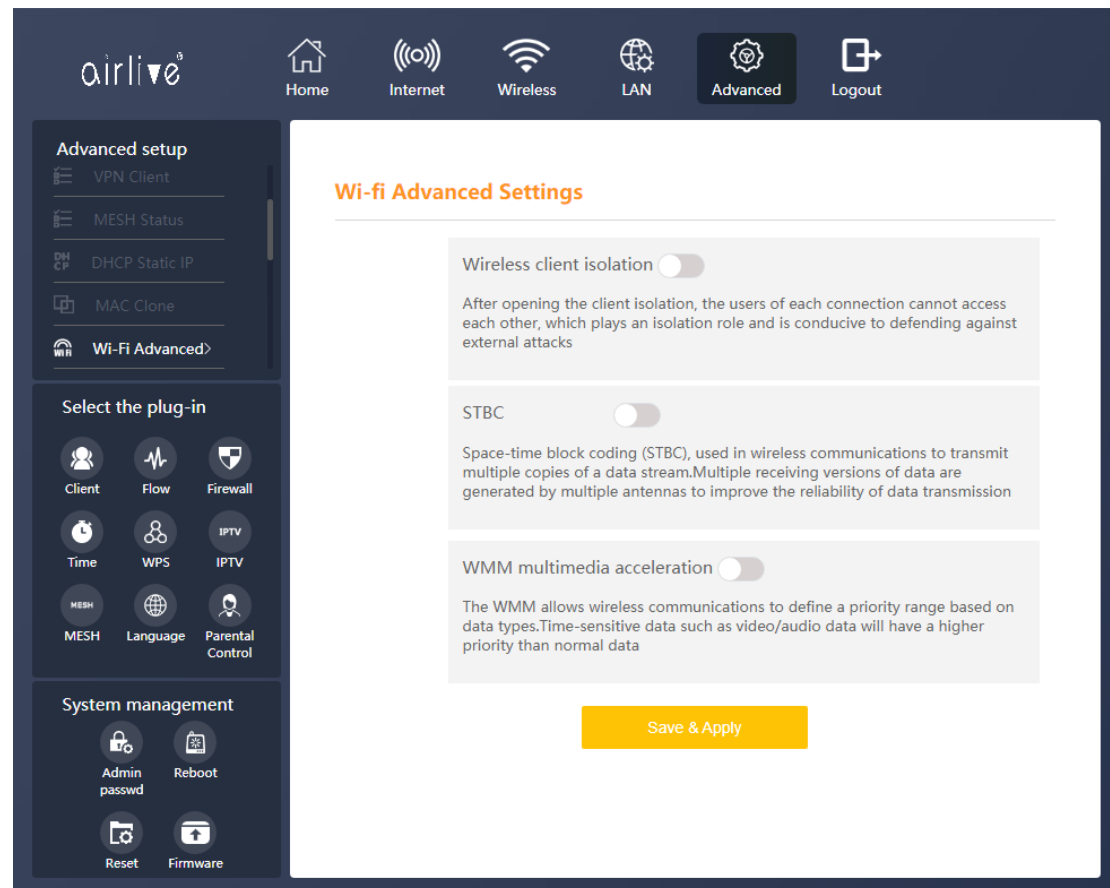
Some ISPs would require the MAC address from the computer to be cloned for the Internet connection to work. With MAC Clone you can clone your computers MAC address to the router or enter MAC address manually.



## Wi-Fi Advanced:

Wi-Fi Advanced Settings are settings used for the improvement of the wireless connection.

Wireless Client Isolation, STBC and WMM can be turned on.





## Data Statistics:

The Data Statistics page displays all the data which is send and received by the router. The WAN, LAN and both the 2.4GHz and 5Ghz transmission data is shown.

The screenshot shows the AirLive router's web interface. The top navigation bar includes Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar contains 'Advanced setup' (MAC Clone, Wi-Fi Advanced, Data statistics, DDNS, Firewall rule) and 'System management' (Admin passwd, Reboot, Reset, Firmware). The main content area displays four data statistics tables.

### LAN port transceiver data statistics

Receive				Send			
Bytes	Package	Error	Discard	Bytes	Package	Error	Discard
1411992	17066	0	0	6880734	18973	0	0

### WAN port transceiver data statistics

Receive				Send			
Bytes	Package	Error	Discard	Bytes	Package	Error	Discard
12096057	96574	0	21278	1073257	11216	0	0

### 2.4G Wi-Fi transceiver data statistics

Receive				Send			
Bytes	Package	Error	Discard	Bytes	Package	Error	Discard
1477753	16507	2232	0	6405500	21159	11	11

### 5G Wi-Fi transceiver data statistics

Receive				Send			
Bytes	Package	Error	Discard	Bytes	Package	Error	Discard
0	0	0	0	488767	6801	0	0

## DDNS:

DNS (DynamicDNS) allows users to map the static domain name to a dynamic IP address, to use this function you must have a username, password, and your static domain name from the DDNS service which you are using. This router supports: no-ip.com, easydns.com and several others. You can select the DDNS which are supported by the router from the pull-down menu.

The screenshot shows the AirLive router's web interface. The top navigation bar includes links for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. On the left, a sidebar menu lists 'Advanced setup' options: Wi-Fi Advanced, Data statistics, DDNS (selected), Firewall rule, and IUP. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control. The main content area is titled 'DDNS' and explains that it allows configuring a fixed domain name for dynamic IP hosts. It contains the following fields and information:

- DDNS provider:** A dropdown menu set to 'no-ip.com' with a link to [register domain name](#).
- account num:** A text input field containing 'your\_username'.
- password:** A text input field with masked characters '\*\*\*\*\*' and a toggle for visibility.
- Domain Info:** A text input field containing 'yourhost.example.com'.
- WAN IP:** Displays the IP address '192.168.0.124'.
- connection status:** Displays 'unconnected status' with a link to [\(manual update\)](#).
- Save & Apply:** A yellow button at the bottom of the configuration section.

## Firewall Rule:

For some applications to work correctly it is necessary to open a port or a port range on the router. This is possible with the Firewall Rule here a single port can be opened for an IP address or range of ports can be opened for an IP address.

The screenshot shows the 'Advanced setup' page of an AirLive router. The left sidebar contains navigation options: Data statistics, DDNS, Firewall rule (selected), and UPnP. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control. The main content area displays two tables of port forwarding rules.

**List of port forward rules**

Name	protocol	External Port	private ip	Internal port	operate
Example	TCP and UDP	1088	192.168.10.200	1088	Del

**Range forwarding rules list**

Name	protocol	start port	private ip	End port	operate
Example	TCP and UDP	2000	192.168.10.200	3000	Del

Buttons: Add Rule, Save & Apply

To add a port to an IP address, click on Add Rule for the function you would like to use.

This can be for a single port or for a range of ports.

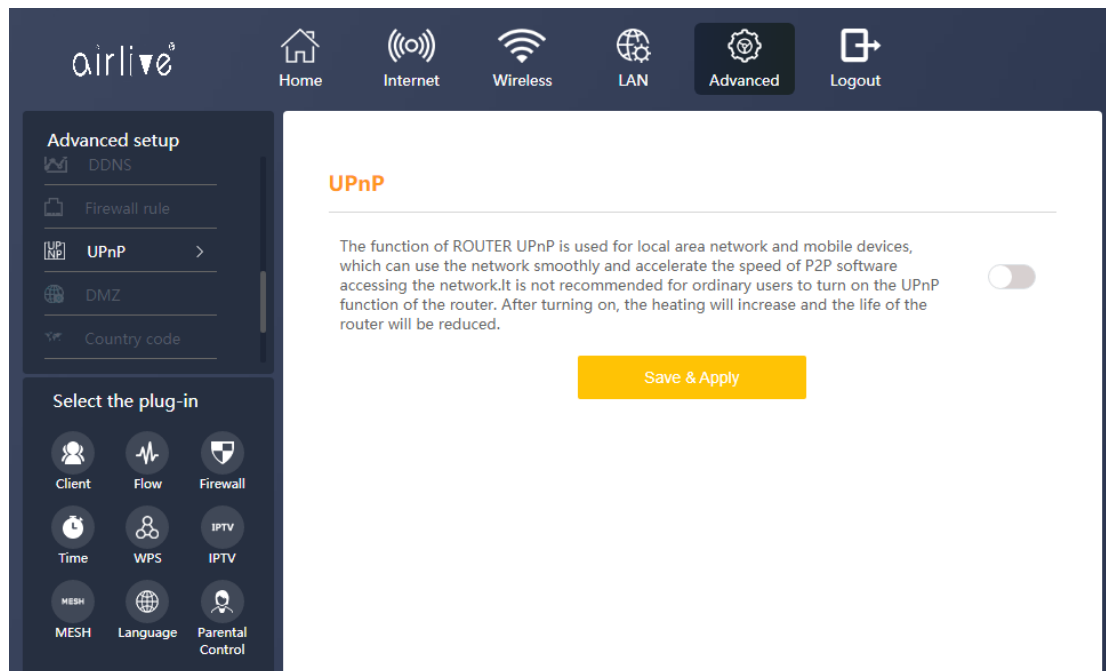
Single: Enter a Name or the rule you would like to make, Select TCP, UDP or TCP&UDP, now enter the External port, the IP address for which the rule will be made and then the Internal port. Click Add to add the rule after this click Save and Apply to activate the rule.

Range: Enter a Name or the rule you would like to make, Select TCP, UDP or TCP&UDP, now enter the Start port and End port of the port range you like to use, then enter the IP address for which the rule will be made. Click Add to add the rule after this click Save and Apply to activate the rule.

The left dialog box is titled 'New port forward rule' and contains the following fields: Name (Example), Protocol (TCP and UDP), External Port (1088), Private IP (192.168.10.200), and Internal Port (1088). The right dialog box is titled 'New range forward rules' and contains the following fields: Name (Example), Protocol (TCP and UDP), Start Port (2000), End Port (3000), and Private IP (192.168.10.200). Both dialog boxes have an 'Add' button and a 'close' or 'Cancel' button.

## UPnP:

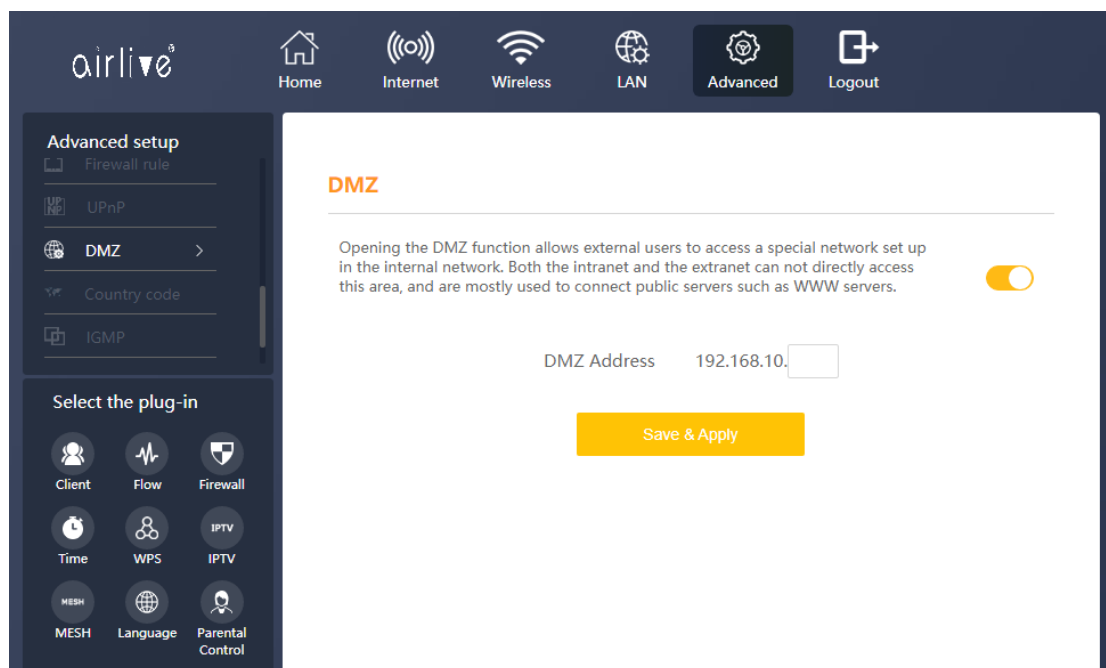
The Router UPnP function is used for the local area network and mobile devices, which can use the network smoothly and accelerate the speed of P2P software accessing the network. It is not recommended for ordinary users to turn on the UPnP function of the router. After turning on the UPnP, the temperature of the router will increase, and the life of the router will be reduced.



## DMZ:

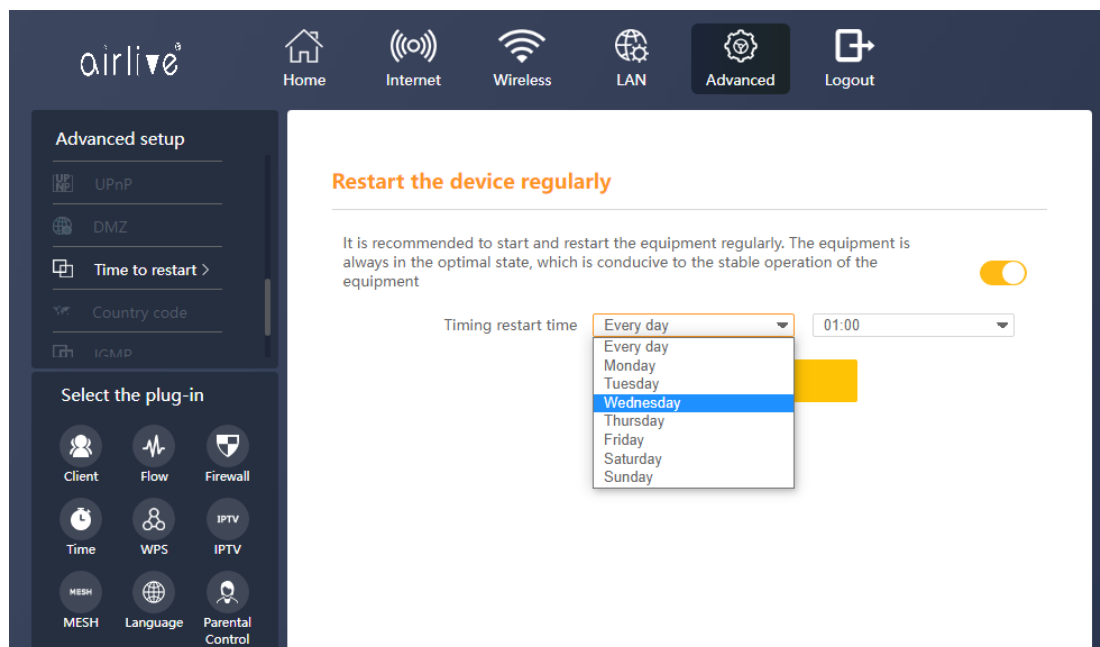
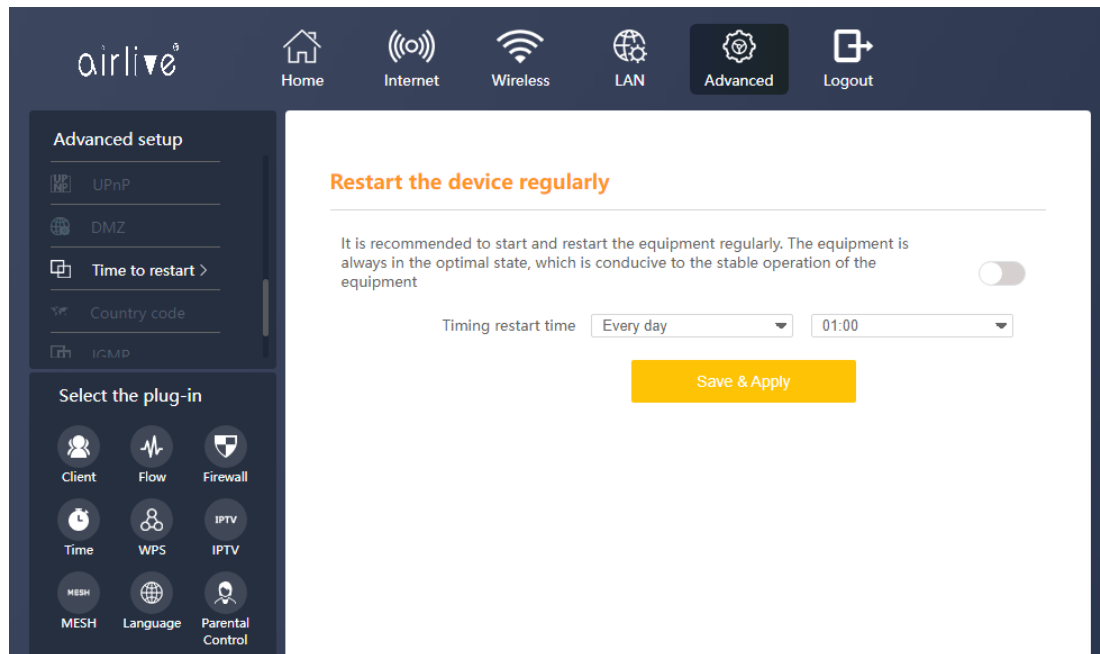
If you have a local device which cannot open an Internet application properly from behind the NAT firewall you can open the access by enabling the DMZ. Opening the DMZ function allows external users to access a special network set up in the internal network. Both the intranet and the extranet cannot directly access this area and are mostly used to connect public servers such as WWW servers.

To enable the DMZ click on the slider bar and enter the IP Address for which the DMZ should be used, and press Save & Apply.



### Time to restart:

Restart the device regularly, it is recommended to start and restart the equipment regularly. The equipment is always in the optimal state, which is conducive to the stable operation of the equipment. To enable the Time to restart click on the slider bar and select Every day or a single day and time from the pull-down menu and press Save & Apply.



### Country/Region Code:

Different countries use different wireless channels the channel number is dependent on your region. Please select the country code corresponding to your local area and region, so that the equipment can work better.

If the original channel is not within the range of the chosen country code channel, the Wi-Fi channel should be set.

The screenshot displays the AirLive web management interface. The top navigation bar includes icons for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. On the left, a sidebar menu lists 'Advanced setup' options: Firewall rule, UPnP, DMZ, Country code (selected), and IGMP. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control. The main content area is titled 'country/region code' and contains the following text: 'pls select the country code corresponding to the local area,so that the equipment can work better.' Below this text is a 'select code' label and a dropdown menu currently showing 'Europe(CE)'. A yellow callout box contains the text: 'Different country code channels are different. If the original channel is not within the range of the chosen country code channel, the wifi channel should be set.' At the bottom of the main area is a yellow 'Save & Apply' button.

## IGMP:

Internet Group Management Protocol (IGMP) is a communications protocol used by hosts and adjacent routers on IPv4 networks to establish multicast group memberships. IGMP is an integral part of IP multicast and allows the network to direct multicast transmissions only to hosts that have requested them. IGMP snooping is the process of listening to Internet Group Management Protocol (IGMP) network traffic to control delivery of IP multicasts.

You can select between the IGMP Set and the MLD Set by clicking on the circle. Click to enable or disable the function and click on Save & Apply.

The screenshot displays the 'airlive' router's 'Advanced setup' interface. The top navigation bar includes links for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. On the left, a sidebar lists various setup options: Firewall rule, UPnP, DMZ, Country code, and IGMP (selected). Below the sidebar, a 'Select the plug-in' section offers icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control.

The main content area is titled 'IGMP SNOOPING Setting' and is divided into two sections: 'IGMP Set' and 'MLD Set'. Each section contains radio buttons to 'Enable IGMP proxy' or 'Turn off IGMP proxy'. The 'IGMP Set' section also features a 'Forwarding entry aging time' input field set to '0' with a range of '1~65535'. Both sections conclude with a yellow 'Save & Apply' button.



## System Log:

The system logs the operation of the equipment and analyzes the cause of the failure when the equipment fails. To save the log file you can export it and save it as a txt file on your computer. Click Export log to save the log information.

The screenshot displays the AirLive web interface. The top navigation bar includes icons for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar contains a menu with 'Advanced setup' (including DMZ, Country code, IGMP, and System log) and 'System management' (including Admin password, Reboot, Reset, and Firmware). The main content area is titled 'System log' and contains a descriptive paragraph about the system's logging function. Below this is a scrollable log window with a 'System' tab selected, showing kernel and daemon messages. At the bottom right of the log window are 'Refresh' and 'Export log' buttons.

**System log**

The system logs the operation of the equipment and analyzes the cause of the failure when the equipment fails. Note: turn on power then save, which can save the logs to Flash in real time, but it will affect flash life. Default is recommended to turn off.

**System**

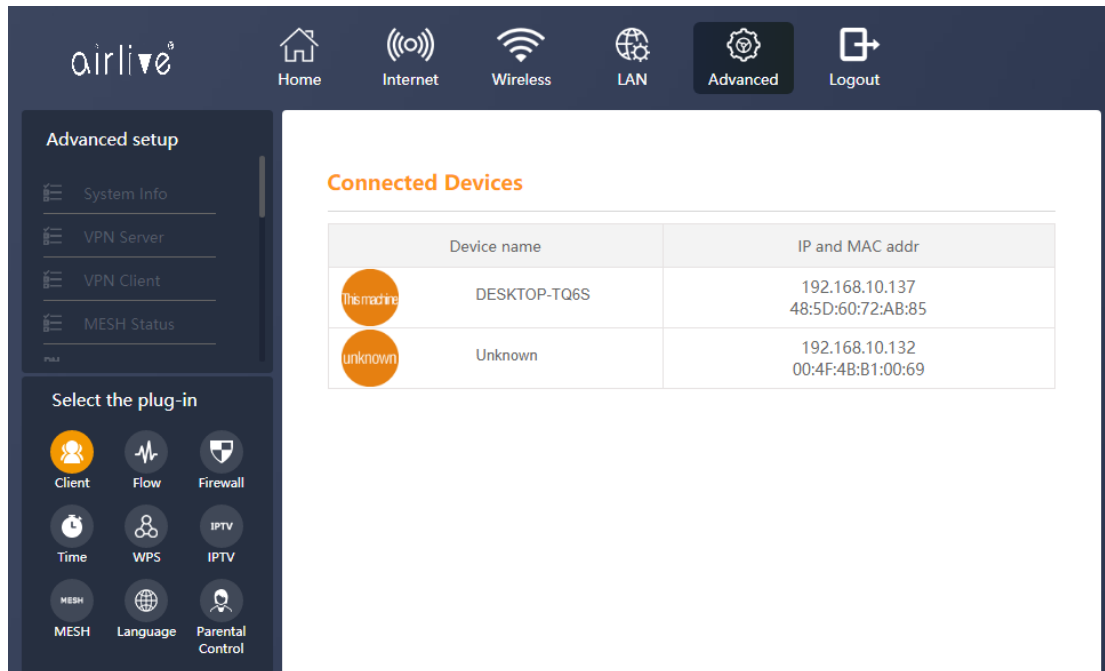
```
Tue May 25 14:46:56 2021 kern.info kernel: [ 365.174560] eth2: PHY Link up speed: 1000
Tue May 25 14:46:56 2021 kern.info kernel: [ 365.174634] br-lan: port 2(eth2) entered forwarding state
Tue May 25 14:46:56 2021 kern.info kernel: [ 365.174692] br-lan: port 2(eth2) entered forwarding state
Tue May 25 14:46:58 2021 kern.info kernel: [ 367.174078] br-lan: port 2(eth2) entered forwarding state
Tue May 25 14:47:07 2021 daemon.notice netifd: Network device 'eth2' link is down
Tue May 25 14:47:07 2021 kern.info kernel: [ 376.174211] eth2: PHY Link is down
Tue May 25 14:47:07 2021 kern.info kernel: [ 376.174642] br-lan: port 2(eth2) entered disabled state
Tue May 25 14:47:08 2021 daemon.notice netifd: Network device 'eth2' link is
```

[Refresh](#) [Export log](#)

## Advanced Select the Plug-in

### Client:

Client will display all devices which are connected to the router. The Device name, IP address and MAC address will be shown.



The screenshot shows the AirLive router's web interface. The top navigation bar includes Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar shows the 'Advanced setup' menu with options like System Info, VPN Server, VPN Client, MESH Status, and a 'Select the plug-in' section. In the 'Select the plug-in' section, the 'Client' plug-in is highlighted. The main content area is titled 'Connected Devices' and displays a table of connected devices.

Device name	IP and MAC addr
DESKTOP-TQ6S	192.168.10.137 48:5D:60:72:AB:85
Unknown	192.168.10.132 00:4F:4B:B1:00:69

**Flow:**

The Flow statistics displays all the current data transfers of the router in Download and Upload flow. The information is shown in real time.



## Firewall:

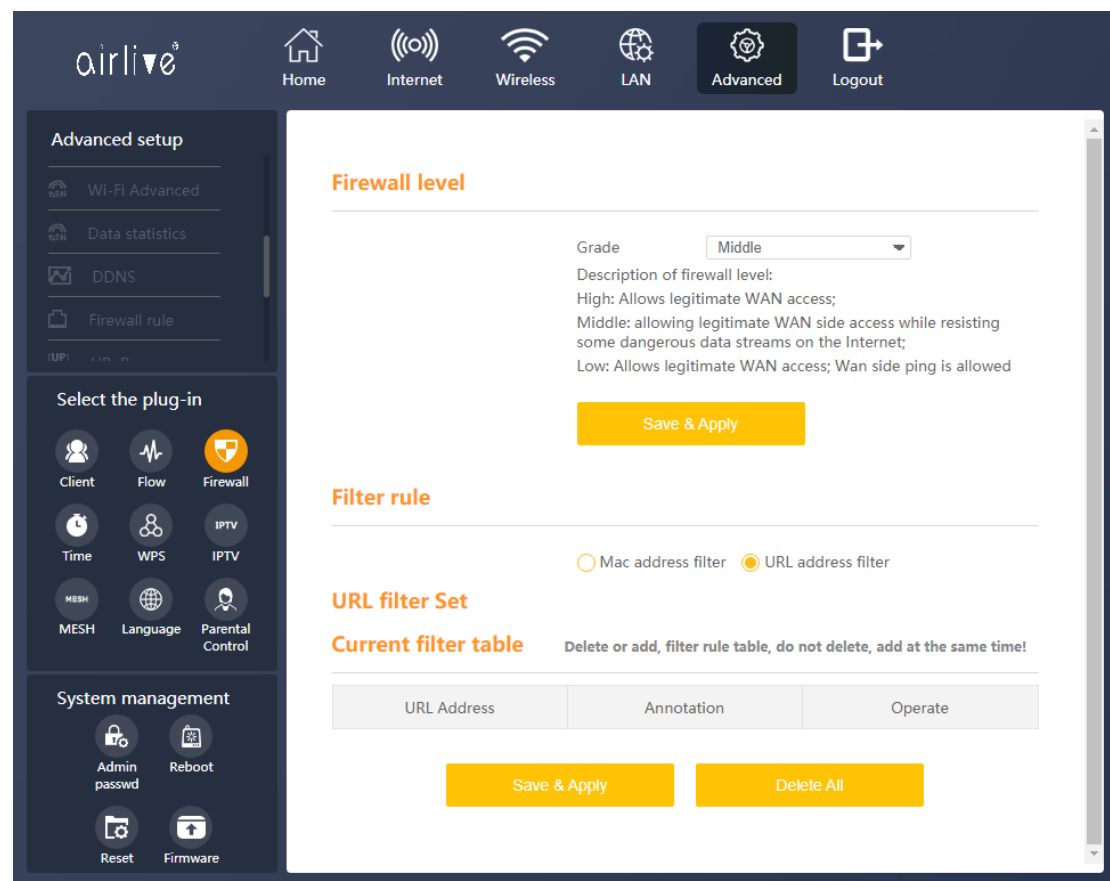
Description of the Firewall level, the higher the level the more secure your connection will be. But this can also limit your traffic, select the level depending on your use.

Select the level from the pull-down menu.

High: Allows legitimate WAN Access.

Middle: Allows legitimate WAN side access while resisting some dangerous data streams on the Internet.

Low: Allows legitimate WAN access; Wan side ping is allowed.



## Filter Rule

There are two kinds of rule the MAC address filter and the URL address filter.

The setup for both is the same. First select which filter you would like to use. MAC or URL. When MAC or URL filter is selected, you can turn the function on by clicking the slider bar under URL filter Set.

URL Filter blocks or Permits certain URLs from access. This can be done by adding them to either to Blacklist or Whitelist. Select Blacklist or Whitelist. (Addresses in the Blacklist cannot be accessed. Only addresses in the Whitelist can be accessed).

Add: the URL which you want to add to either the Blacklist or Whitelist in the URL Address field. A description can be written down under Annotation.

MAC Filter blocks or Permits certain MAC addresses from access. This can be done by adding them to either to Blacklist or Whitelist. Select Blacklist or Whitelist. Addresses in the Blacklist are blocked devices and addresses in the Whitelist are not block devices.).

Add: the MAC address which you want to add to either the Blacklist or Whitelist in the MAC Address field. When writing the MAC address please included the colon ":". A description can be written down under Annotation.

### URL filter Set

Turn on URL filter ☒

Backwhite

URL Addr

Annotation

#### Current filter table

Delete or add, filter rule table, do not delete, add at the same time!

URL Addr	Annotation	operate
www.example.com	example	<input type="button" value="Del"/>

Save & Apply

Del All

### MAC filter Set

Turn on MAC filter ☒

Backwhite

MAC Address  (Format:XX:XX:XX:XX:XX:XX)

Annotation

#### Current filter table

Delete or add, filter rule table, do not delete, add at the same time!

MAC Address	Annotation	operate
00:01:02:03:04:05	Example	<input type="button" value="Del"/>

Save & Apply

Del All

### Time:

The time settings can be setup in the menu, from the pull-down menu under Time Zone please select your current location and click Save & Apply. When needed a NTP server can also been selected. First checkmark the NTP Server option and then from the pull-down menu select one of the NTP Servers, click Save & Apply to activate the settings.

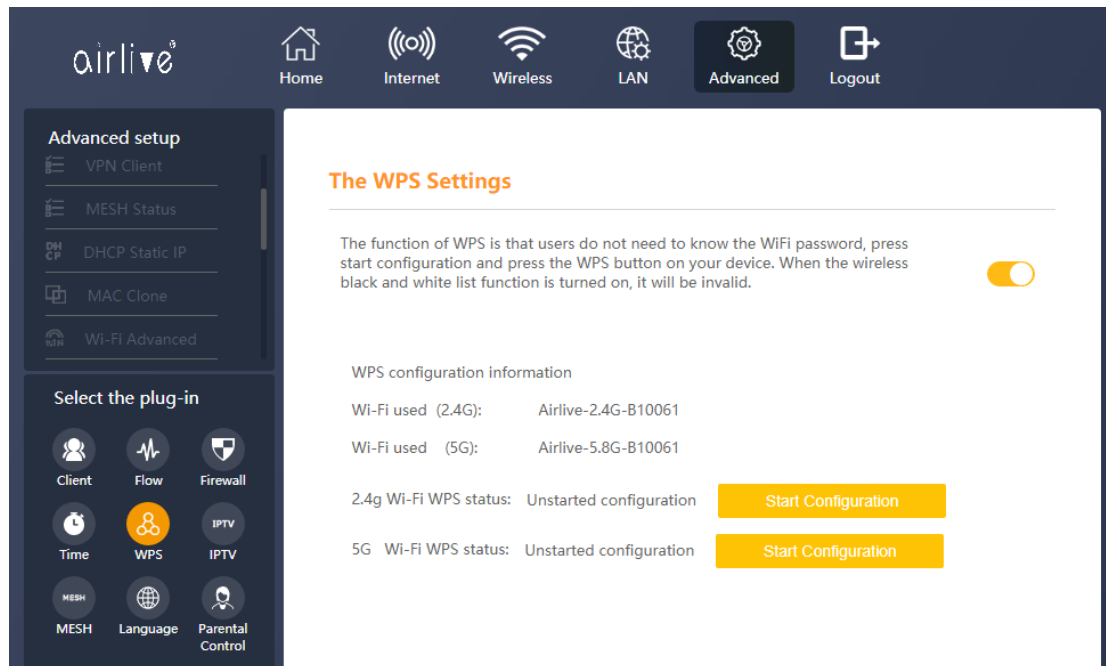
### Time Setting

---

Local Time:	2021-04-19 17:40:22	
Host Name:	<input type="text" value="OpenWrt"/>	
Time Zone:	<input type="text" value="Asia/Beijing"/>	
NTP Client:	<input checked="" type="checkbox"/>	
NTP Server:	<input type="radio"/>	
NTP Server List:	<input type="text" value="1.openwrt.pool.ntp.org"/>	
	<input type="text" value="1.openwrt.pool.ntp.org"/>	Manual Setting
<input type="button" value="Save &amp; Apply"/>		

## WPS:

The function of WPS is so that the user does not need to know the WIFI password. When the WPS function is turned on by clicking the slider bar. Click on Start Configuration for either the 2.4Ghz or 5Ghz Wi-Fi WPS. After this also click on the WPS button of your other Wi-Fi device which you want to connect to the router. Note that the wireless blacklist and whitelist functions fail when turned on.



## IPTV:

The IPTV can be used when an IPTV set is connected. When this function is turned on it would benefit the IPTV. Select the LAN port to which the IPTV is connected.

The screenshot displays the AirLive web interface. At the top, there is a navigation bar with icons for Home, Internet, Wireless, LAN, Advanced (selected), and Logout. On the left side, there is a sidebar menu under 'Advanced setup' with options: System Info, VPN Server, VPN Client, MESH Status, and a 'Plug-in' section. The 'Plug-in' section contains icons for Client, Flow, Firewall, Time, WPS, IPTV (highlighted in orange), MESH, Language, and Parental Control. The main content area is titled 'IPTV Set' and contains the following configuration options:

- Open IPTV: A dropdown menu set to 'Enable'.
- Pass-through: A dropdown menu set to 'Disable'.
- Set VLAN: A text input field containing '0', with a note '(Range:1 - 4095)'.
- Bind LAN Port: Three toggle switches for LAN3, LAN2, and LAN1, all of which are currently turned off.

At the bottom of the configuration area is a yellow button labeled 'Save & Apply'.



## MESH:

To use the MESH function and connect multiple routers together first Enable the MESH function. Select Enable from the pull-down menu. For MESH mode there are two options Controller and Agent. In a MESH network there is always only one Controller all other devices are Agents in the MESH. To change the MESH ID, click on the field, to see the ID click on the eyelash behind it.

The screenshot shows the 'Mesh Set' configuration page in the AirLive router's web interface. The top navigation bar includes 'Home', 'Internet', 'Wireless', 'LAN', 'Advanced' (selected), and 'Logout'. The left sidebar shows 'Advanced setup' with options for 'System Info', 'VPN Server', 'VPN Client', and 'MESH Status'. Below this is a 'Select the plug-in' section with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH (selected), Language, and Parental Control. The main content area is titled 'Mesh Set' and contains three settings: 'Mesh Switch' set to 'Enable', 'Mesh Mode' set to 'Controller', and 'MESH Id' with a text field 'Enter 8-bit Mesh ID' and a refresh icon. A yellow 'Save & Apply' button is at the bottom.

## Language:

To change the language of the router, select your language from the pull-down menu when available.

The screenshot shows the 'Language Setting' configuration page in the AirLive router's web interface. The top navigation bar is the same as the previous screenshot. The left sidebar is also the same. The main content area is titled 'Language Setting' and includes the instruction 'Set the display language of the system.' Below this is a 'Language' dropdown menu currently set to 'English'. A yellow 'Save & Apply' button is at the bottom.

## Parental Control:

Parental control can help you limit the time your children spend online. When setup, they cannot access the Internet during the set period of time and day when Internet access is prohibited. Note: Do not delete and add a rule at the same time!

MAC Address: This is the MAC address of the device for which you want to make the rule and prohibited the internet connection for a period of time and day.

Annotation: This is the name you can give to the rule.

Date: Select when the rule should be active, either every day or only a few days of the week.

Time: Set the start and end time of the rule.

Click Save and Apply to save the settings.

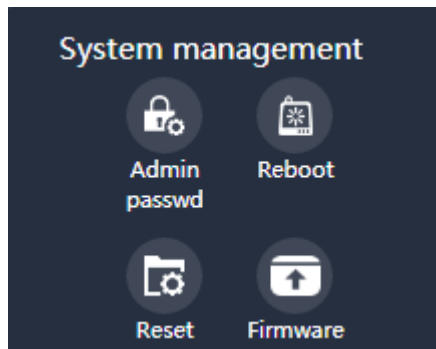
The screenshot shows the AirLive web interface. The top navigation bar includes Home, Internet, Wireless, LAN, Advanced (selected), and Logout. The left sidebar has 'Advanced setup' with links to System Info, VPN Server, VPN Client, and MESH Status. Below this is 'Select the plug-in' with icons for Client, Flow, Firewall, Time, WPS, IPTV, MESH, Language, and Parental Control (selected). The bottom section is 'System management' with icons for Admin passwd, Reboot, Reset, and Firmware.

The main content area is titled 'New Add Control'. It contains a text box for 'MAC Address' (00:11:22:33:44:55) with a format hint '(Format:XX:XX:XX:XX:XX:XX)'. Below it is an 'Annotation' text box and an 'Exclude: "\$%")(' checkbox. The 'Date' section has a grid of days with toggle switches: Every Day (off), Monday (on), Tuesday (off), Wednesday (off), Thursday (on), Friday (off), Saturday (on), and Sunday (off). The 'Time' section has input fields for start and end times (20:00 - 22:45) with a format hint '(XX:XX - XX:XX)'. Below the form is a 'Delete Control' section with a note: 'After clicking the 'Delete' button, Please save and apply.'.

MAC Address	Annotation	Limit Internet Time	operate
00:11:22:33:44:55	Example	Monday,Thursday,Saturday, 20:00--22:45	<button>Delete</button>

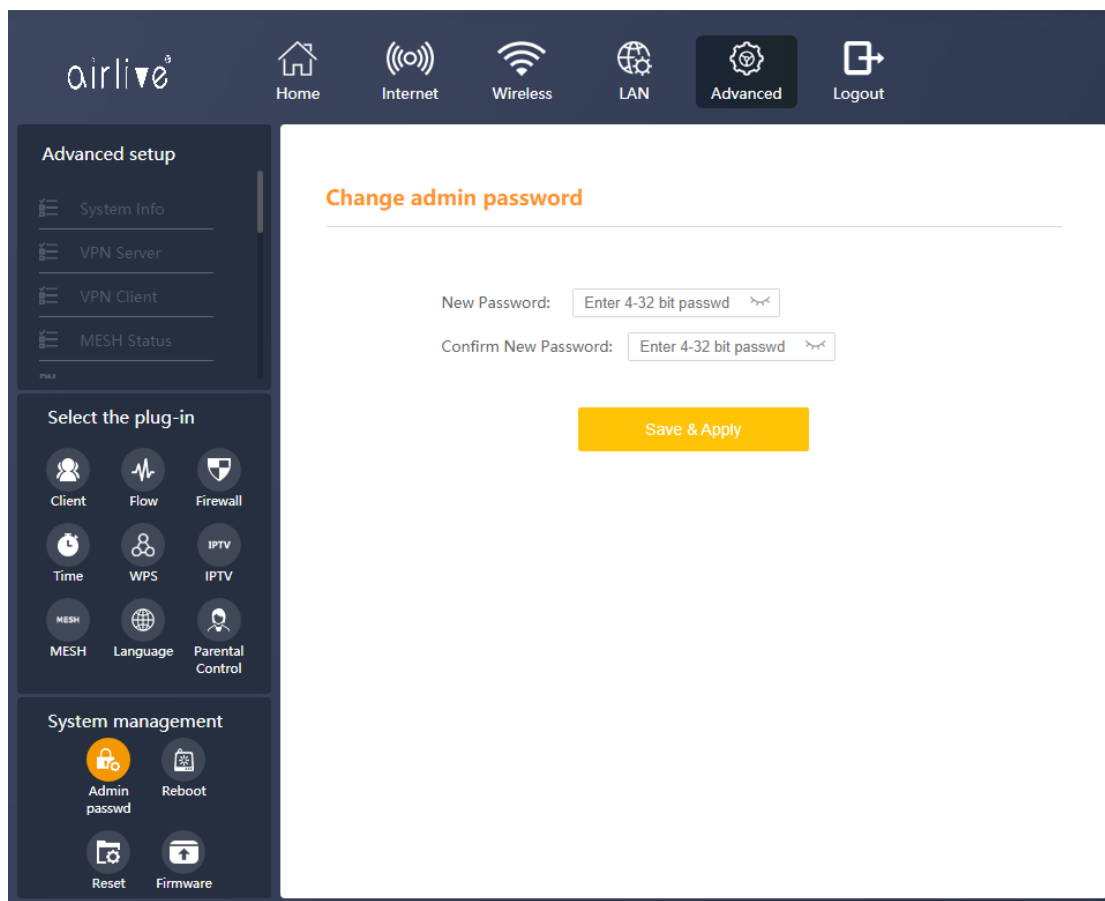
At the bottom of the form is a yellow 'Save & Apply' button.

## Advanced System Management



### Admin Password

To Change the Admin Password of the router, please enter a New password and Confirm it. After Save & Apply the new password can be used to login to the router.



**Reboot:**

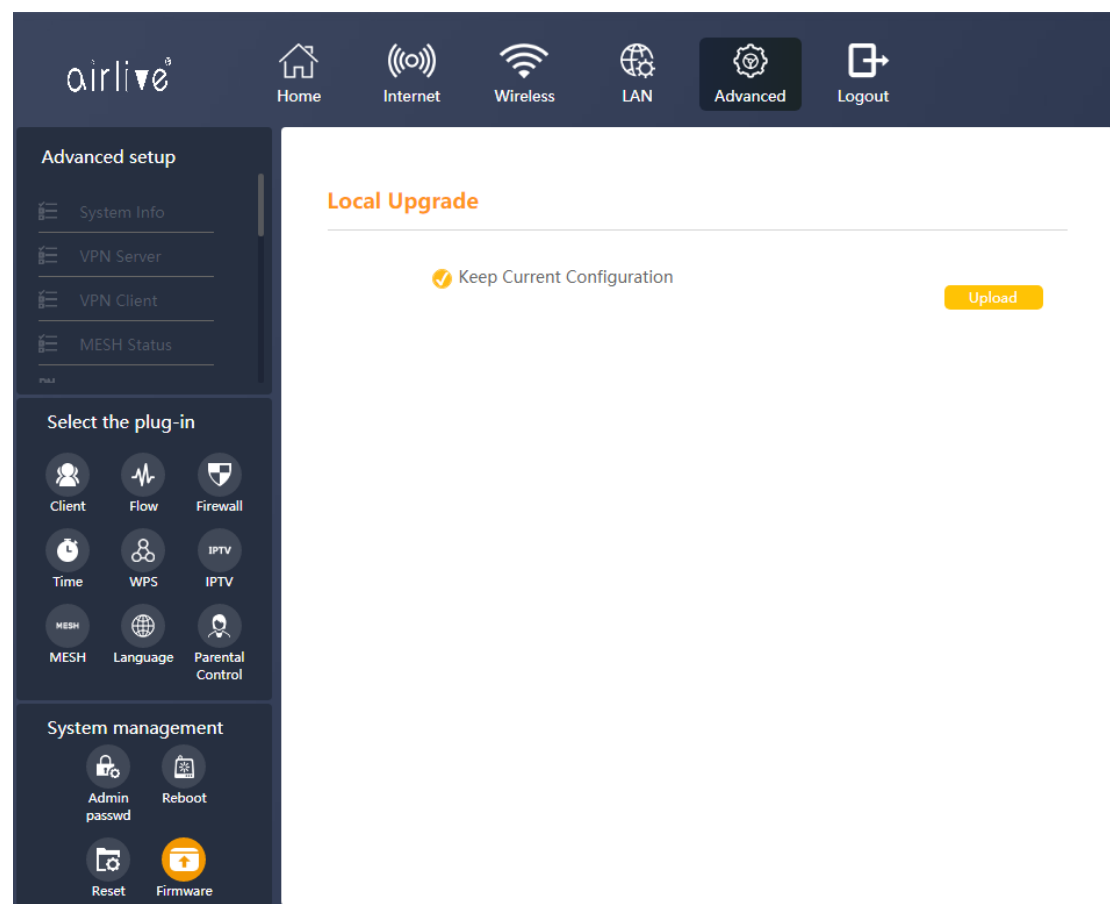
Reboot the router by pressing the Reboot button, this will restart the router.

**Reset:**

To reset the router back to factory default settings. Press the reset button and confirm. Note all settings will be set back to default.

**Firmware:**

Update the firmware in the router only when you have a problem. To update the router, you can select to keep or not to keep your current configuration, by removing the checkmark from “keep current configuration”, the current configuration will be lost. When you like to keep your current configuration after the firmware update is done, do not remove the checkmark. Now click Upload. Now select the update file and click ok. The router will now be updated.



# FAQ

Q1 How to reset the device?

Answer: When the router is powered on, pushing the “Reset” button with a needle. The LEDs starts to flash and hold for 10 more seconds. Then release it and the Router will reboot. Wait for about 2 minutes, then the factory default reset is completed.

Q2 If pairing a new Sub Router fails (Mesh LED flashes for 2 minutes before stopping), what should I do?

Answer: Place the new Sub Router near the Main Router. press the WPS button respectively again and wait patiently.

Q3 Why wired Mesh networking fails?

Answer: Please check the connection between a LAN port of the Main Router and a LAN port of the Sub Router via a network cable.

Q4 If I want to switch the Mesh connection back to wireless after successful wired networking, what should I do?

Answer: Disconnect the wired connection between the Sub Router and the Main Router, power off and restart the Sub Router. When the Wi-Fi LED is ON, press the MESH buttons of the Sub Router and Main Router to pair. Pairing is successful when both the MESH LEDs of the Main Router and Sub Router are ON.

Q5 Mobile phones and other devices can connect to the router but cannot access the Internet. What should I do?

Answer:

01. Check whether the WAN LED is normal. The WAN port of the Main Router must be connected to your Broadband Gateway (i.e., DSL/Cable modem, PON gateway) with a network cable.

02. Check whether the Internet LED is normal. Make sure the broadband service is normal and please contract service provider to check.

03. When all above are normal, try reboot the Router check the network once it powers on.