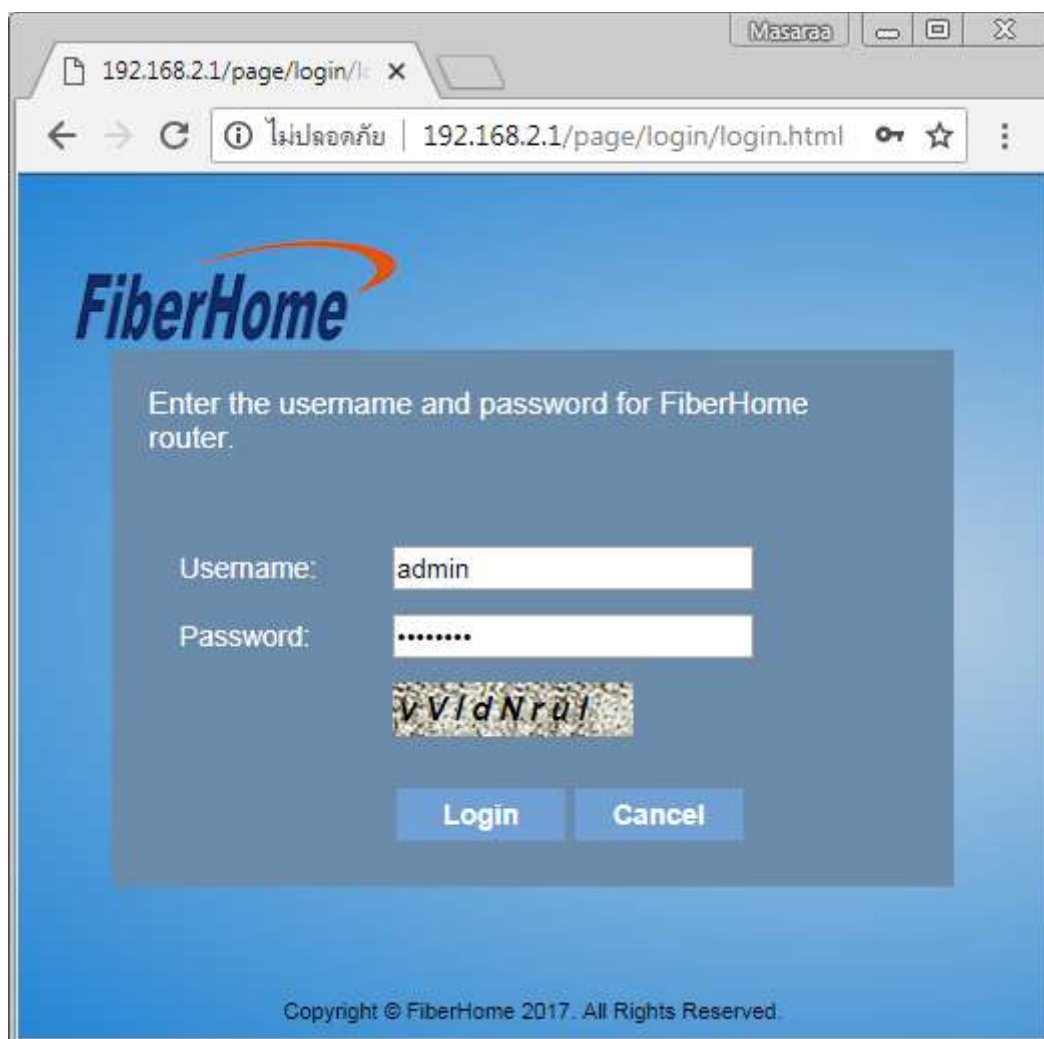


## Set up Wireless on AP FiberHome HG180Ev2

1. Type 192.168.2.1 in URL and enter Username : **admin** / Password : **enter letters from below picture** and press **Login**



If enter wrong password 3 times, there'll be a message to wait for 1 minute then re-enter password and Login. If don't want to wait, turn off/ tun on AP and then re-Login

Enter the username and password for FiberHome router.

Sorry, you have tried more than 3 times, please try again after one minute.

Username:

Password:

*VVIdNrül*

## 2. Basic Setup: go to Basic Setup > WLAN

### 2.1. Basic Configuration 2.4GHz

- Enable WLAN : tick a check to enable
- Enable SSID : tick a check to enable only SSID1 (choose to enable-disable SSID1-4 Firmware not other SSID)
- Hide SSID : not set but if want to hide SSID, tick a check
- SSID : enter preferred name
- Press Apply

**FiberHome** Logout

## HG180Ev2 Dual Band 802.11ac WiFi Router

Home

- ▶ Status
- ▼ Basic Setup
  - WAN Service
  - ▶ LAN
  - ▼ WLAN
    - Basic Configuration 2.4GHz**
    - Basic Configuration 5GHz
    - Security Setting 2.4GHz
    - Security Setting 5GHz
- ▶ Advanced Setup
- ▶ Applications
- ▶ Management

### WLAN Basic Configuration 2.4GHz

Enable WLAN:  **1**

Choose SSID:  ▼

Enable SSID:  **2**

Enable Isolation:

Hide SSID:  **3**

SSID:  **4**

BSSID: 74:12:BB:DD:A3:CC

Country:  ▼

**5**

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## 2.2. Basic Configuration 5GHz

- Enable WLAN : tick a check to enable
- Enable SSID : tick a check to enable only SSID1 (choose to enable-disable SSID1-4 Firmware not other SSID)
- Hide SSID : not set but if want to hide SSID, tick a check
- SSID : enter preferred name
- Press Apply

The screenshot shows the web interface of a FiberHome HG180Ev2 Dual Band 802.11ac WiFi Router. The page title is "WLAN Basic Configuration 5GHz". The left sidebar contains a navigation menu with the following items: Home, Status, Basic Setup (selected), WAN Service, LAN, WLAN (expanded), Basic Configuration 2.4GHz, Basic Configuration 5GHz (highlighted), Security Setting 2.4GHz, Security Setting 5GHz, Advanced Setup, Applications, and Management. The main content area contains the following configuration options:

Enable WLAN:	<input checked="" type="checkbox"/> 1
Choose SSID:	SSID5 ▾
Enable SSID:	<input checked="" type="checkbox"/> 2
Enable Isolation:	<input type="checkbox"/>
Hide SSID:	<input type="checkbox"/> 3
SSID:	true_home5G_3C4 4
BSSID:	74:12:BB:DD:A3:CD
Country:	UNITED STATES ▾

At the bottom of the configuration area, there are two buttons: "5 Apply" and "Refresh". The footer of the page reads "Copyright © FiberHome 2017. All Rights Reserved."

### 2.3. Security Setting 2.4GHz

- Authentication : default setting is WPA-PSK/WPA2-PSK MIXED that can be changed
- WPA Preshare key : contain 8-32 characters
- Encryption Mode : choose encryption type
- Click here to display
- Press Apply to save the settings

The screenshot shows the 'WLAN Security Setting 2.4GHz' configuration page. The 'Authentication' dropdown is set to 'WPA-PSK/WPA2-PSK MIXED'. A red box highlights the dropdown menu options: 'None', 'WEP', 'WPA-PSK', 'WPA2-PSK', and 'WPA-PSK/WPA2-PSK MIXED'. A red arrow points from the 'Click here to display' link to the 'WPA Preshare key' field. A browser window shows the WPA Preshare Key as '6Tr22prc'.

#### 2.3.1. Choose None when don't want to enter Wireless password then press Apply

The screenshot shows the 'WLAN Security Setting 2.4GHz' configuration page with the 'Authentication' dropdown set to 'None'. The 'Apply' and 'Refresh' buttons are visible at the bottom of the form.

### 2.3.2. WEP:

- Encryption Length: 64bits, Key : contain 5 or 10 characters (a-f, A-F , 0-9)
- Encryption Length: 128bits, Key : contain 13 or 26 characters (a-f, A-F , 0-9)
- Key index : choose Key 1-4 , use Key that you choose
- Key 1-4 : set the backup password
- press Apply to save the settings

The screenshot shows the web interface for the FiberHome HG180Ev2 Dual Band 802.11ac WiFi Router. The page title is "WLAN Security Setting 2.4GHz". The interface includes a sidebar menu with options like Home, Status, Basic Setup, WAN Service, LAN, WLAN, Advanced Setup, Applications, and Management. The main content area contains the following configuration fields:

- Choose SSID:
- Authentication:
- Encryption Mode:  (A red arrow points from this field to a dropdown menu on the right with options: Open, Share, Both)
- Encryption Length:  (A red arrow points from this field to a dropdown menu on the right with options: 64 bits(10 hex digits), 128 bits(26 hex digits))
- Key Index:
- Key1:
- Key2:
- Key3:
- Key4:

Below the fields, there is a note: "For 64-bit keys, Please input 5 ASCII characters or 10 hexadecimal digits. For 128-bit keys, Please input 13 ASCII characters or 26 hexadecimal digits." At the bottom of the configuration area, there are "Apply" and "Refresh" buttons. The footer of the page reads "Copyright © FiberHome 2017. All Rights Reserved."

## 2.4. Security Setting 5GHz

- Authentication : default setting is WPA-PSK/WPA2-PSK MIXED that can be changed
- WPA Preshare key : contain 8-32 characters
- Encryption Mode : choose encryption type
- Click here to display
- Press Apply to save the settings

### 2.4.1. Choose None when don't want to enter Wireless password then press Apply

## 2.4.2. WEP :

- Encryption Length: 64bits, Key : contain 5 or 10 characters (a-f, A-F , 0-9)
- Encryption Length: 128bits, Key : contain 13 or 26 characters (a-f, A-F , 0-9)
- Key index : choose Key 1-4, use Key that you choose
- Key 1-4 : set the backup password
- press Apply to save the settings

**FiberHome** **HG180Ev2** Dual Band 802.11ac WiFi Router Logout

Home

- ▶ Status
- ▼ Basic Setup
  - WAN Service
  - ▶ LAN
  - ▼ WLAN
    - Basic Configuration 2.4GHz
    - Basic Configuration 5GHz
    - Security Setting 2.4GHz
    - Security Setting 5GHz**
- ▶ Advanced Setup
- ▶ Applications
- ▶ Management

### WLAN Security Setting 5GHz z

Choose SSID:

Authentication:

Encryption Mode:  Open  
Share  
Both

Encryption Length:  64 bits(10 hex digits)  
128 bits(26 hex digits)

Key Index:

Key1:

Key2:

Key3:

Key4:

For 64-bit keys, Please input 5 ASCII characters or 10 hexadecimal digits.  
For 128-bit keys, Please input 13 ASCII characters or 26 hexadecimal digits.

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### 3. **Advanced Setup** : go to **Advanced Setup > WLAN**

#### 3.1. Advanced Configuration 2.4GHz

- Mode : choose mode per compatible device (default is 802.11b/g/n)
- Bandwidth : default is 20, if choose 40, connected device should support 802.11n (must choose Mode with n to be usable)
- Channel : choose preferred CH (default is Auto)
- press Apply to save the settings



### 3.2. Advanced Configuration 5GHz

- Mode : choose mode per compatible device (default is 802.11b/g/n)
- Bandwidth : choose Bandwidth to use (default is Auto)
- Channel : choose preferred CH (default is Auto)
- press Apply to save the settings

**FiberHome** HG180Ev2 Dual Band 802.11ac WiFi Router

Logout

Home

- ▶ Status
- ▶ Basic Setup
- ▶ **Advanced Setup**
  - ▶ WAN
  - ▶ LAN
  - ▶ WLAN
    - Advanced Configuration 2.4GHz
    - Advanced Configuration 5GHz**
    - WPS Configuration 2.4GHz
    - WPS Configuration 5GHz
    - WDS Settings 2.4GHz
    - WDS Settings 5GHz
  - ▶ NAT
  - ▶ Security
  - ▶ Parental Control
  - ▶ Routing
  - ▶ Quality of Service
  - ▶ IP Tunnel
- ▶ Applications
- ▶ Management

**WLAN Advanced Configuration 5GHz**

Mode: 802.11a/n/ac (Dropdown menu: 802.11a, 802.11n only, 802.11a/n/ac)

Bandwidth: Auto MHz (Dropdown menu: Auto, 80, 40, 20)

Rate: Auto

Transmit Power: Standard

DFS Setting: Without DFS

Channel: Auto (Dropdown menu: Auto, 36, 40, 44, 48, 149, 153, 157, 161, 165)

Beacon Interval: 100 [20-1024]

RTS Threshold: 2346 [1-2347]

Fragment Threshold: 2346 [256-2346]

Maximum Clients: 32 [1-32]

DTIM Interval: 1 [1-255]

Short GI:

WMM:

WMM APSD:

Apply Refresh

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### 3.3. WPS Configuration 2.4GHz (iOS is incompatible)

#### 3.3.1. Press Button

- Enable WPS : tick a check to enable (default is enable)
- Choose AP Role : Registrar is to press WPS button at AP
- Press WPS Button : PBC is identified as pressing WPS button at AP, afterward AP will wait for device connection for 2 seconds, WPS LED will flash and when successfully connected WPS LED will be off (Android, go to > Setting > WiFi > Advanced > WPS Push Button)
- Input PIN Number : enter PIN generated from Smart Phone or device and press PIN, those devices and AP are connected
- Negotiation Status : while AP is waiting device to connect, it'll show status **PROCESSING**, after successfully connected, its status is **OK**
- Press Apply
- Refresh : press to check Negotiation Status

**FiberHome** Logout

## HG180Ev2 Dual Band 802.11ac WiFi Router

- Home
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- ▼ **Advanced Setup**
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  - Advanced Configuration 5GHz
  - WPS Configuration 2.4GHz**
  - WPS Configuration 5GHz
  - WDS Settings 2.4GHz
  - WDS Settings 5GHz
- ▶ NAT
- ▶ Security
- ▶ Parental Control
- ▶ Routing
- ▶ Quality of Service
- ▶ IP Tunnel
- ▶ Applications
- ▶ Management

### WPS Settings 2.4GHz

Enable WPS:  **1**

Choose AP Role: Registrar **2**

Press WPS Button: PBC **3**

Input PIN Number:  PIN **4**

Negotiation Status: **5**

**6** Apply **7** Refresh

Negotiation Status: **PROCESSING**

Negotiation Status: **OK**

### VAP Information

WPS Status:	Configured
SSID:	true_home2G_3C4
Authentication Mode:	WPA-PSK/WPA2-PSK
Encryption Mode:	TKIP/AES

**Reset OOB**

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### 3.3.2. PIN

- Enable WPS : tick a check to enable (default is enable)
- Choose AP Role : if want to use PIN, choose Enrollee (default is Registrar)
- Current PIN : on connected device choose AP's network name and then enter the displayed PIN, if want to change PIN, press Generate New PIN
- Session Status : PIN input process, session status is PROCESSING
- After connected, session status is OK
- Press Apply
- Refresh : press to check Session Status

**FiberHome** **HG180Ev2** Dual Band 802.11ac WiFi Router Logout

Home  
 ▶ Status  
 ▶ Basic Setup  
 ▼ **Advanced Setup**  
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 ▶ LAN  
 ▼ WLAN  
 Advanced Configuration 2.4GHz  
 Advanced Configuration 5GHz  
**WPS Configuration 2.4GHz**  
 WPS Configuration 5GHz  
 WDS Settings 2.4GHZ  
 WDS Settings 5GHZ  
 ▶ NAT  
 ▶ Security  
 ▶ Parental Control  
 ▶ Routing  
 ▶ Quality of Service  
 ▶ IP Tunnel  
 ▶ Applications  
 ▶ Management

### WPS Settings 2.4GHz

Enable WPS:  **1**

Choose AP Role: Enrollee **2**

Current PIN: Generate New PIN 49000252 **3**

Session Status: **4**  
Session Status: PROCESSING  
Session Status: OK

**5** Apply Refresh **6**

### VAP Information

WPS Status:	Configured
SSID:	true_home2G_3C4
Authentication Mode:	WPA-PSK/WPA2-PSK
Encryption Mode:	TKIP/AES

Reset OOB

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### 3.4. WPS Configuration 5GHz (iOS is incompatible)

#### 3.4.1. Press Button

- Enable WPS : tick a check to enable (default is enable)
- Choose AP Role : Registrar is to press WPS button at AP
- Press WPS Button : PBC is identified as pressing WPS button at AP, afterward AP will wait for device connection for 2 seconds, WPS LED will flash and when successfully connected WPS LED will be off (Android, go to > Setting > WiFi > Advanced > WPS Push Button)
- Input PIN Number : enter PIN generated from Smart Phone or device and press PIN, those devices and AP are connected
- Negotiation Status : while AP is waiting device to connect, it'll show status **PROCESSING**, after successfully connected, its status is **OK**
- press Apply
- Refresh : press to check Negotiation Status

**FiberHome** Logout

## HG180Ev2 Dual Band 802.11ac WiFi Router

- Home
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- ▶ Basic Setup
- ▼ **Advanced Setup**
- ▶ WAN
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- ▼ WLAN
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  - Advanced Configuration 5GHz
  - WPS Configuration 2.4GHz**
  - WPS Configuration 5GHz
  - WDS Settings 2.4GHz
  - WDS Settings 5GHz
- ▶ NAT
- ▶ Security
- ▶ Parental Control
- ▶ Routing
- ▶ Quality of Service
- ▶ IP Tunnel
- ▶ Applications
- ▶ Management

### WPS Settings 5GHz

Enable WPS:  **1**

Choose AP Role: Registrar **2**

Press WPS Button: PBC **3**

Input PIN Number:  PIN **4**

Negotiation Status: **5**

**6** Apply Refresh **7**

Negotiation Status: **PROCESSING**

Negotiation Status: **OK**

### VAP Information

WPS Status:	Configured
SSID:	true_home5G_3C4
Authentication Mode:	WPA-PSK/WPA2-PSK
Encryption Mode:	TKIP/AES

**Reset OOB**

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### 3.4.2. PIN

- Enable WPS : tick a check to enable (default is enable)
- Choose AP Role : if want to use PIN, choose Enrollee (default is Registrar)
- Current PIN : on connected device choose AP's network name and then enter the displayed PIN, if want to change PIN, press Generate New PIN
- Session Status : PIN input process, session status is PROCESSING
- After connected, session status is OK
- Press Apply
- Refresh : press to check Session Status

**FiberHome** Logout

## HG180Ev2 Dual Band 802.11ac WiFi Router

- Home
- ▶ Status
- ▶ Basic Setup
- ▼ Advanced Setup
- ▶ WAN
- ▶ LAN
- ▼ WLAN
- Advanced Configuration 2.4GHz
- Advanced Configuration 5GHz
- WPS Configuration 2.4GHz
- WPS Configuration 5GHz
- WDS Settings 2.4GHZ
- WDS Settings 5GHZ
- ▶ NAT
- ▶ Security
- ▶ Parental Control
- ▶ Routing
- ▶ Quality of Service
- ▶ IP Tunnel
- ▶ Applications
- ▶ Management

### WPS Settings 5GHz

Enable WPS:  <sup>1</sup>

Choose AP Role: Enrollee ▼ <sup>2</sup>

Current PIN: Generate New PIN 49000252 <sup>3</sup>

Session Status: <sup>4</sup> Session Status: PROCESSING

<sup>5</sup> Apply Refresh <sup>6</sup> Session Status: OK

### VAP Information

WPS Status:	Configured
SSID:	true_home5G_3C4
Authentication Mode:	WPA-PSK/WPA2-PSK
Encryption Mode:	TKIP/AES

Reset OOB

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