

COMFAST

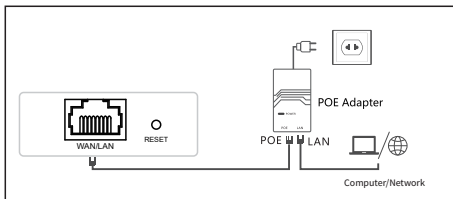
Outdoor AP

Quickinstallation Guide




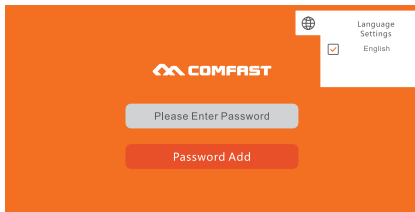
Outdoor AP
Version 1.0

1. Device connection diagram

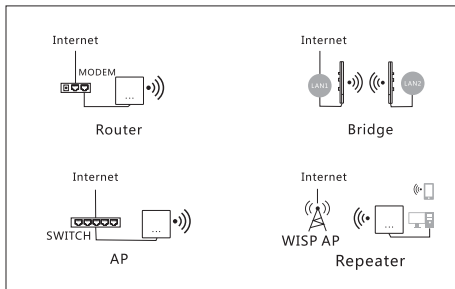


2. The device is factory-set to router mode by default. To access the settings page:

- (1) In the default configuration, power on the device and wait approximately 90 seconds for it to boot up;
 - (2) Connect to the device's wireless SSID (default: COMFAST-XXXX-2G/COMFAST-XXXX-2G, where XXXX represents the last four digits of the device's MAC address);
 - (3) Open your computer's web browser, enter 192.168.10.1 to access the device management page (default password: admin).
- The device supports both Chinese and English languages. You can change the language settings via the icon  in the top-right corner.



3. Enter the device wizard page. The "Configuration Wizard" page has four working modes: AP mode, bridge mode, routing mode (broadband Internet access, static address, dynamic acquisition), and relay mode.



4. Click AP Mode. For easier management, the IP address entered here should be within the IP subnet of the upstream router, and the IP address must not conflict with the IP address of the upstream router. After configuration, the LAN port of the POE power supply connected to the external network can access the management device via the configured IP address.

① Note: When accessing the external network in AP mode, the IP address subnet obtained by other mobile devices connecting to the AP's wireless network is assigned by the upper-level device.

② The AP itself requires an internal network IP address (do not set the same IP address as the upper-level router gateway). If you need to manage the device, the PC connected to this AP must manually set an IP address in the same subnet as the internal network IP address.

①

②

✓

Lan Settings

Wireless

Finish

Lan Settings

IP Address

192.168.10.1

Subnet Mask

255.255.255.0

Next

5. AP Mode: You can set the 2.4G/5.8G wireless SSID name and password, as well as advanced wireless parameters such as channel bandwidth, country, and channel. After configuration, connect the LAN port of the POE power supply to the external network; other mobile devices can connect to the internet by connecting to the device's SSID name and entering the password.

①

②

✓

Lan Settings

Wireless

Finish

2.4G Wireless

SSID

COMFAST-6162-2G

Password

Country

China

Bandwidth

40MHz

Channel

auto

5.8G Wireless

SSID

COMFAST-6162-5G

Password

Country

China

Bandwidth

40MHz

Channel

auto

Prev

Next

6. Bridge Mode: The AP device can be configured with an internal network IP address. Next, select the wireless SSID signal name you wish to bridge (distinguishing between 5.8GHz and 2.4GHz), and enter the password for the bridged wireless network.

① Note: In bridge mode, when accessing the external network, other mobile devices connecting to the AP's wireless network will obtain IP addresses from the upper-level network segment;

② By default, you do not need to set a specific internal network IP address for the device; however, if you need to manage the device, you must manually set the IP address of the computer's local network connection.

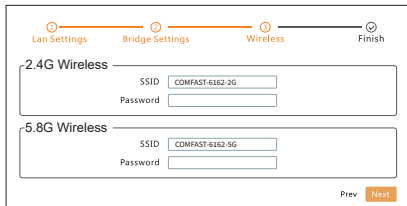
1) Set the internal network IP (this IP address can be used as the IP address for managing the device).

The screenshot shows a configuration interface with a progress bar at the top containing four steps: ① Lan Settings (highlighted in orange), ② Bridge Settings, ③ Wireless, and ④ Finish (marked with a checkmark). Below the progress bar, the 'Lan Settings' section is active. It contains two input fields: 'IP Address' with the value '192.168.10.1' and 'Subnet Mask' with the value '255.255.255.0'. A 'Next' button is located at the bottom right of the settings area.

2) Click Scan, search for and select the wireless SSID name you need to relay, and enter the password for the bridge wireless.

The screenshot shows the same configuration interface, but now the 'Bridge Settings' step (②) is highlighted in orange in the progress bar. The 'Bridge Settings' section is active and contains three input fields: 'Scan Band' with a dropdown menu set to '2.4G', 'SSID' with the value 'COMFAST-6576-2G', and 'Password' which is empty. A 'Scan' button is positioned to the right of the SSID field. At the bottom right, there are 'Prev' and 'Next' buttons.

3) Set the SSID name and password for the AP device itself at 2.4G/5.8G.



The image shows a wireless settings configuration screen. At the top, there is a progress bar with four steps: 1. Lan Settings, 2. Bridge Settings, 3. Wireless, and 4. Finish. The 'Wireless' step is currently selected. Below the progress bar, there are two sections: '2.4G Wireless' and '5.8G Wireless'. Each section has a label for 'SSID' and a text input field for 'Password'. The 'SSID' fields are pre-filled with 'COMFAST-6162-2G' and 'COMFAST-6162-5G' respectively. At the bottom right, there are 'Prev' and 'Next' buttons.

① Lan Settings ② Bridge Settings ③ Wireless ④ Finish

2.4G Wireless

SSID: COMFAST-6162-2G

Password:

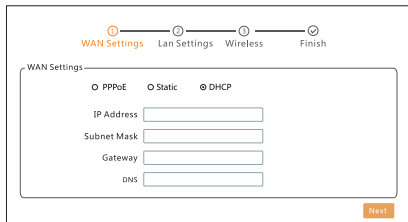
5.8G Wireless

SSID: COMFAST-6162-5G

Password:

Prev Next

7. Routing Mode: You can choose from three Internet access methods: "Broadband Internet Access", "Static Address", and "Dynamic Acquisition". (Refer to the standard router setup method.) Note: In Routing Mode, you must connect to Wi-Fi to access the management page if you need to manage the device.



The image shows a WAN Settings configuration screen. At the top, there is a progress bar with four steps: 1. WAN Settings, 2. Lan Settings, 3. Wireless, and 4. Finish. The 'WAN Settings' step is currently selected. Below the progress bar, there are three radio button options: 'PPPoE', 'Static', and 'DHCP'. The 'DHCP' option is selected. Below these options, there are four text input fields: 'IP Address', 'Subnet Mask', 'Gateway', and 'DNS'. At the bottom right, there is a 'Next' button.

① WAN Settings ② Lan Settings ③ Wireless ④ Finish

WAN Settings

☐ PPPoE ☐ Static ☒ DHCP

IP Address:

Subnet Mask:

Gateway:

DNS:

Next

8. Relay mode: The AP device can be set to internal network IR. Next, select the wireless SSID signal name you need to relay (distinguish between 5.8GHz and 2.4GHz), and enter the relay wireless password.

①Note: When accessing the external network in relay mode, other mobile devices accessing the AP's wireless network will obtain IP addresses assigned by this device.

1) Set the internal network IP.

The screenshot shows a four-step progress bar at the top: ① Lan Settings (highlighted in orange), ② Repeater Settings, ③ Wireless, and ④ Finish (with a checkmark). Below the progress bar, the 'Lan Settings' section is active. It contains two input fields: 'IP Address' with the value '192.168.10.1' and 'Subnet Mask' with the value '255.255.255.0'. A 'Next' button is located at the bottom right of the settings area.

2) Search for the wireless SSID name you need to relay, and enter the password for the relay wireless.

The screenshot shows the same four-step progress bar. Step ② 'Repeater Settings' is now highlighted in orange. The 'Repeater Settings' section is active and contains three input fields: 'Scan Band' with a dropdown menu showing '2.4G', 'SSID' with the value 'COMFAST-6576-2G', and 'Password' which is empty. A 'Scan' button is positioned to the right of the SSID field. At the bottom right, there are 'Prev' and 'Next' buttons.

3) Set the SSID name and password for the AP device itself at 2.4G/5.8G.

①
Lan Settings

②
Repeater Settings

③
Wireless

✓
Finish

2.4G Wireless

SSID COMFAST-6162-2G

Password

5.8G Wireless

SSID COMFAST-6162-5G

Password

Prev

Next

Quick Installation Guide

Statement

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