Manufacturer: Shenzhen Sihai jialan Electronic Technology Co., Ltd.
Address: 301, Building 2, Hongxin Industrial Park, No. 1303, Guanguang Road, Xinlan Community, Guanlan Street, Longhua District, Shenzhen, Guangdong, China
Website: www.sznewfast.com
Email: newfastservice@163.com

NEWFAST

# Outdoor AP

# Quick Installation Guide

NF-A882

Outdoor WiFi Extender/Access Point

Version V1.0

English

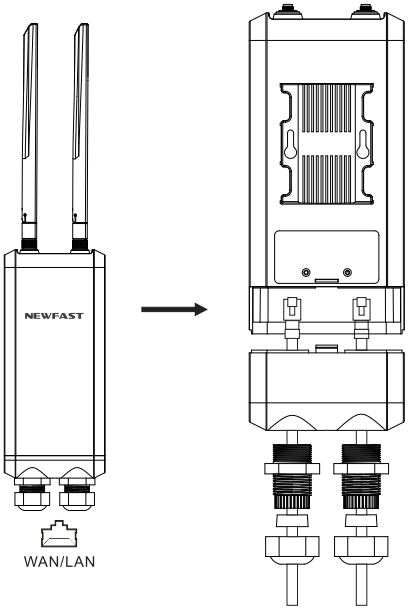
## 1. Product Installation Diagram

(1) Thread the network cable through the screw bottom cover.

(2) Thread the network cable through the sealing ring.

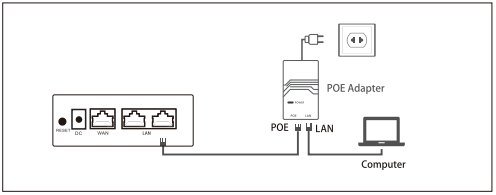
(3) Thread the network cable through the trestle.

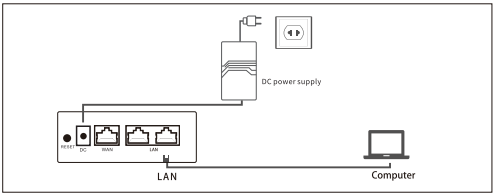
(4) Connect the network cable to the LAN / WAN port of the device.






## 2. Device Connection Diagram



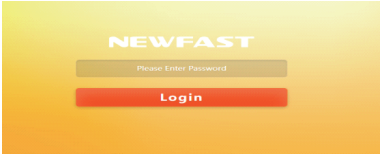

**3. Set your computer to obtain an IP address automatically, and link the LAN port of the device to enter the device management interface.**

**4. The device is defaulted to the Router mode. The steps to enter the setup page as follows: (Note: Single network port device should connect to wireless network to login to the setting page)**

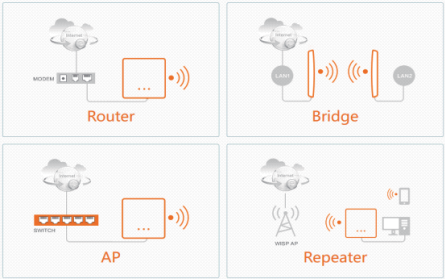
(1) Under default configuration, power on the device and wait for 90s to start the device.

(2) Connect device wireless SSID (Default is NEWFAST-XXXX-2G, NEWFAST-XXXX-5G, XXXX is the last 4 digits of the MAC)

(3) Input 192.168.10.1 in the web browser to get into the setting page. (Default username: admin, password: admin)




**5. Enter the device wizard page, the "Configuration Wizard" page has four working modes: AP Mode, Bridge Mode, Router Mode (Broadband Internet, Static Address, Dynamic Acquisition), and Repeater Mode.**



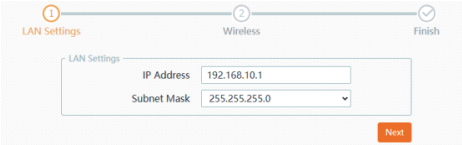

## AP Mode

**1. Click AP mode and set up IP Address and Subnet Mask. The IP address and Subnet mask should be within the same network segment as upper network and can' t be conflict with IP address from upper network router. After settings, you can visit the device from the IP address you have set just now by connecting internet with WAN port of the device or POE adapter LAN port.**

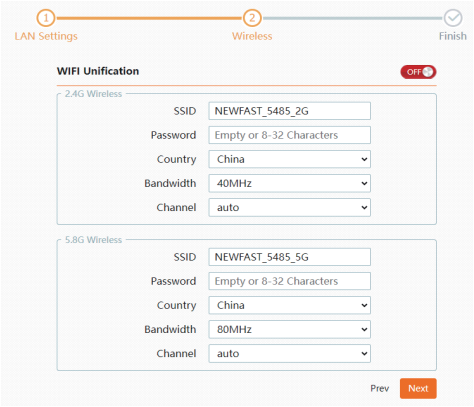
(1) Notes: In AP mode, the IP address from the other devices connected the AP will be allocated by the upper network router.

(2) The AP needs to set an intranet IP address (do not set the same IP address as the upper router). If want to manage the device, manually set the IP address of the same network segment of the intranet IP.



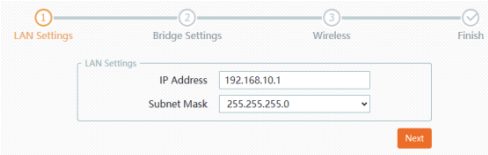


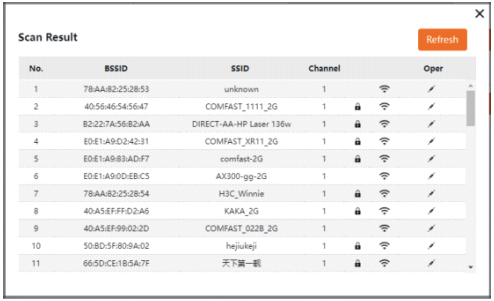

**2. You can set up 2.4G/5.8G wireless SSID, password, channel and country in advance. After setting up, the device's WAN port or POE adapter LAN port connected internet, other mobile devices can connect the SSID to surf the internet.**



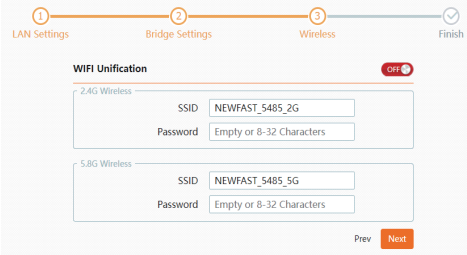

## Bridge Mode

**1. Please ensure the WDS in upper network is enabled. AP device can set up intranet segment (do not set the same IP address as the upper router), and then select the wireless SSID signal you need to bridge (Distinguish between 5.8GHz and 2.4GHz) and input wireless password. (The password is the same as your upper network router )**




Please set the SSID and password for the device and click "Next" to finish settings.

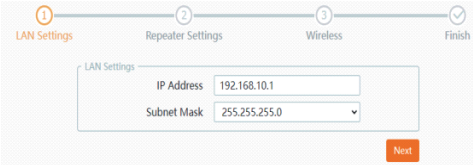


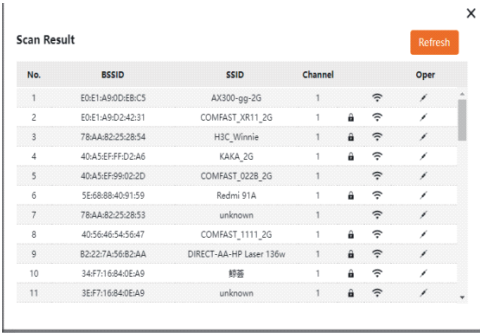



## Repeater Mode

**1. The AP device can set the internal network segment (the IP Address should not be the same as the upper device gateway IP Address). Next, select the network that you need to relay (distinguish between 5.8GHz and 2.4GHz) and input your password.**

(Note: The password is the same as your upper network router) .




Please set the SSID and password for the device and click “Next” to finish settings.

**2. Why the Internet speed are too slow or 5G signal cannot be found?**

A1: Recommended setup way: We suggest that you set AP mode to get the best performance.
In a good WiFi signal environment, extend "router's 5G band" and connect "AP's 2.4G band" with your devices which will maximize the extender's performance. Since 2.4G band has a better performance on through the obstacles and walls.

A2: Change the country code to the U.S.A: Do not choose automatic channel, choose 36 channels. Also, choose 40MHz for bandwidth 2.4G and 80MHz for 5.8G. The higher the bandwidth, the weaker the long-distance signal. Higher bandwidth for high speed and short distance, low bandwidth for stable signal and long distance.

**3. How to login to the management interface?**

A1: In AP/Bridge mode: Enter "192.168.1.x" (Depends on the IP you set earlier in "LAN settings-IP address") to enter the menu interface.

A2: In repeater mode: Enter "192.168.10.1" to enter the menu interface.

**4. How to modify the network name and password?**

A: You can change the WiFi name and password in "Network-Wireless".

**5.POE adapter flashes during using?**

A: In this case, the high probability is that the inside of the product is burned out. Our products can only use the original 48V adapter.

**6.What if the outdoor WiFi extender has broken?**

A: We always offer friendly customer service for every customer. If there have any problem, please don't hesitate to contact us via newfastservice@163.com, we will solve it as soon as possible.



# Maintenance Regulations

Dear Valued Clients,

Thank you for purchasing NEWFAST products. To protect your rights and interests in after-sales service, please read the following maintenance regulations.

**The following does not belong to free maintenance, our company can provide paid service, please note:**

- Damage resulting from improper installation/mounting, improper use or storage of the product, or failure to observe the operating instructions, or safety notes;
- Beyond the limited warranty;
- Unauthorized alteration , tearing up the product bar code;
- Without authorization to change the settings file or recompilation;
- Unexpected factors or human actions lead to product damage, such as improper input voltage, temperature, water mechanical damage, break, rust or oxidation of serious etc;
- Other failures or damages not caused by product's design, technology, manufacturing, quality, etc;

**Certificate Of Qualification**

Quality Inspector _____

Production Date _____

Executive Standard YD/T 1965-2009

QC PASS

Manufacturer: Shenzhen Sihai jialan Electronic Technology Co., Ltd.
Address: 301, Building 2, Hongxin Industrial Park, No. 1303, Guanguang Road, Xinlan Community, Guanlan Street, Longhua District, Shenzhen, Guangdong, China
Website: www.sznewfast.com
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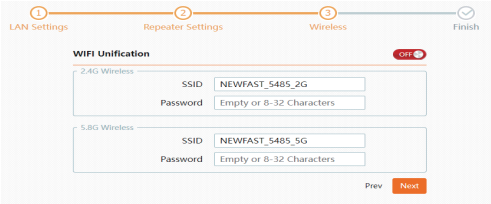



## Router Mode

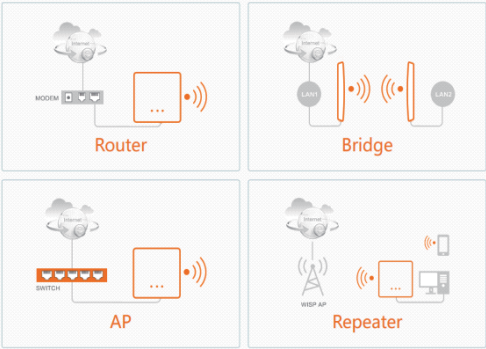
**1. There are three ways to surf the internet: PPPOE, Static and DHCP. (Please refer to router setting as reference)**

**It is recommended to choose PPPOE.**

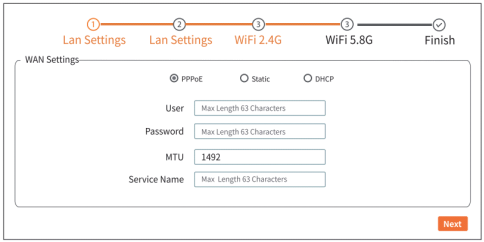
(1) Select Router mode, choose PPPOE.

(2) Enter your Internet account name and password.

(3) Set up a separate password for new WiFi, and click "Finish".



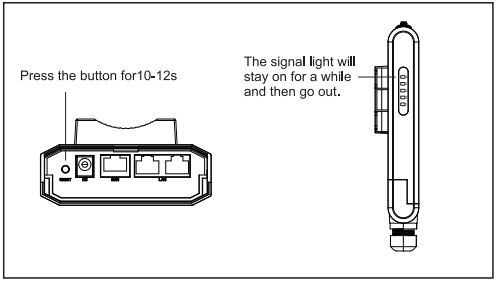



## Q&A

**1. How to Reset the Device?**

Unplug the device and then plug it again, wait for about 90s, then press and hold the reset button for 10-12s, (the black button at the bottom of the device), the signal light will flash and then go out. When it goes out, release the reset button and wait for the system to restart (about 2 minutes). Wait the "NEWFAST-XXXX-2G or NEWFAST-XXXX-5G" WIFI appears in the Wifi list of the computer / mobile phone, now you can start to setup.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.