

User Guide

Wireless Repeater

M/N: CF-WR300N

Trade Mark: COMFAST

Manufacturer: Shenzhen Four Seas Global Link Network Technology Co., Ltd

1、 Product Specification

This device as a complement of wired LAN (local area network) achieved the wireless access function of the wired LAN network, plug-and-play. Suitable environments: Hotels, School dormitories, House, Apartments, Buildings

Note: COMFAST mini repeater has two shape, please find the corresponding description of the product according to your item appearance.

WPS/Reset button:

WPS/Reset button is at the bottom of This device beside LAN/WAN port. When power is on, press and hold the WPS/Reset button for 2 seconds, you will enable the WPS function, press and hold the button for 10 seconds and release, then it is restoring the factory value function the device will restore to factory settings.

Warning:

- 1.Please remove the device if it's the thunderstorm weather to keep from lightning strikes
- 2.Keep away from heat source and keep ventilation.
- 3.Please pay attention to waterproof when it is in storing, transporting and operating environment.

2、 Introduction of 3 Application Modes

2.1 AP Mode(Access Point)

This device as a complement of wired LAN(Local Area Network),achieved the wireless access function of the wired LAN, plug-and-play. Under this mode, the RJ45 wire port is being used as LAN port, computer can connect with This device through wired or wireless way. you have to set your computer' s IP address manually if you want to log in the setting page.

2.2 Repeater Mode

This device is used for extending the wireless signal's coverage of existing AP or wireless router. Under this mode, the RJ45 wire port is being used as LAN port, computer can connect with this device by wired or wireless signal. You should set your computer's IP address manually or press the reset button for restoration(note: after restoration, it is router mode by default, the computer must through wireless way log in the setting page)

Application environments: Duplex houses, Large-area places.

2.3 Router Mode

This device has wireless router function, its wired RJ45 port used as WAN port, it can connect with ADSL modem by web cable, computer will get sharing network by connecting with This device through wireless way.

Under this mode, the RJ45 wired port as WAN port, only through wireless way the computer can connect with This device, device's DHCP server is enabled by default, we suggest making the IP address and DNS address acquired automatically.

Application environments: House, Apartments

Note: In most cases, the network of holes or school dormitories adopt dynamic IP addressing, at this time, computer/wifi mobile phone/pad only need make their IP address and DNS address acquired automatically. In a few cases, the network is fixed IP address, need make the computer/wifi mobile phone/pad's IP address and DNS address same as the address which the network administrator specified.

3、 Check network IP address(Windows 7 or XP)

Windows 7

1.Click"Start-Control Panel-Network and Internet-Network and sharing Center-Change adapter settings-Wireless Network Connection", right click the wireless Network Connection, choose "Properties"

2.Double click "Internet Protocol Version 4(TCP/IPv4)".

3. If your computer's IP address, sub net mask and default gateway were set manually, please revise them to "Automatically get the IP address and" Obtain DNS server address automatically then click "OK", previous interface also click "OK"

Windows XP

1.Right click the "My Network Places" on the desktop and choose "Properties"

2.Right click the "Wireless Network Connection" and choose "Properties"

3.Double click "Internet protocol(TCP/IP)"

4.If your computer's IP address sub net mask and default gateway were set manually, please revise them to "Automatically get the IP address "and" Obtain DNS server address automatically", then click "OK", previous interface also click "OK"

4、 Wireless Network Connection(Win 7 and XP)

Windows 7

- 1.After the installation of the wireless adapter, bottom right corner will appear icon, click this icon.
- 2.From the pop-up network list, please select the network which is to be connected, This device default SSID name is "COMFAST" select it and click "Connect"
- 3.In the first use, it will appear tips as below picture, please select "connect to the network without setting up the network", then click "OK"
- 4.When it shows "connected", means that your computer has successfully accessed the wireless network

Windows XP

1. After the installation of the wireless icon, click this icon
- 2.From the pop-up network list, please select the network which is to be connected, This device default SSID name is "COMFAST", select it and
- 3.When the up right corner appears "Connected" mark, means that the computer has successfully accessed the wireless network.

5、 The Product Log in Interface

- 1.Open a web browser,type"192.168.10.1",hit"Enter",language select" English", and fill the" User name" and" Password"(all is " admin" by default),then click" Log in".
- 2.After log in in the This device setting page, there are 3 working modes and some system information as shown below:6AP mode settings

6、 AP mode settings

- 1.Choose "AP" mode as shown below:
- 2.Wireless SSID is the name of the wireless network, you can keep default name, but suggest change to other name; Channel you can select from 1 to 13 or Auto; Encryption recommended using WPA/WPA2;key need type more than 8 letters or numbers
- 3.Click"APPLY" button, set up waiting for 20 seconds, then plug web cable into the RJ45 wire port of This device, wireless hot spot created successfully, at this time, laptop/mobile phone/pad etc. devices can search out the SSID name which you set up, type the key to connect and get the Internet.

7、 Repeater Mode

- 1.Choose"Repeater"mode as shown below, search and select the SSID which you want to repeat and set up the" Repeater SSID"

(default name is "COMFAST")an "Pre-shared key"(note: pre-shared key is same as the key of the SSID which you want to repeat)

2.Click"connect",set up waiting for 20 seconds, laptop/mobile phone/pad etc. devices can search out the Repeater "SSID", type the key to connect and get the Internet.

8、 Wireless router mode

1.Choose"Router" mode as shown below, WAN Access Type default type is "DHCP .Client(dynamic IP)"

2.PPPOE dial up setting: WAN Access Type choose PPOE, type the User Name and Password which provide the SSID, Channel, Encryption and key, click the "APPLY", set up waiting for 20 second.

3.Static IP setting: WAN Access Type choose Static IP, and type the basic network parameters by ISP(Inter Service Provider), fill up the SSID, Channel, Encryption and Key, click "APPLY", set up waiting for 20 seconds.

Attention: Please choose WAN Access Type first before settings of router mode.

9、 FAQ

1. If I forget the log in name and password of the device , what should I do(how to reset the router)?

A. If you forget the log in name and password of the device, the only way you can do is do factory reset to the device, then the log in name and password will be restored to their default values. At the bottom of the device there is a Reset button, when power is on, press and hold the button for 10 seconds, after the indicator LED has blinked 3 times rapidly, release the button and finished the Reset operation.

2. What if i can't open the administrator page of device in browser?

A. Please make sure the IP address of your computer is in the same network segment as the IP address of the device administrator page you typed in browser: for example, if your device default log in IP address is 192.168.10.1, then the IP address of your computer should have been 192.168.10.x(x is any integer between 2 and 254):

B. Please make sure your browser setting is "Never dial a connection" and disable proxy; Here is the steps of configuration (suppose you use IE): Click "Tools"- "Internet Options"- "Connections", choose" Never dial a connection"; Click "Lan settings", remove the option of "Proxy server".

C. Try change another computer to log in: If all the 3 hints above can't help you, please do the Factory Reset Operation to the device and log in again.

3. Why my laptop can't search out the signal of Wi-Fi SSID?

A. If your laptop has network adapter built-in, please make sure the

Wi-Fi function is enabled (we recommend you connect the laptop vendor or read the laptop user manual);

B. At device manager interface, check whether the driver of network adapter has been installed successfully;

C. Check whether the wifi service has been turned on, right click the icon "my computer" on your desktop, choose manage. In "Computer Management" wizard, click "Services and Applications", then on the page of "Service", find the item "Wireless Zero Configuration" and check its Status value.

D. Please make sure you've enabled the wifi capability and enabled SSID broadcast.

E. Get closer to the router and try search again, Avoid the factor of obstacles which reduce the intensity of signal; If the hints above can't help you, please check out whether another wireless network adapter can be connected to the router. If it still doesn't work, please do the factory reset operation to restore the parameters back to their default values.

4. What if I forget the security password?

A. Use network cable to connect the computer and the device, log in device administration page and check the wireless security settings

B. Do the factory reset operation to the device, restore the parameters back to their default values.

FCC Warning:

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.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”