WS-WN575A2
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Concurrent 11AC
Wi-Fi AP/Router

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.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or change to this equipment. Such modifications or change could void the user's authority to operate the equipment.

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.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Open Source Code

This product includes software codes developed by third parties. These software codes are subject to either the GNU General Public License (GPL), Version 2, June 1991 or the GNU Lesser General Public License (LGPL), Version 2.1, February 1999. You can copy, distribute, and/or modify in accordance with the terms and conditions of GPL or LGPL.

The source code should be complete, if you think we should to provide any additional source code files under GNU General Public License (GPL), please contact us. We are committed to meeting the requirements of the GNU General Public License (GPL) .

You are welcome to contact our local office to get the corresponding software and licenses. Please inform us your contact details and the product code. We will send you a CD with the software and license for free.

Please refer to the GNU GPL Web site for further information.
http://www.gnu.org/licenses/licenses.en.html.

Introduction :

The AC AP/Router is mainly used for providing free Wi-Fi service in big area such as factory, community, street or etc. The AP/Router can take an existing 2.4GHz or 5GHz wireless signal, repeat and extend it to a longer range where it is too far away for the router or access point to reach. The AP/Router simultaneously supports 2.4G and 5G wireless network connection. It has External Antennas providing even better wireless performance, transmission rates, stability technology automatically avoids channel conflicts using its channel selection feature.

Package Contents

Before you start to use this router, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

1 x Wi-Fi AP/Router
1 x RJ-45 Networking Cable
1 x Quick Installation

Hardwear Overview

1. 3 x Wi-Fi Signal
2. WPS LED
3. WAN/LAN LED
4. LAN LED
5. Power LED
6. WPS Button: 6 seconds
7. Mode Selector
8. POWER On/Off
9. LAN Port
10. WAN/LAN Port
11. Reset Button: 3 seconds

Default Parameters

Default IP: **192.168.10.1**
URL: http://ap.setup
Login Name: admin
Password: admin

2.4G SSID: **Wireless-N**
5G/AC SSID: **Wireless-AC**
Wireless Key: no

LED indicators

POWER	**ON:** The Device is power on **OFF:** The Device is not receiving electrical power.
LAN & LAN/WAN	**ON:** The Ethernet port is connected. **OFF:** The Ethernet port is disconnected. **Flashing:** Transferring data to/from a network device
WPS	**Flashing:** WPS connection is established or WPS signal of another device is expected

Wi-Fi Signal

Mode				Description
AP/Router	ON	ON	ON	Wi-Fi Signal output power 100%
Repeater Client	ON	ON	ON	Excellent reception signal strength 50% to 100%
	ON	ON	OFF	Good reception signal strength 25% to 50%
	ON	OFF	OFF	Weak reception signal strength below 25%
	Flashing	OFF	OFF	Disconnected

Getting Started

Setting up a Wireless Infrastructure Network

For a typical wireless setup at home (as shown below), please do the following:
Press MODE Switch Button for AP/ Repeater / Router modes.

Wireless AP Mode

The AP/Router is connected to a wired network that transforms the wired Internet access into wireless so multiple devices can share the Internet. This is suitable for office, home and places where only wired network is available.

Wireless Repeater Mode

The AP/Router copies and reinforces the existing wireless signal to extend the coverage of the signal. Don't change the network's name (SSID) and password yet. This mode is especially useful for a large space to eliminate signal-blind corners. So this mode is fit for large house, office, warehouse or other spaces where the existing signal is weak.

Router Mode

The AP/Router is connected to a DSL or cable modem and works as a regular wireless router. So this mode is fit for the environment which Internet access from DSL or cable modem is available for one user but more users need to share the Internet.

Configure the Wi-Fi Repeater Mode

Configure the Wi-Fi Repeater Mode with WPS Button.

This is the easiest way to configure the AP/Router. First, check whether your wireless router supports WPS. For further details, please read the operating instructions for your wireless router.

1. The mode selector must be set to the "Repeater" position for Repeater Mode.
2. Plug the AP/Router into a wall socket.
3. Press the WPS button on the AP/Router for at least **6** seconds.
   The Wi-Fi/WPS LED now flashes for about 2 minutes.
4. Within these 2 minutes, please press the WPS button of your wireless AP/Router directly for **2 - 3** seconds. (For further details, please read the operating instructions.)

The AP/Router then automatically connects to your wireless router and copies wireless key of the settings.

The AP/Router can be accessed via SSID and the wireless key of your wireless router.

You can configure the Wi-Fi Repeater Mode by connecting it with your computer/laptop with enclosed RJ45 cable or wirelessly.

A.Configure the Wi-Fi Repeater Mode wirelessly.

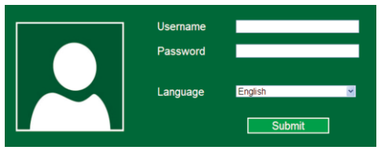
A1. The mode selector must be set to the **"Repeater"** position for Repeater Mode. Plug the AP / Router into a wall socket.

A2. Click on the network icon (or) on the right bottom of your desktop. You will find the signal from the **Wireless-AC or Wireless-N.** Click on **'Connect'** then wait for a few seconds.

A3. Open web browser and type **http://192.168.10.1** or **http://ap.setup** in the browser address box. This number is the default IP address for this device.

Note: Please check whether the AP/Router accord with factory default settings once you can't entered **http://192.168.10.1**. If you are still not sure you can reset the AP/Router, just need to press the **RESET** button for **3** seconds, then try again.

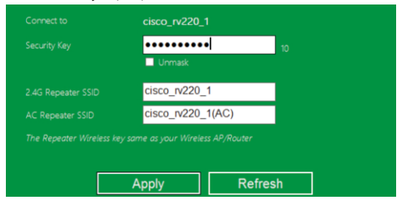
A4. The login screen below will appear. Enter the User Name and Password then click **"Submit"** to login. The default User name is **"admin"** and Password is **"admin"**.



A5. After logging in, you will see the web page below:
Click on the "**Repeater Wizard**" button

A6. From the list, select a wireless network with which you want to connect the AP/Router by choosing the corresponding network in the **"Select"** field.

A7. After having selected a wireless network, you must then specify the network security key of your wireless router.



After completing the entry, click on the **"Apply"** button.
After the reboot has been completed, the AP/Router is accessible under the SSID and the wireless key of your wireless router.

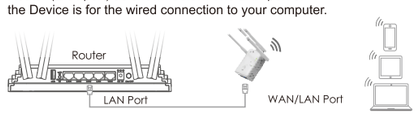
B.Configure the Wi-Fi Repeater Mode with RJ45 Cable.

1. Plug the AP/Router into a wall socket. Connect your computer / laptop with the AP/Router with RJ45 Cable.
2. Follow process **A3** to **A7** to configure your AP/Router.

Configure the Wireless AP Mode.

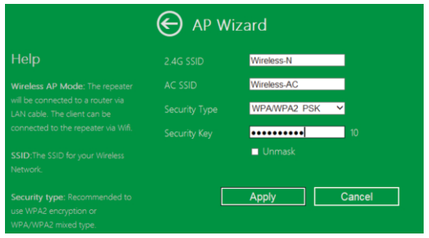
Use the AP Mode to obtain a "Wireless Access Point" The wireless end devices will connect to the AP/Router in this mode. You can also use this mode, for example, to make a formerly non-wireless-enabled router wireless-enabled.

Note:
For AP Mode, please connect the Device (WAN/LAN port) to your Router (LAN port) as shown below. The LAN port of the Device is for the wired connection to your computer.



1. The mode selector must be set to the **"AP"** position for AP Mode.
2. Plug the AP/Router into a wall socket.
3. Follow process **A2** to **A4.**
4. After logging in, you will see the web page below:
   Click on the **"AP Wizard"** button.

The following message will be displayed on your web browser.



SSID	Wireless SSID of the AP/Router
Security type	Setup the wireless security and encryption to prevent unauthorized access and monitoring. Supports WPA, WPA2, WPA/WPA2 encryption methods.
Security key	The **"Password"** of the AP/Router

Click on **'Apply'** button, The AP/Router will restart.

After the reboot has been completed, the AP/Router is accessible under the SSID and the wireless key.

105铜板彩色，双面印刷，折叠，尺寸：80x110mm