Introduction

The Wireless-N Wi-Fi Repeater/Extender can extend and increase signal strength for 802.11n/g/b wireless networks.

Features and Benefits

• Compact and portable for business travelers
• Supports 2.4GHz WLAN networks and complies with IEEE 802.11n/g/b
• Switchable wireless operation modes: Repeater or Access Point (AP)
• Supports WLAN security with WPA, WPA2, WEP (128/64) and WPS
• Data transmission rate up to 300Mbps

System Requirements

• 802.11n/g/b Wireless LAN network
• 110-230V AC electrical outlet
Package Contents

- Wireless-N Wi-Fi Repeater/Extender
- RJ-45 Ethernet cable
- 3 Interchangeable wall plugs
- Quick Installation Guide

Layout

- Power LED: Steady red light when power adapter is connected
- Wireless indicator LED: Green light when wireless activity is detected
- LAN indicator LED: Green light when Ethernet cable is connected
- Reset button: Press and hold for 10 seconds to go back to default settings
Start Using the *Wireless-N Wi-Fi Repeater/Extender*

1. Plug the *Repeater/Extender* to a reliable AC power outlet.
2. Connect your *Repeater/Extender* to your computer using an RJ-45 Ethernet cable.
3. Configure your system’s IP address to be in the same network domain with the *Repeater/Extender*.
   - IP address: 192.168.10.x (x = any number from 2-254)
   - Subnet mask: 255.255.255.0
   - Default gateway: 192.168.10.1
   - DNS server addresses: Leave blank

4. Open a browser and enter **192.168.10.1** into the address bar and hit **Enter**.
5. Follow the instructions below to set up Repeater or AP mode.

Repeater Mode Configuration

This mode extends and boosts existing wireless signals in hard to reach places.

1. Click **Setup Wizard** on the left side bar, select **Wireless Repeater Mode**, click **Next**.

Type **admin** for both **User Name** and **Password**, then click **OK**.
2. Click **Repeater - OneKey Setting**.
3. Select the desired wireless network, then click **Next**.

4. If the selected wireless network has a password, enter it into the **Pre-Shared Key** field, click **Apply and Reboot**, then **OK**.

5. If successfully configured, the configuration settings/status will show **Repeater** and the **State** is **Connected**. See **Figure 7**.
   
   Note: If the configuration fails, repeat steps 1-4, click **Reboot** at the left side bar to reboot the **Repeater/Extender**.
6. Wireless AP Wi-Fi Repeater-1 is ready for connection now.
   NOTE: The AP name can be changed through Basic Settings. See page 8.

**AP Mode Configuration**

This mode gives a non-wireless connection wireless-N capabilities.

1. In the main menu, click Setup Wizard on the left side bar, select Standard Wireless AP Mode, click Next.
2. Click AP - OneKey Setting.
3. The Repeater/Extender will be configured automatically to the AP mode. see Figure 8.
4. In the main menu, click **Security** (under **Wireless**) on the left side bar, type in your password in the **Pre-Shared Key** field and click **Apply Changes**. Note that **WPA2** is default encryption method and is recommended.

**NOTE**: Security code is recommended. Skip this step if it is not needed.
5. Connect the *Repeater/Extender* to your router with an RJ-45 cable. Wireless AP *WiFi Repeater* is ready for connection now.

**NOTE:** The AP name can be changed through **Basic Settings**. See **Basic Settings** in the next section.

**Wireless - Basic Settings**

1. In the main menu, click **Basic Settings** (under Wireless) on the left side bar.
2. Change the basic settings, then click **Apply Changes**.

![Basic Settings](image)

*Figure 10*
**Wireless - WPS**

1. In the main menu, click **WPS** (under Wireless) on the left side bar.
2. Click **Start PBC** to enable the WPS function.

![Figure 11 Start PBC](image)

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**Application**

![Figure 12 Repeater Mode](image)
Figure 13 AP Mode
Technical Support and Warranty

QUESTIONS? SIIG’s Online Support has answers! Simply visit our web site at www.siig.com and click Support. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store’s return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store’s return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request.
Go to www.siig.com, click Support, then REQUEST A PRODUCT REPLACEMENT to submit a request to SIIG RMA or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

• Properly pack the product for shipping. All accessories that came with the original package must be included.
• Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
• You are responsible for the cost of shipping to SIIG. Ship the product to the following address:
  SIIG, Inc.
  6078 Stewart Avenue
  Fremont, CA 94538-3152, USA
  RMA #: ____________
• SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.
About SIIG, Inc.
Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME
Wireless-N Wi-Fi Repeater/Extender

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:
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 PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE
SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
Phone: 510-657-8688

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