

***CoolwiWiFi Extender Lamp***  
***User Manual***

# Getting Started

This chapter covers the following topics:

- *Hardware Specifications*
- *How the Extender Works*
- *Using Mobile app to set up*
- *Smart Lamp features*
- *WiFi Extender Timer features*
- *Other features*

For more information about the topics covered in this manual, visit the Support website at <http://support.coolwi.com>.

## Hardware Specifications

The WiFi Extender Lamp combines the function of a standard WiFi extender and an LED lamp.

1. One USB port for battery charging only, at 500 mA output level.
2. One touch button for on/off switch of the lamp light.
3. 12v DC adaptor.
4. LED lighting. :

## How the Extender Works

The Extender works as a bridge between a wireless router and a computer or wireless device outside the wireless router's range. To do this, the Extender has two main functions:

1. The Extender connects to a wireless network that is up and running.

When the Extender connects wirelessly to a network, it acts as a network client. This is similar to how a computer connects to a network.

2. The Extender acts as an access point for computers.

The Extender has its own wireless network called Coolwi\_EXT, which wireless computers can join. In its role as an access point, the Extender performs some of the same tasks as wireless routers, such as broadcasting its network name (SSID).

The Extender must do each of these jobs so that both ends of the connecting bridge are in place.

## Using the Mobile App to Set Up the Extender

Consumers are asked to use mobile Apps (iOS, Android versions) to connect their WiFi Extender Lamps to a wireless network:

- a. Download the Coolwi Lamp app by searching "Coolwi lamp" in Google Play app store or Apple App Store. You can also scan the QR code printed on the packaging for a direct link to the download page.
- b. Follow the instructions once the app is downloaded. Set Up takes three steps:
  - 1) the app will first directly connect the mobile device and the lamp;
  - 2) the app will then deliver a list of the local WiFi networks available for connecting;
  - 3) the user confirms the specific WiFi network and enters its password to connect.
- c. Once the lamp extender is connected to the home WiFi network, the app is turned into a remote control app and will facilitate other tasks.

## Smart Lamp Feature

The Smart Lamp feature performs two functions: one is to manage the lamp or multiple lamps to be turned on and off based on a pre-set timer; the other is to establishing a vacation mode:

1. Pre-set timer: for example, the lamp will be set to be on automatically at 6:00p.m. and off 11:30p.m. 2. Vacation mode: for example, the lamp turns on for 45 minutes and off for 15 minutes between 6:00 p.m. and midnight.

## WiFi Extender Timer Feature

The Lamp Extender facilitates more than just extending the range of the user's Wi-Fi. The mobile app allows sleep mode so that the wireless signal will be turned off during night time. A user can also restrict usage of the Internet through the "Free Time" feature.

#### 1. Sleep mode.

The Extender will cease to work during the sleep mode which saves energy and, as some believe, delivers a health benefit by reducing local radio waves.

#### 2. Free Time.

There are two ways to setup a time frame restricting use of the Internet. One is based on continuing use of time online; another is based on accumulated use of time online. This feature allows parents to restrict their children's access to the Internet, and employers may also impose a time limitation on employee Internet access.

## Other features

Using settings on the app, users can choose to upgrade the firmware of the lamp. This remote upgrade feature allows the user to add new features, even after the lamp is installed.

## FCC Warning

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.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class C 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.