

# Edysen User Manual

**Models:**

**FBDA EDYSEN01 (Socket)**

**FBDA EDYSEN02 (Cube)**

Draft v0.1

12/06/17

Sirqul, Inc.

<b>Table of Contents</b>	
<b>FCC Regulatory Notice</b>	<b>2</b>
<b>Setup</b>	<b>3</b>
Edysen Smart Mesh Socket (FBDA EDYSEN01)	3
Prerequisites	3
Installing and Powering on Edysen Smart Mesh Socket	3
Powering off and Uninstalling Edysen Smart Mesh Socket	3
Configuring Edysen Smart Mesh Socket to Your WiFi Network	4
Edysen Smart Mesh Cube (FBDA EDYSEN02)	4
Prerequisites	4
Installing and Powering on Edysen Smart Mesh Cube	4
Powering off and Uninstalling Edysen Smart Mesh Cube	5
Configuring Edysen Smart Mesh Cube to Your WiFi Network	5
<b>Support</b>	<b>6</b>

## FCC Regulatory Notice

This device complies with RF radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with a minimum distance of 20 cm away from the user.

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

This device 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 or commercial installation. This device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving aerial.
- Increase the separation between the device and receiver.
- Connect the device 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 comply with FCC radiation exposure limits, modifications to the device are not permissible. Any modifications to the product will void the user's authority to operate the device.

# Setup

## Edysen Smart Mesh Socket (FBDA EDYSEN01)

### Prerequisites

- Location(s) of where to install the Edysen Smart Mesh Socket(s).
- Required socket base: E26/E27
- Compatible bulb types: Incandescent and Halogens. Dimmable LEDs and CFLs.
- Ability to turn on/off power to the light fixtures.

### Installing and Powering on Edysen Smart Mesh Socket

1. Make sure you have the correct types of bulb(s) that are compatible with the Edysen Smart Mesh Socket (see section “Bulb compatibility” above)
2. Find a light fixture with an E26/E27 base in your building that you wish to install the Edysen Smart Mesh Socket.
3. Make sure to turn off the light by turning the light switch to the “off” position.
  - a. **IMPORTANT:** The switch must be set to the “off” position during the whole installation procedure.
4. Unscrew the lightbulb after determining it is cool enough to touch.
5. Screw in the Edysen Socket into the empty socket.
6. Screw in the compatible light bulb into the Edysen socket.
7. Turn on the device by turning the light switch to the “on” position to verify the light and switch are working.
8. The Edysen Smart Mesh Socket will then turn on and also power on the lightbulb like normal.
9. Repeat steps #1-8 for as many Edysen Smart Mesh Sockets you wish to install.

### Powering off and Uninstalling Edysen Smart Mesh Socket

1. Turn off the light with the installed Edysen Smart Mesh Socket by turning the light switch to the “off” position.
  - a. **IMPORTANT:** The switch must be set to the “off” position during the whole uninstallation procedure.
2. Unscrew the lightbulb after determining it is cool enough to touch.
3. Unscrew the Edysen Smart Mesh Socket after determining it is cool enough to touch.
4. Screw in the lightbulb into the light socket.
5. Turn on the light by turning the light switch to the “on” position to verify the light and switch are working.
6. Store Edysen Smart Mesh Socket in desired location for future installation.
7. Repeat steps #1-6 for as many Edysen Smart Mesh Sockets you wish to uninstall.

## Configuring Edysen Smart Mesh Socket to Your WiFi Network

1. Download the Edysen Smart Mesh app from the iOS or Google Play app store.
  - a. iOS: TBD
  - b. Google Play: TBD
2. Install and power on an Edysen Smart Mesh Socket (see section: “Installing and Powering on Edysen Smart Mesh Socket”).
3. Open the app.
4. Select “Configure device”
5. The Edysen Smart Mesh Socket will be detected by the app and show in a list of configurable devices.
6. Select the device and enter in your:
  - a. WiFi SSID
  - b. Security type
  - c. Passphrase
7. Press “Save”
8. Wait for the app to push its configuration update to your Edysen Smart Mesh Socket. The app will confirm when this has been done.
9. Press “Home” and you will see a dashboard with new data populated from the Edysen Smart Mesh Socket as well as an online status indicating it has connected to your WiFi network.
10. Repeat steps #4-9 for as many Edysen Smart Mesh Sockets you wish to configure to your wifi network.

## Edysen Smart Mesh Cube (FBDA EDYSEN02)

### Prerequisites

- Location(s) of where to install the Edysen Smart Mesh Cube(s).
- 1x USB to Micro USB cable.
- 1x USB AC adapter (only if using a traditional wall socket for power)

### Installing and Powering on Edysen Smart Mesh Cube

1. Find the location of where you wish to install the Edysen Smart Mesh Cube.
2. Plug in the micro USB end of the cable into the Edysen Smart Mesh Cube device.
3. Plug in the USB end of the cable into either the USB AC adapter OR into a USB powered device (e.g. Computer, Television, USB outlet, etc.).
4. Look inside the device for a blinking red and green light to indicate the device is powering on.
5. Once fully powered on, the light will disappear.
6. Repeat steps #1-5 for as many Edysen Smart Mesh Cubes you wish to install.

## Powering off and Uninstalling Edysen Smart Mesh Cube

1. Find the location of where you wish to uninstall the Edysen Smart Mesh Cube.
2. Unplug the USB end of the cable from the power source or unplug the micro USB end of the cable from the Edysen Smart Mesh Cube.
3. The device will power down.
4. Store Edysen Smart Mesh Cube in desired location for future installation.
5. Repeat steps #1-4 for as many Edysen Smart Mesh Cubes you wish to uninstall.

## Configuring Edysen Smart Mesh Cube to Your WiFi Network

1. Download the Edysen Smart Mesh app from the iOS or Google Play app store.
  - a. iOS: TBD
  - b. Google Play: TBD
2. Install and power on an Edysen Smart Mesh Cube (see section: "Installing and Powering on Edysen Smart Mesh Cube").
3. Open the app.
4. Select "Configure device"
5. The Edysen Smart Mesh Cube will be detected by the app and show in a list of configurable devices.
6. Select the device and enter in your:
  - a. WiFi SSID
  - b. Security type
  - c. Passphrase
7. Press "Save"
8. Wait for the app to push its configuration update to your Edysen Smart Mesh Cube. The app will confirm when this has been done.
9. Press "Home" and you will see a dashboard with new data populated from the Edysen Smart Mesh Cube as well as an online status indicating it has connected to your WiFi network.
10. Repeat steps #4-9 for as many Edysen Smart Mesh Cubes you wish to configure to your wifi network.

# Support

Thank you for purchasing the Edysen Smart Mesh Socket(s) and/or Edysen Smart Mesh Cube(s).

For this user guide and other useful information, please visit: <http://www.sirqul.com/userguides>.

For regulatory compliance information, please visit <http://www.sirqul.com/about/regulatory> or see above on page 2.

Please review the regulatory compliance document before connecting the Edysen device to a power supply.