

## Product Data Sheet

# Smart Plug Dimmer

Webee-Centralite-3100

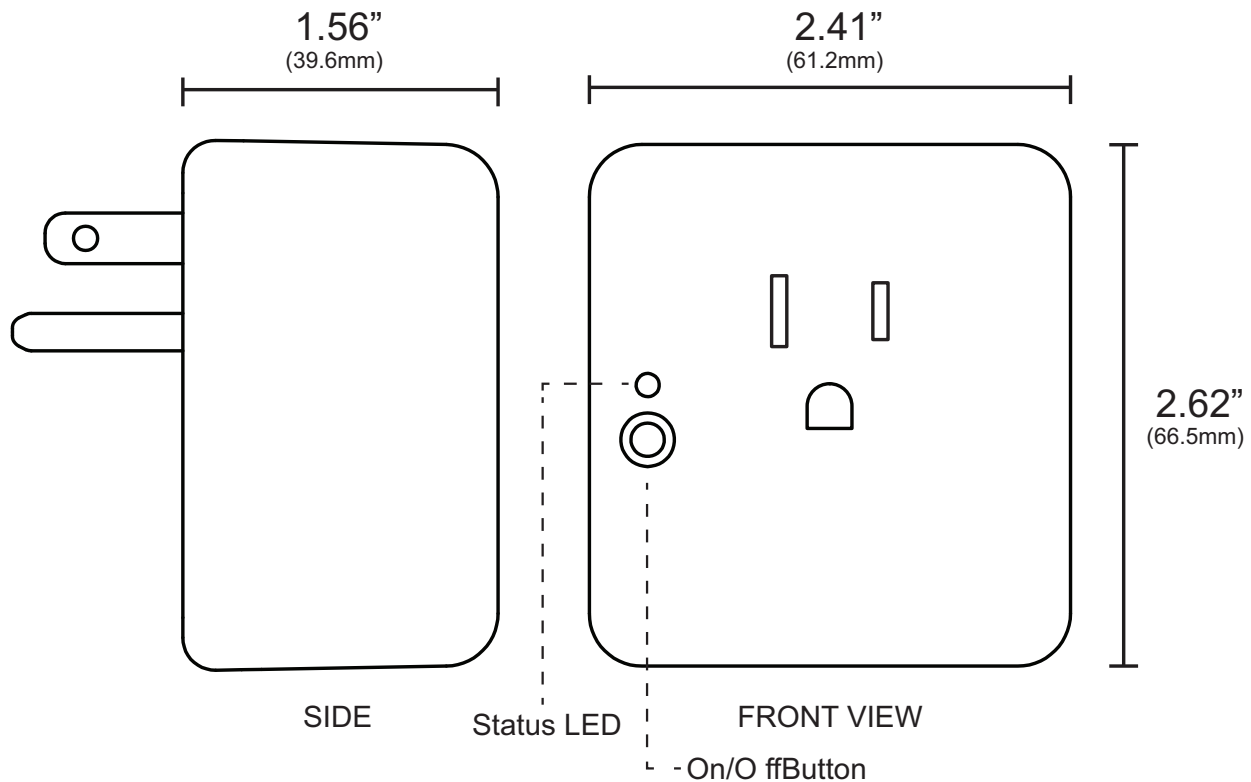
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## Product Overview

The Smart Plug Dimmer introduces new functionality to existing in-home lighting systems. By placing the Smart Plug Dimmer between an outlet and any lamp in your home, you can instantly add advanced automation features. The Smart Plug Dimmer can also set dimming levels for any dimmable light bulb. Not only can the Smart Plug Dimmer be dimmed remotely, but it also can be used with your Smart Home Hub to respond to alerts, schedules, and scenes. The Smart Plug Dimmer can also report its power usage for energy management. The Smart Plug Dimmer is an affordable way to add automation and track the energy use of your home.

## Dimensions



## In the Box:

1x - Smart Plug Dimmer

## Key Features:

- Built-in power amplifier for exceptional range.
- Current-sensing technology to report real-time energy usage.
- Automatically detects when a user is trying to turn on the lamp, even if the module is set to off.
- Easy compatibility with ZigBee HA 1.2 devices.
- Override button for direct dimming and on/off.
- LED indicator for at-a-glance on/off status.
- Over-the-air firmware updates.

## Use Cases

- Include lamps in your automated home lighting scenes.
- Create a timed night-light for children that turns on with in-room motion.
- Dim bedside lamps with a “night-time” lighting scene.
- Automate your lamps and make them smart!
- Be alerted if a lamp is turned on outside of scheduled times.
- Create pulsing/flashing notifications triggered by alarms, smoke detectors, stock market, news, phone calls, or e-mails.

### Deter burglars with custom schedules

Thieves and burglars prefer to enter a house when no one is there. Using custom schedules for lamps and lights turning on and off, you can deter thieves by making them think that the house is occupied.

Link a motion sensor with your Smart Plug Dimmer to control a night light that turns off when nobody is moving around. Provide light when it is needed, and save energy when it isn't.

### Use a lamp for notifications and alerts.

Be notified when you receive an e-mail or miss a call. You can even have lamps respond to the weather or stock market!

### Measure energy usage of lamps

The Smart Plug Dimmer features current sensing technology that actively reports energy usage. Your connected home can track energy usage and offer suggestions to save energy.

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## Special Features

### Solid-State Dimming

Built-in dimming functionality allows any lamp using dimmable bulbs to provide lighting levels appropriate for reading at night, illumination during the day, or even security while you are away.

### Current-Sensing Circuitry

The Smart Plug Dimmer features current-sensing circuitry for real-time energy usage reporting. The current-sensing feature can also be used to notify users when a device has been turned on or off.

### Auto-on

Even when the Smart Plug Dimmer is in the “off” position, it constantly monitors the load (or lamp) for signs that the device is attempting to turn on. If the user tries to turn on the lamp while the module is off, the module can automatically turn itself on.

### ZigBee Home Automation 1.2 Compatibility

The Smart Plug Dimmer is fully ZigBee HA 1.2 certified and is guaranteed to function with all open, ZigBee HA 1.2-certified hubs and devices.

### Easy 2-Step Join Process

The Dimming Outlet is factory-configured to search for open ZigBee networks the first time it is plugged in. Simply open the hub for joining, plug in the Dimming Outlet, and the module will join the open network.

### Superior Range and Updatability

The Smart Plug Dimmer includes a built-in power amplifier, giving the module superior range and stability in large homes or areas with wireless interference.

The Smart Plug Dimmer also supports over-the-air updates providing for seamless upgrades and feature additions without the need for any user interaction.

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## Getting Started

### Step 1: Open ZigBee Network for Joining

Open the joining window pressing "Add device" button on the Webee App. After pressing the button, there will be 60 seconds to add any device to the network.

### Step 2: Plug-In Smart Plug Dimmer

Plug the Smart Plug Dimmer into a receptacle and it will immediately begin searching for a network to join.

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## Troubleshooting

### Unplug Module from Receptacle

Begin by unplugging the module from the wall receptacle. Then plug it in again and test operation. Also, try plugging the lamp into a non-switched wall receptacle to ensure the lamp works.

### Step 2: Factory Reset and Rejoin

Unplug any devices from the module and unplug from the wall. Now hold the on/off button while plugging it back into the wall. Hold the button until the status LED turns on. Repeat the “Getting Started” steps to rejoin the ZigBee network.

## Compatibility

The Smart Plug Dimmer features out-of-the-box compatibility with any ZigBee HA 1.2-certified hub, controller, bridge, or platform.

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## Technical Specifications

### Electrical

Rated: 120 VAC, 60Hz  
Output: 300W Incandescent

### Environmental

Operating Temperature: 0° to 40°C

### Shipping / Storage

Temperature: -20° to 50°C  
Humidity Range: 0 to 90% R.H.  
(non-condensing)

Approvals:   

### Wireless RF

Protocol: ZigBee HA 1.2  
TX Strength: +18 dBm  
RF Channels: 16  
Range: 300+ ft. (90+ m) L.O.S.  
Temp Accuracy: ±0.4 °C (max), -10 to 85 °C

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## Safety Warnings

### WARNING!

The total power limit of the device is 300W. Do not exceed this value!

### WARNING!

If a direct short is created on the output, the Smart Dimming Outlet will be damaged and will no longer

function.

### WARNING!

If a load greater than 300 Watts is attached to the output, the Smart Plug Dimmer will be damaged and will no longer function.

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## Support

For support contact us at  
[support@webeelife.com](mailto:support@webeelife.com)

## Standard Warranty

12-month limited warranty on the Smart Plug Dimmer.

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