

## Overview

The WiPoint Mini is a fully-functional ZigBee wireless node with an integrated relay and current sensor. It is a component of the WiSuite Energy Management Control System. The WiPoint Mini is a high tech wireless control device for use in multiple applications. Compact and economical, it provides a solution for the control of devices such as baseboard heaters, water heaters, and lighting. The WiPoint Mini may be used to control second stage heating when paired with a WiStat WR wireless digital thermostat. Other relay applications include appliance control such as water heaters, Jacuzzis, pumps, light panels and HID ballasts, WiPoint Minis are a common component in Demand Side Management (DSM) systems. As a ZigBee node every WiPoint Mini seeks out other WiPoints to set up a fully meshed transport network. back to the WiSuite central server. The WiPoint then uses a ZigBee radio to receive control information to actuate its relay and report status back into the WiSuite network for command and control.

## WIPOINT MINI



### Product Highlights

#### Voltage Options

The WiPoint Mini is available in either 120VAC or 240VAC configurations.

#### Unobtrusive LEDs

The WiPoint Mini features three small LEDs (power, link, relay status) that help verify device status, and can be easily disabled.

#### Installation Simplicity

The WiPoint Mini is designed to be affixed directly to the device to be controlled. The device includes an integrated industry standard 1/2 inch box connector.

#### Warranty

WiSuite.com Inc. (1) year limited This product is guaranteed against workmanship defects for a one year period following the initial date of purchase. During this period, WiSuite.com Inc. will repair or replace, at our option and without charge, any defective product which has been used under normal conditions. The warranty does not cover delivery costs and does not apply to products poorly installed or randomly damaged following installation. WiSuite.com

Inc. cannot be held liable for related or random damages following the installation of this product. The defective product as well as the purchase invoice must be returned to the place of purchase or mailed, prepaid and insured, to WiSuite.com.

### Technical Support

If you have any questions concerning the installation of the WPM.120.20 or 240.20, call our technical support team. **Phone:** Canada / U.S.: 1-877-794-7848 **Fax:** (905) 513-7448 **Email:** [support@wisuite.com](mailto:support@wisuite.com)

### Compliant Specifications

IEEE	802.15.4
ZigBee	V1.0
ZigBee Modules	ZigBee Pro Draft
Addressing	Wise250 and Wise100
	IEEE assigned Mac Address

### RF Characteristics

Outdoor LOS Range	Wise 250 - 250 Ft. Wise 100 – up to 1 mile
Tx Power	Up to 20dbm
Rx Sensitivity	-95 Dbm (1% Per)
Frequency	ISM 2.405 – 2.480 GHZ
Data Rate	Up to 250Kbps.

### Power Requirements

Input Power Available	120VAC or 240VAC
Contacting Rating	Up to 240VAC at 20A (30A available soon)

### Mechanical Life

Relay Operations	100,000 min. (Approx 27 yrs)
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### Environmental

Operating Temp.	-40Deg C – +85Deg C
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