Wattstopper® PLUS

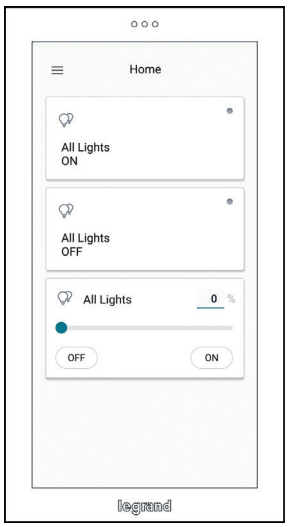
Wattstopper PLUS 5.7” Graphic Switch with PoE

Installation Instructions • Instructions d’Installation • Instrucciones de Instalación

No: 35947 – 04/26 rev. 1

Catalog Numbers • Les Numéros de Catalogue • Los Números de Catálogo: EN-GS-150

Country of Origin: Made in China • Pays d’origine: Fabriqué en Chine • País de origen: Hecho en China



SPECIFICATIONS

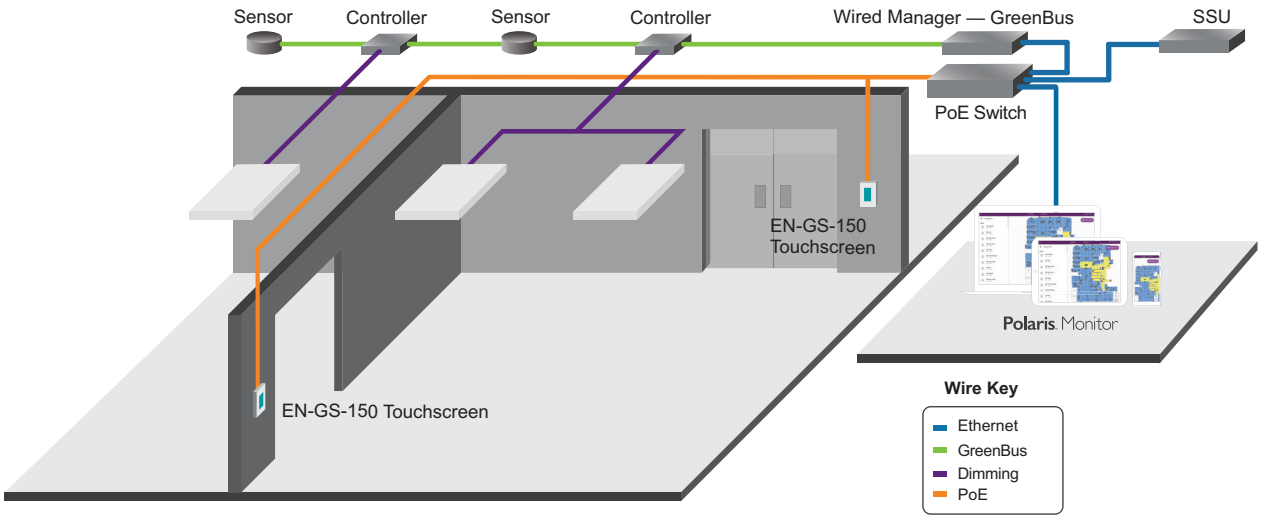
Voltage ..... 48VDC Nominal
Current Consumption 70mA
Max Power COnsumption 4W
Power Supply ..... Compatible with IEEE 802.3af/802.3at
..... PoE LAN switch or midspan injector.
Display..... 5.7” Diagonal, Full Color, High Resolution,
..... TFT Capacitive Touch LCD, 1440x720, 282ppi ,
..... 18:9 Aspect Ratio
Mounting Orientation ..... Portrait
Connection to the System ..... 1 RJ-45 LAN/PoE Port
Ethernet..... IPv4, static IP only (DHCP not supported)
Default Network Settings..... 172.24.172.50 / 255.255.255.0
System Compatibility..... Wattstopper PLUS – works with
..... GreenBus, Wireless, and DALI Managers,
..... up to 50 EN-GS-150 devices per manager
Finishes ..... Glass, Aluminum Alloy, Plastic
Environment ..... For Indoor Use Only
Operating Temperature ..... 32°F to 122°F (0°C to 50°C)
Storage Temperature ..... -4°F to 140°F (-20°C to 60°C)
Operating Humidity ..... 5% to 85% Non-condensing
Weight ..... 6.4 oz.
Certifications..... UL and cUL listed(E101196), CE, FCC, RoHS
Warranty ..... Five years

DESCRIPTION AND OPERATION

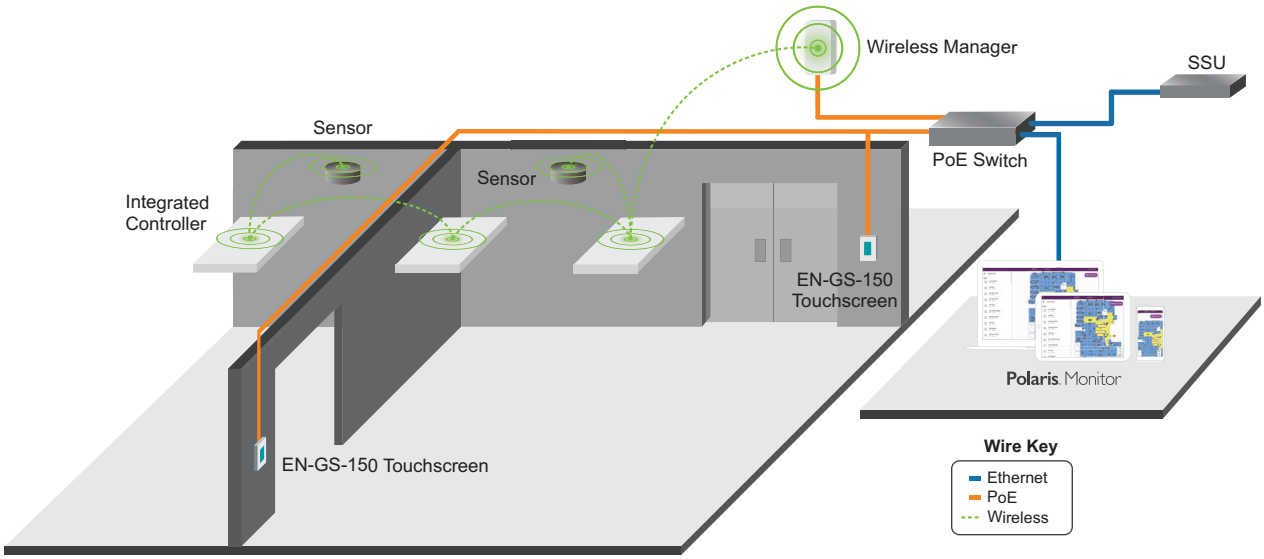
The EN-GS-150 graphic switch is a native Wattstopper PLUS wired device with a 5.7” capacitive touch LCD display that enables simple control of lights, shades, and scenes. The EN-GS-150 is compatible with Wattstopper PLUS Wired and Wireless systems and connects to the local network using a single Power over Ethernet (PoE) RJ45 port. The device is fully programmable and field upgradeable using Polaris Config Release R12 or later.

WIRED SYSTEM OVERVIEW

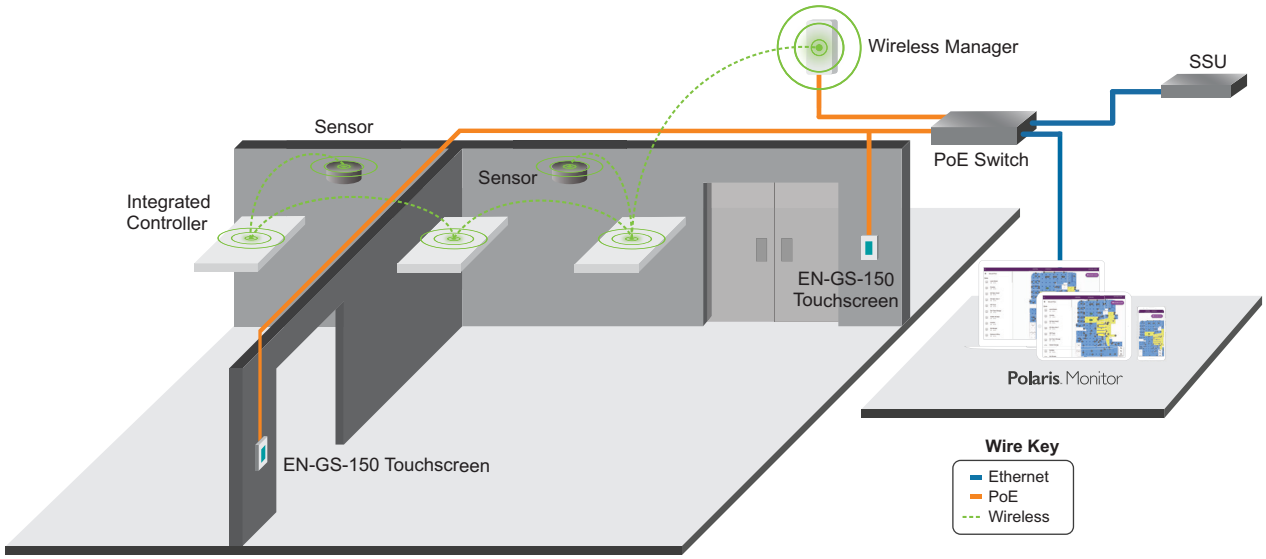
GreenBus



DALI

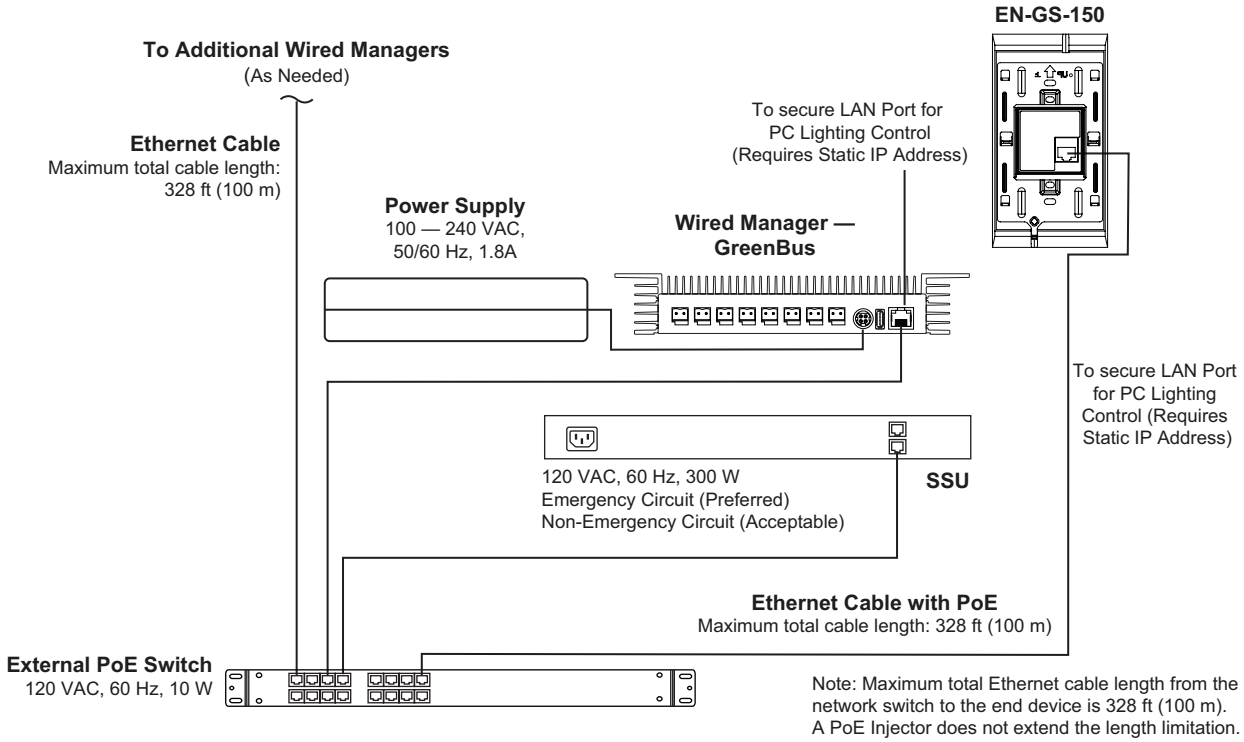


WIRELESS SYSTEM OVERVIEW



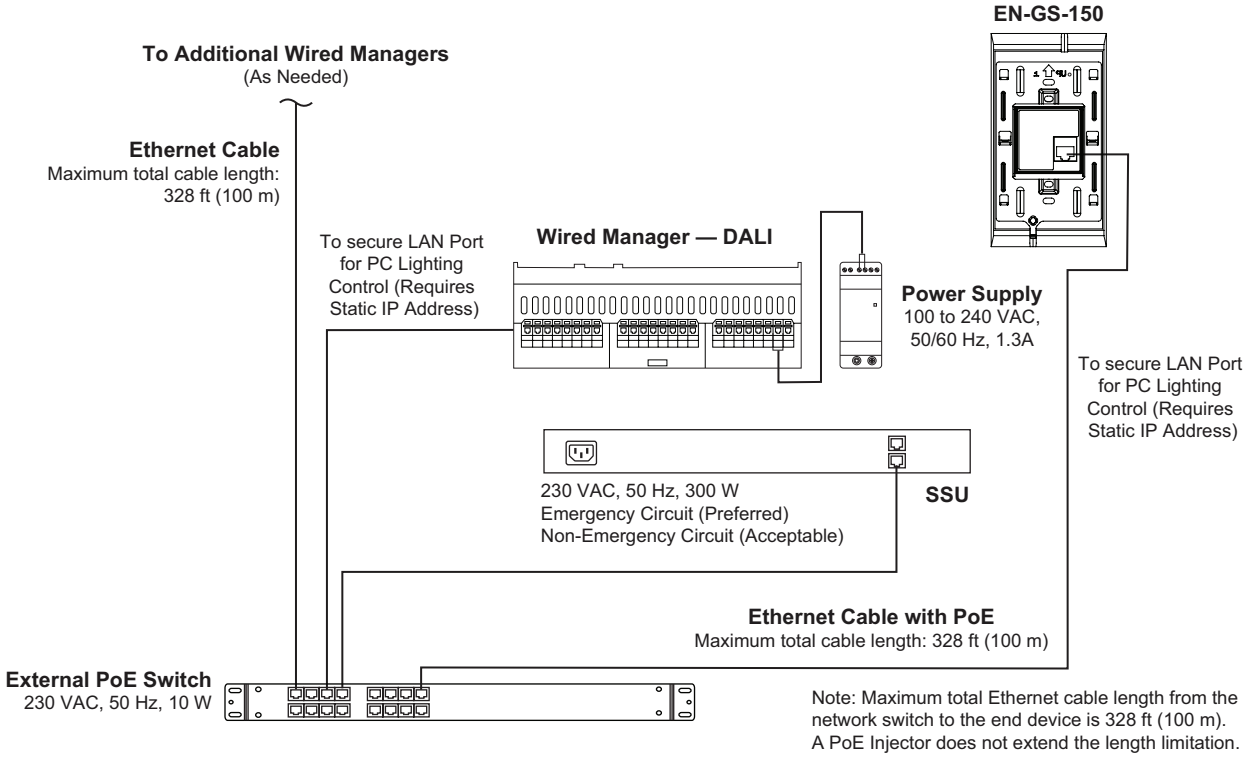
WIRING

GreenBus



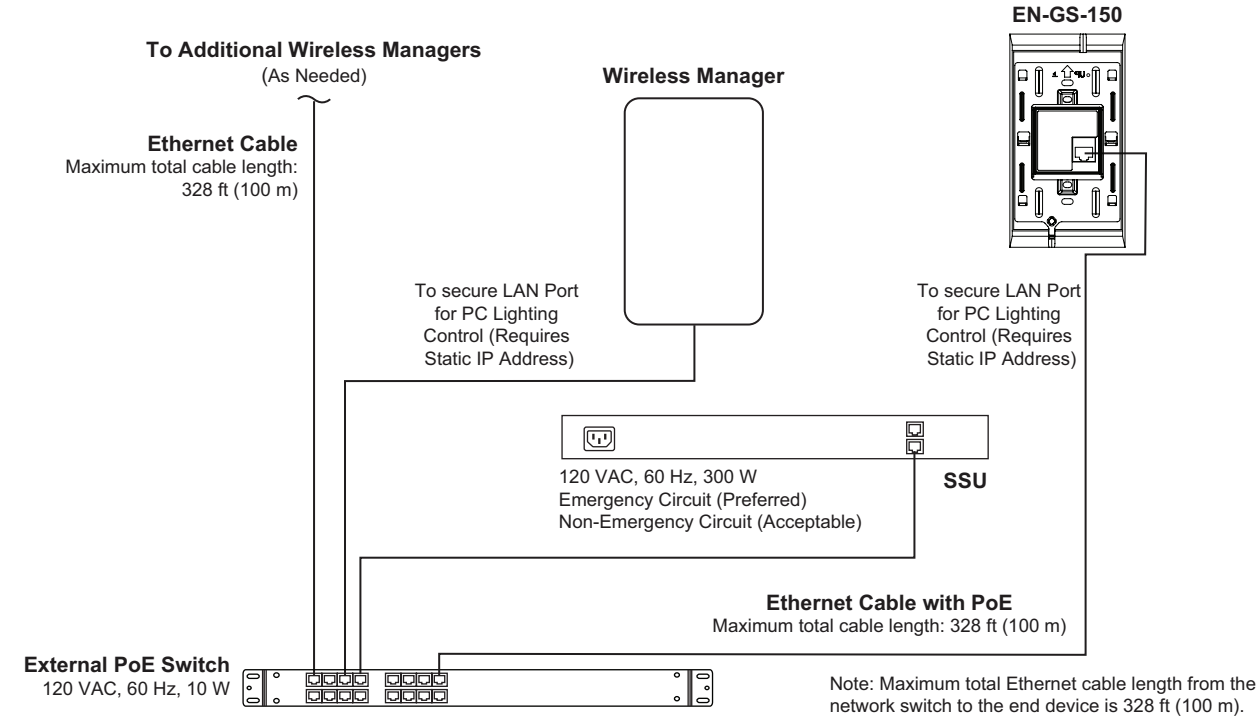
Note: Using a PoE Switch eliminates the need for individual PoE injectors

DALI



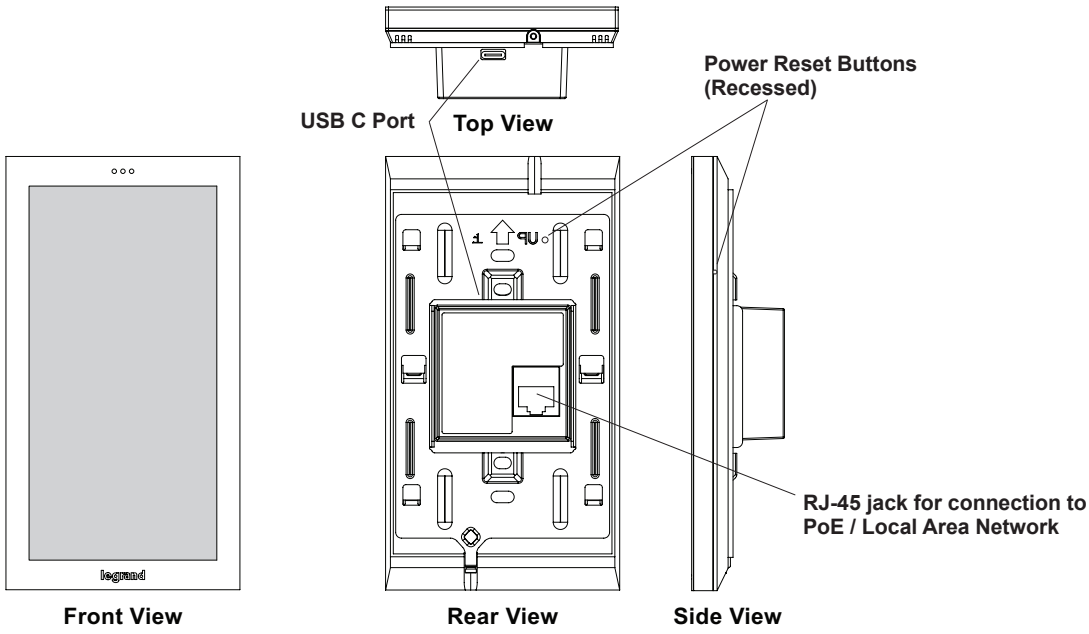
Note: Using a PoE Switch eliminates the need for individual PoE injectors

Wireless



Note: Using a PoE Switch eliminates the need for individual PoE injectors

FRONT AND BACK VIEW



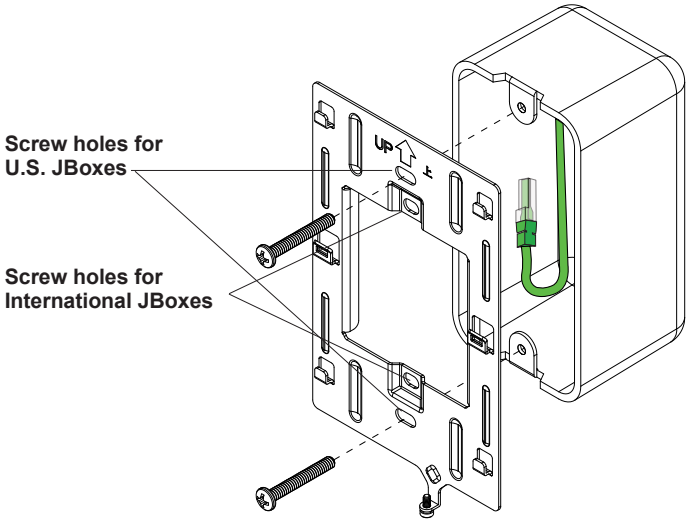
MOUNTING

The EN-GS-150 Graphic Switch is designed to mount onto a standard single-gang junction box or low voltage ring, using the supplied mounting plate with security screw. The EN-GS-150 then attaches to the mounting plate via tabs and slots. The mounting plate includes screw holes for both U.S. (83.5mm) and International (60mm) J-Boxes. Minimum recommended junction box depth is 1 -7/8”.

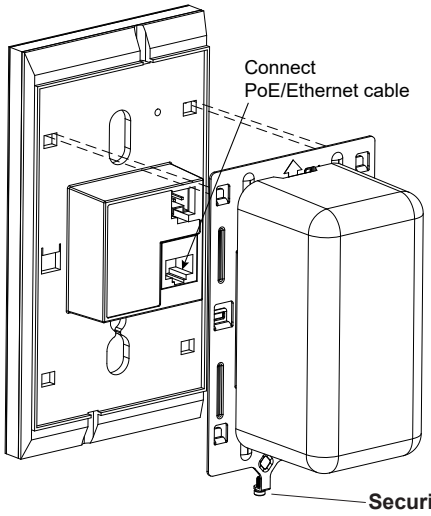
Recommended mounting height per ADA 2010 Design Standards is no higher than 48” above finished floor.

WARNING: Do not install to cover a junction box having Class 1, 3, or Power and Lighting Circuits.

Attach Mounting Plate to JBox



Attach EN-GS-150 to Mounting Plate

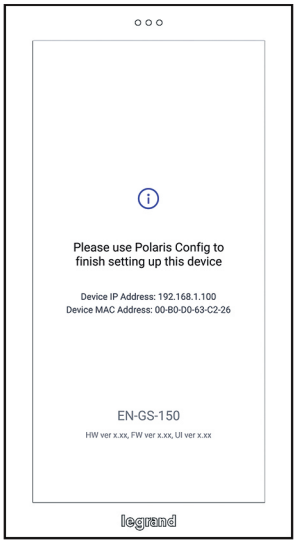


Insert tabs into slots, then slide down to lock in place. Secure the EN-GS-150 to the mounting plate by tightening the screw

PROGRAMMING OVERVIEW

The EN-GS-150 is programmed by authorized technicians using Polaris Config Release R12 or later.

When powered on with factory default settings, the EN GS 150 displays the initial setup screen shown below, which provides hardware, firmware, UI version, and network information.



NOTE: The EN-GS-150 is programmed over Ethernet through Polaris Config Software. The USB-C port is not used for programming or updating the device.

TROUBLESHOOTING

The EN-GS-150 does not operate as expected.

The EN-GS-150 device does not power on	1. Check to make sure the Ethernet cable is fully plugged into the EN-GS-150. 2. Test the cable to make sure the RJ45 terminations are correct. 3. Connect a known good device to a PoE/Ethernet cable to verify power.
The user interface is displaying "Please use Polaris Config to finish setting up this device"	The EN-GS-150 has not yet been programmed or has been factory reset. Use Polaris Config Software to program.
The wrong zones are controlled	Use Polaris Config to verify and correctly configure button associations.
The user interface isn't responding	Check to ensure Wired/Wireless Managers are powered on, and communicating within the system.

FCC REGULATORY STATEMENTS

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARRANTY INFORMATION

Wattstopper warranties its products to be free of defects in materials and workmanship for a period of five (5) years. There are no obligations or liabilities on the part of Wattstopper for consequential damages arising out of, or in connection with, the use or performance of this product or other indirect damages with respect to loss of property, revenue or profit, or cost of removal, installation or reinstallation.

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