

WATTSTOPPER PLUS 5.7" GRAPHIC SWITCH

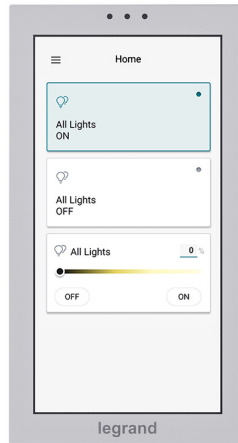
EN-GS-150

Full color capacitive touch LCD display
with native Wattstopper PLUS support

Control support for lights, shades, scenes,
tunable white, and network groups

Attractive streamlined aesthetic with full glass face,
available in Black or White with aluminum trim

Intuitive user interface supports up to 8 screens
and multiple button types per screen



Power-over-Ethernet (PoE) connectivity

Fully customizable with Polaris Config
software

Custom logo image and lock screen with
optional pin-code

Configurable light and dark theme

System-wide zone control within the
Wattstopper PLUS system

DESCRIPTION

The EN-GS-150 graphic switch is a native Wattstopper PLUS PoE powered wired device with a 5.7" capacitive touch LCD display that enables simple control for complex spaces. The user interface provides an intuitive professional experience for whole room control of lights, shades, scenes, and tunable white loads.

OPERATION

The EN-GS-150 connects to the Wattstopper PLUS system using a single ethernet cable for communication and is powered by a IEEE 802.3af PoE LAN Switch or midspan injector. The EN-GS-150 can support up to 8 configurable screens and multiple programmable button types. The EN-GS-150 is field upgradeable to provide optimal user experience throughout the entire life of the product.

APPLICATIONS

The EN-GS-150 is ideal for office buildings, educational facilities, and healthcare spaces where multiple zones of control exist. It is optimal for spaces with lights and shades to enable combined control in a single simple interface.

FEATURES

Software Features

- Includes up to 8 configurable screens and support for multiple button types
- Supports on-screen navigation using Tap or Swipe
- Settings menu provides screen brightness, device information and QR code help
- Supports customizable image and pin-enabled lock screen
- Compatible with all Wattstopper PLUS GreenBus, wireless, and Dali devices and managers.
- System-wide zone control within the Wattstopper PLUS system

Hardware Features

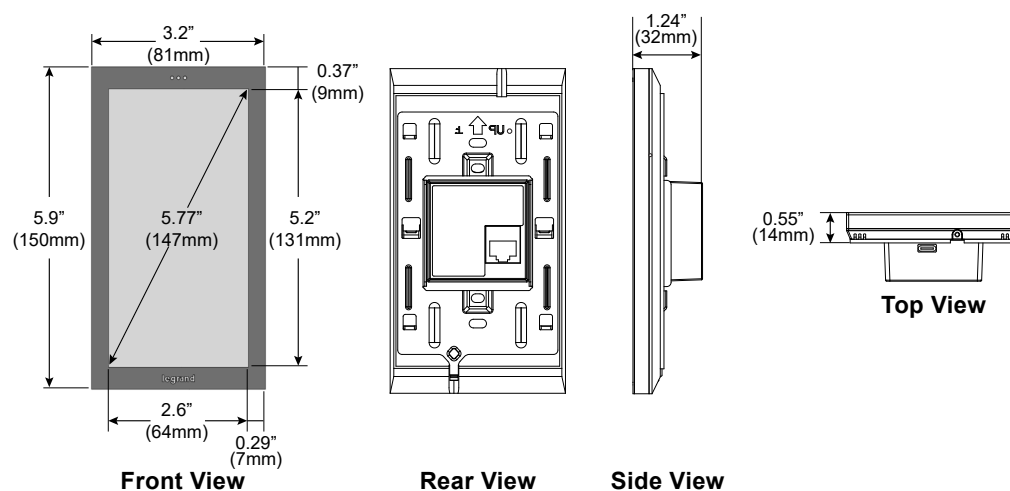
- 5.7" diagonal high-resolution full color capacitive touch LCD display
- Elegant slim aesthetic with full glass front and aluminum trim
- Connects to the Wattstopper PLUS system via standard ethernet RJ45
- Mounting plate is compatible with a single gang metal junction box or low-voltage bracket
- Supplied mounting plate includes a set screw for secure mounting
- Programming is stored in non-volatile memory and is retained in the event of power loss

PROJECT		LOCATION/ TYPE	
---------	--	-------------------	--

SPECIFICATIONS

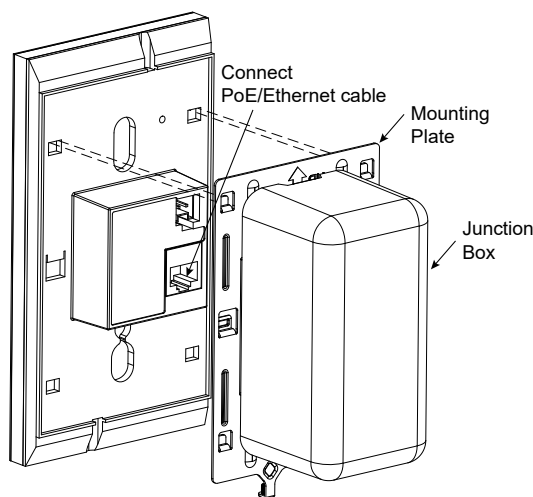
- Voltage: 48VDC Nominal
- Current Consumption: 70mA
- Max Power Consumption: 4W
- Power Supply: Compatible with IEEE 802.3af/802.3at PoE LAN switch or midspan injector.
- Display: 5.7" Diagonal, Full Color, High Resolution, TFT Capacitive Touch LCD, 1440x720, 282ppi, 18:9 Aspect Ratio
- Mounting Orientation: Portrait
- System Compatibility: Wattstopper PLUS
 - Works with GreenBus, Wireless, and DALI Managers, up to 50 EN-GS-150 devices per manager
- Connection to System: 1 RJ45 LAN/PoE port
 - Ethernet: IPv4, static IP only (DHCP not supported)
 - Default Network Settings: 172.24.172.50 / 255.255.255.0
- Finishes: Glass with Black or White painted bezel, Aluminum trim, plastic enclosure
- 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)
 - Relative Humidity: 5% to 85% Non-condensing
- Certification: UL and cUL listed(E101196), CE, FCC, RoHS
- Device Weight: 6.4 oz.
- Warranty: 5-Year

DIMENSIONS



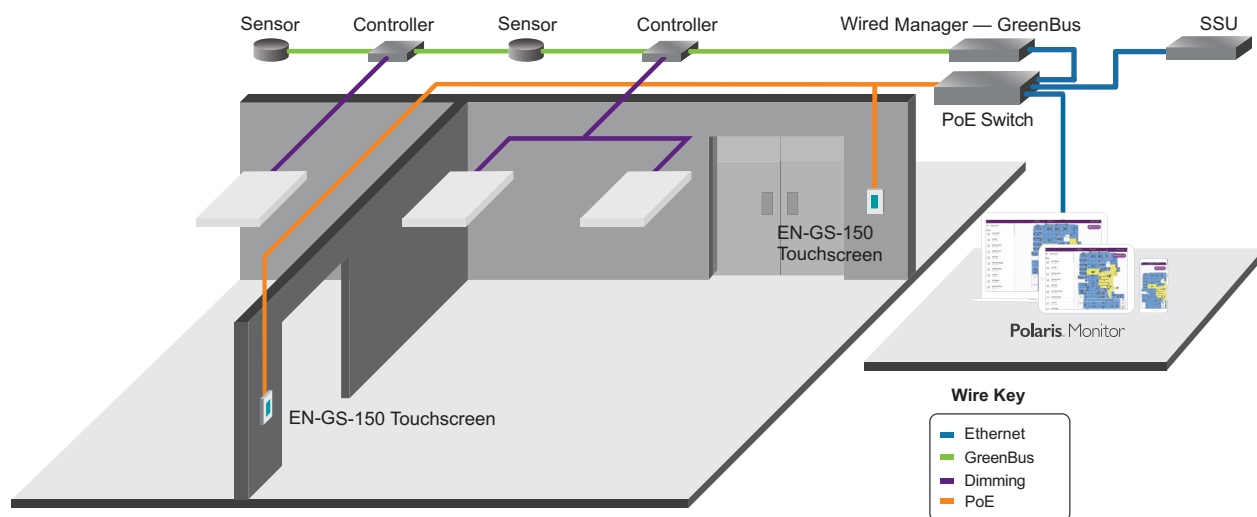
MOUNTING

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 ENGS-150 then attaches to the mounting plate via tabs and slots. Recommended mounting height per ADA 2010 Design Standards is no higher than 48" above finished floor.

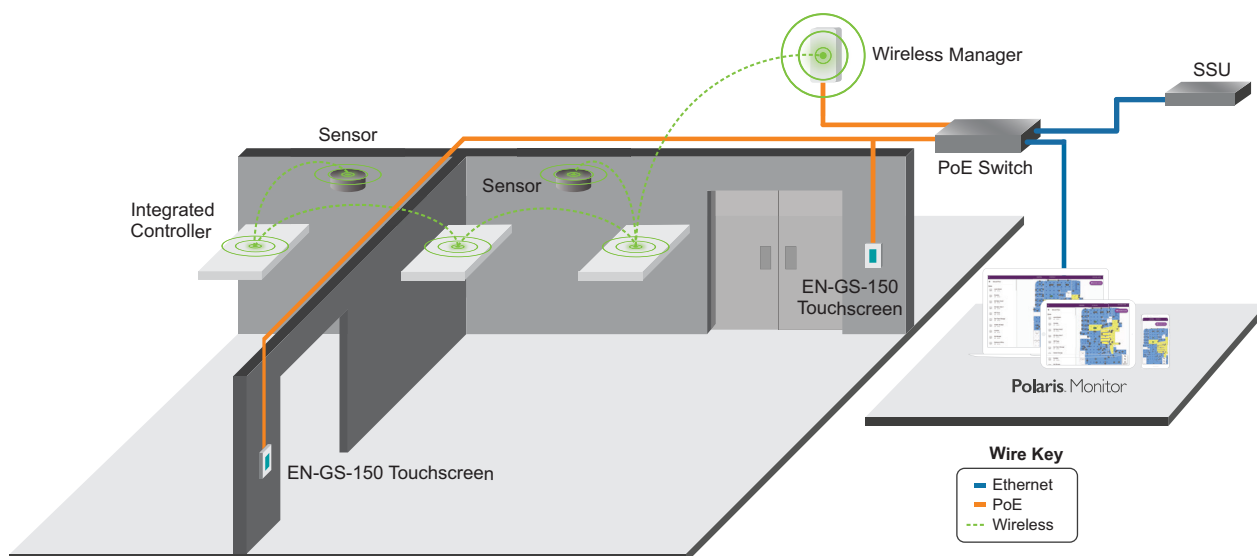


SYSTEM OVERVIEW

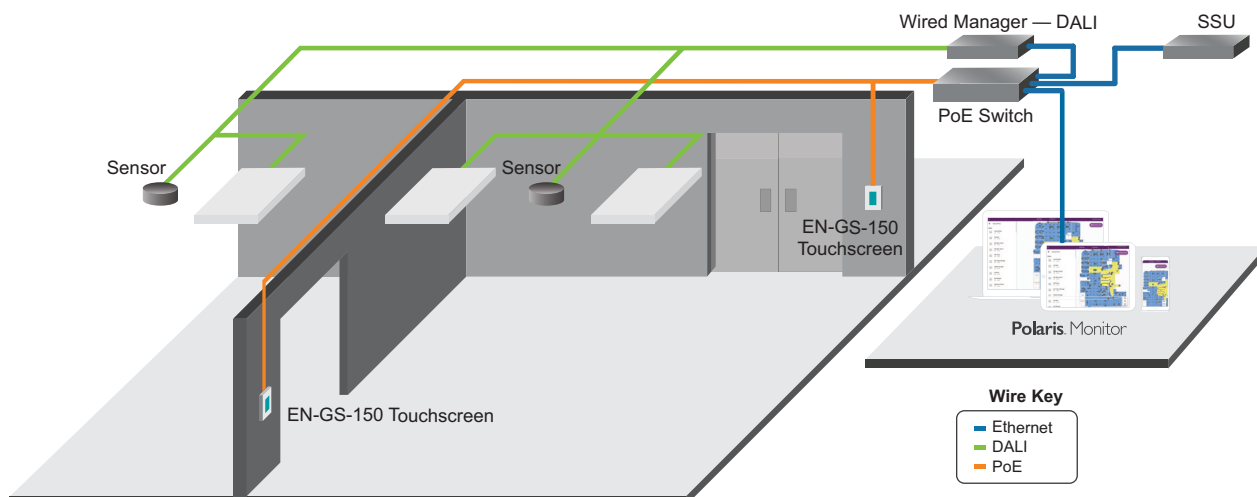
Greenbus



Wireless

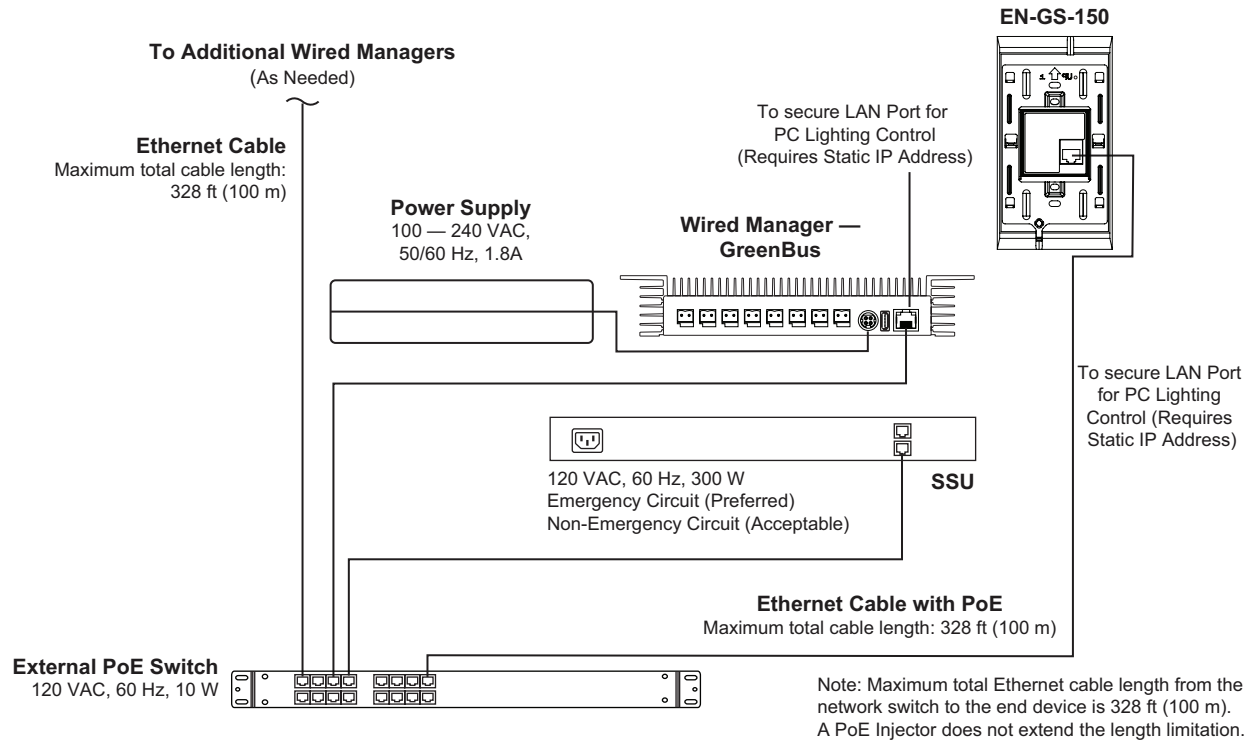


DALI



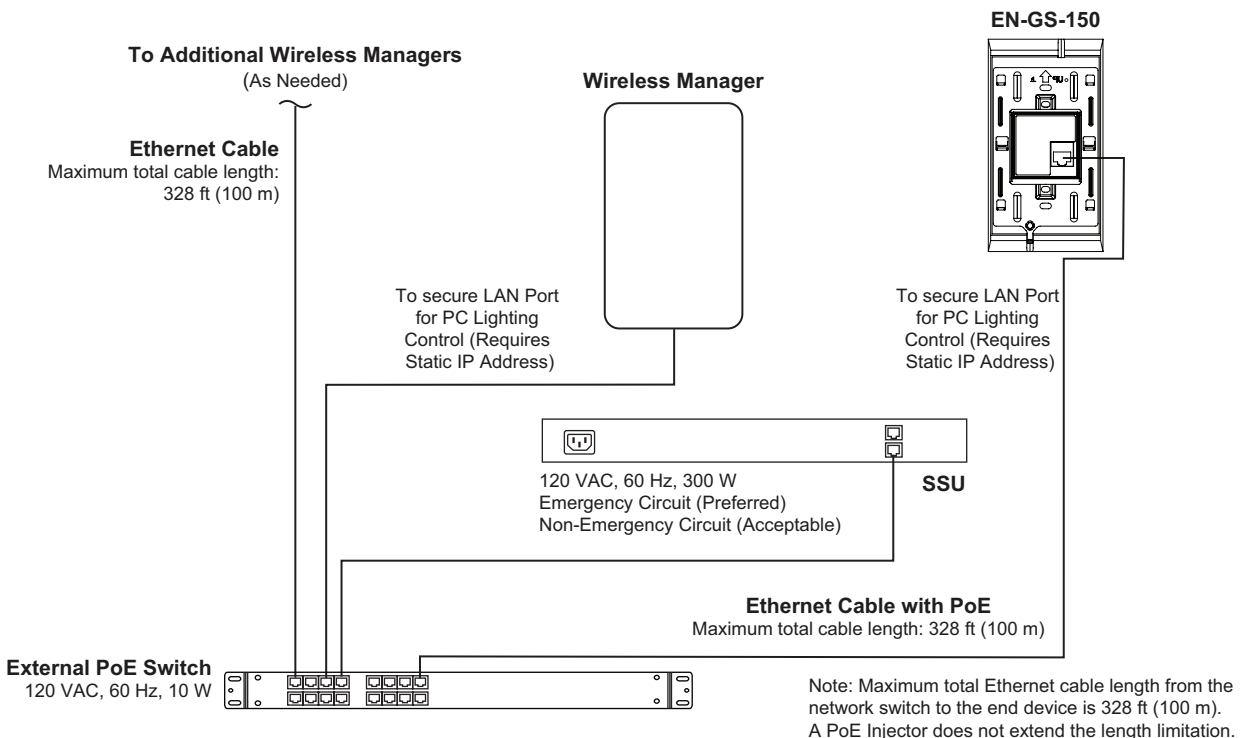
WIRING

Greenbus Wiring



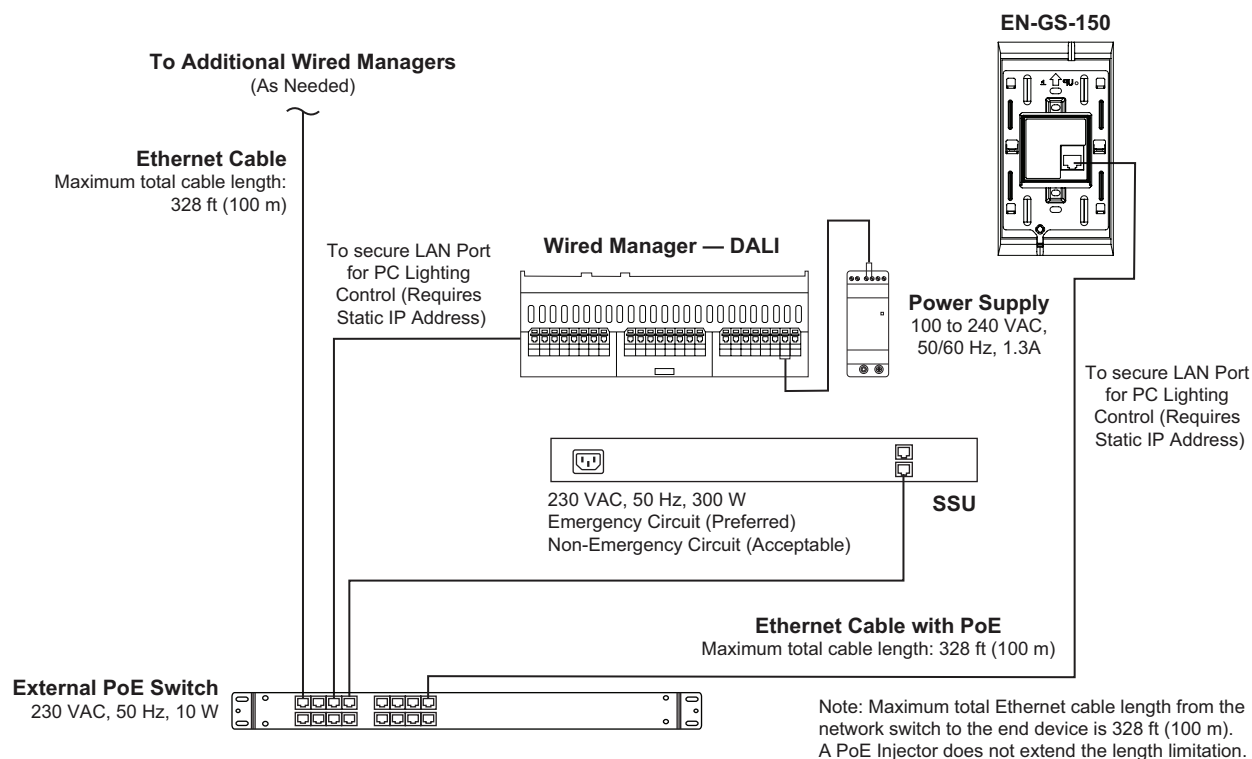
Note: Using a PoE Switch eliminates the need for individual PoE injectors

Wireless Manager Wiring



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

DALI Wiring



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

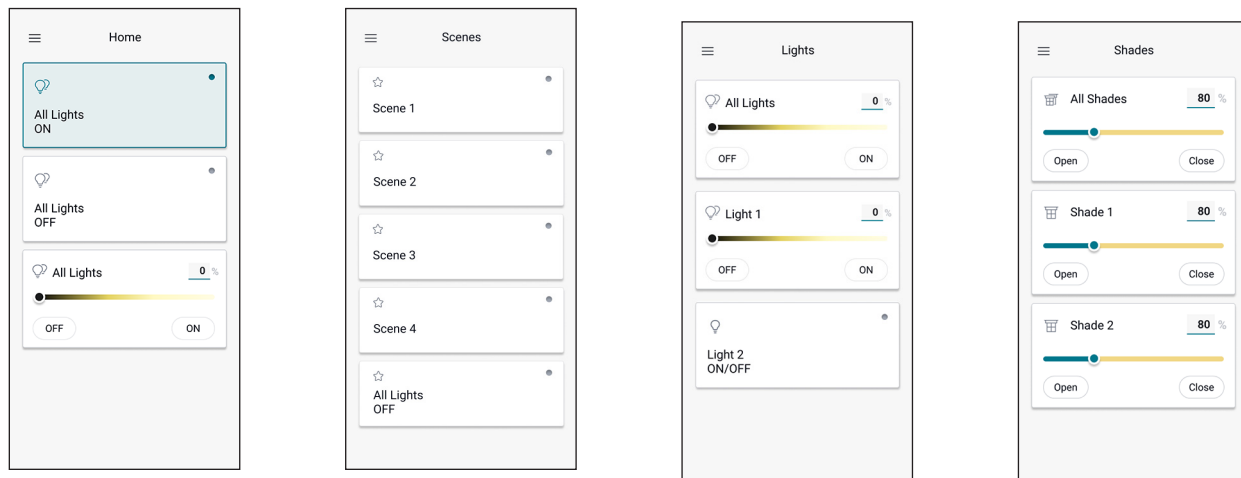
CONNECTIVITY

Maximum ethernet cable length between the EN-GS-150 and PoE LAN or Midspan power source is 328ft (100m)

NOTE: After a power loss event, the EN-GS-150 will automatically restart when power is restored. The EN-GS-150 takes approximately 90 seconds to restart before the user interface is available to control loads. By using Polaris Config, loads can be individually configured to turn On or Off.

USER INTERFACE

The Wattstopper PLUS Graphic Switch is designed within Polaris Config software, allowing for comprehensive screen creation, button layouts, and control mapping. Tapping the Hamburger menu ≡ allows navigation between the available screens.



NOTE: Initial setup and programming is done using Polaris Config software.



ORDERING INFORMATION

Catalog #		Color	Description
☐	EN-GS-150-W	White	Wattstopper PLUS 5.7" Graphic Switch with PoE
☐	EN-GS-150-BK	Black	