WIRELESS CONTROLLED RECEPTACLE

ZSTLR-1HW

Top receptacle is powered and bottom receptacle is controlled wirelessly

Wireless Range 50 to 100 ft (15.2 to 30 m)

Radio Frequency 2.4 GHz (IEEE 802.15.4)

FEATURES

The Wireless Controlled Receptacle (WCR) is a wireless plug load-controlled receptacle — the perfect "smart plug" for ON/OFF control for lamps, appliances, and electronic loads of up to 15A. The WCR is ideal for use in place of traditional wall receptacles with the added benefit of no additional control wiring required.

WCR works seamlessly with Wattstopper PLUS wireless or hybrid systems and can be used to meet energy code requirements for IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control, and automatic shutoff requirements.

The WCR also helps prevent "standby" or "vampire" loads, which can waste energy by continuing to draw electricity when the device appears to be OFF. Products not in use or on standby account for as much as 25 percent of total electrical consumption in commercial buildings. Examples include task lighting, computers, monitors, cell phone chargers, A/V equipment, and other electronic devices that can be switched OFF at night without causing harmful consequences.

The WCR has two distinct outlets – the top outlet is always on, and the bottom outlet is wirelessly controlled. Available in a white color, the WCR has a tamper-resistant design and aesthetically fits with other standard receptacles.

FEATURES

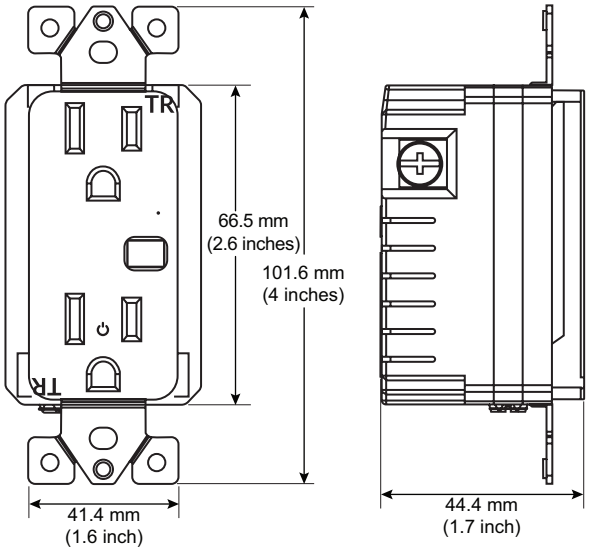
- The top outlet is always ON, the bottom outlet is controlled
- The controlled outlet can be used for wireless ON/ OFF control of plugged-in electrical loads up to 15 amps, such as lamps, appliances, and electronics
- Easy replacement for regular receptacles, 120VAC, 15A
- Tamper-resistant (TR) receptacle meets the 2020 NEC code requirement
- Local ON/OFF switch control for connected loads
- Can be used to meet energy code requirements for IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 space/area control, dimming, manual- ON/OFF, occupancy/vacancy control, and automatic shutoff requirements
- Mounts in a standard Junction Box
- 5 year warranty

PROJECT		LOCATION/ TYPE	

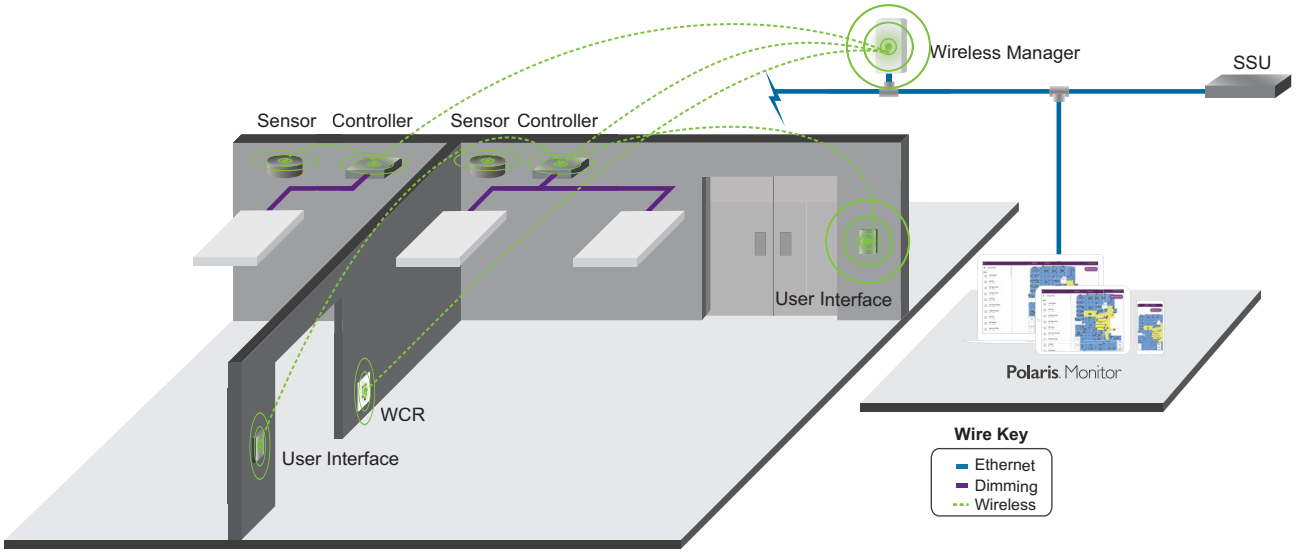
SPECIFICATIONS

- Voltage: 120 VAC at 10 mA AC (320 mW typical)
- Wireless Range:
  - 100 ft (30 m) line of sight,
  - 50 ft (15.2 m) through standard walls
- Control Output Bottom receptacle is controlled wirelessly
- Radio Frequency: 2.4 GHz (IEEE 802.15.4)
- Weight: 159 g (5.6 oz)
- Operating Temperature: -14° to 113°F (-10° to 45°C)
- Storage Temperature: -4° to 140°F (-20° to 60°C)
- Relative Humidity: less than 85%
- Certifications
  - UL
  - FCC Certified, ZZH-ZSTLR (US)
  - IC Certified, 23888-ZSTLR (Canada)
  - Zigbee® 3.0 Certified
- Environmental Suitability: IP10

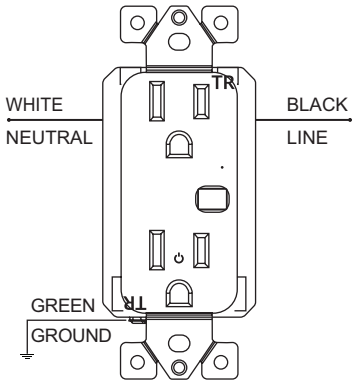
DIMENSIONS



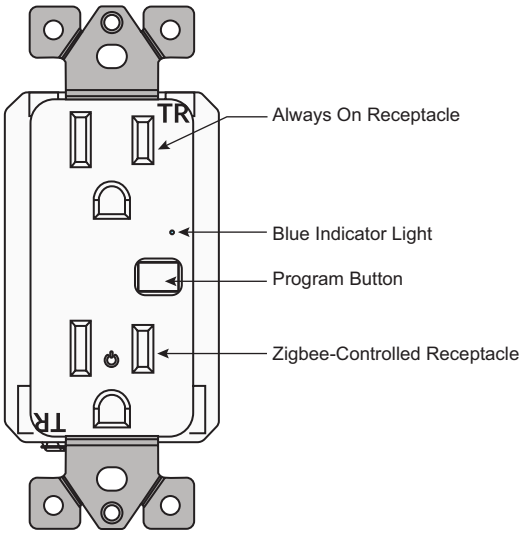
SYSTEM OVERVIEW



WIRING



FEATURES



ORDERING INFORMATION

Catalog #		Description	Communication Network
☐	ZSTLR-1HW	Wireless Controlled Receptacle	Wireless

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