

# LoRa Electrical Outlet

## Wireless Home / Office Automation driven by LoRaWAN™

The LoRa Electrical Outlet is an ideal solution for Smart Home and Office automation. The outlet gives users the ability to automatically trigger a 120VAC, 60Hz switch over a LoRaWAN™ network, allowing for cost savings from improved power consumption practices and enhanced home and office safety and security. One of the two outlets on the device is equipped with a LoRaWAN™ switch, allowing for flexible and versatile use. The LoRa Electrical Outlet is comprehensively integrated into TEKTELIC's End-to-End LoRaWAN™ solution.



### Technical and Functional System Specifications

#### General System Parameters

Operational Temperature	0°C to +40°C
Voltage	120VAC , 60Hz
Incandescent	1000W
Electronic Ballast	5A
Standard Ballast	1200VA
Resistive	1800W (15A)
Motor	1/2 HP
Frequency	908.42MHz
Range	Up to 40m line of site

#### LoRa Parameters

RF Power	20 dBm (100mW)
RF Sensitivity	up to -140dBm
ISM Band	NA915, EU868, AS923, JP920, CH779
Antenna	Internal
LoRa Device Class	Class C

#### Regulatory Compliance

Safety	UL CUL
Regulatory	FCC 15 - Class B

Specifications subject to change without notice.

### Applications

- » Smart Home / Office Control
- » Safety/Security
- » Facility Management
- » Industrial

### Key Features

- » Manual and Remote ON/OFF Control
- » Tamper Resistant
- » Reduced Energy Consumption
- » Simple Installation
- » Integrated with End-to-End LoRaWAN™
- » One outlet enabled with LoRaWAN™ switch

# LoRa Electrical Switch

## Wireless Home / Office Automation driven by LoRaWAN™

The LoRa Electrical Switch is an ideal solution for Smart Home and Office automation. The switch gives users the ability to monitor and report on energy consumption and utilization including line voltage reporting as well as load, current, power and power factor reports. The switch is designed to wirelessly communicate via LoRaWAN™ which allows for seamless integration into your network. Users will experience cost savings from improved power consumption practices and enhanced home and office safety and security. The LoRa Electrical Switch is comprehensively integrated into TEKTELIC's End-to-End LoRaWAN™ solution.



### Technical and Functional System Specifications

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Antenna	Internal
LoRa Device Class	Class C

#### Regulatory Compliance

Safety	UL CUL
Regulatory	FCC 15 - Class B

Specifications subject to change without notice.

### Applications

- » Smart Home / Office Control
- » Safety/Security
- » Facility Management
- » Industrial

### Key Features

- » Tamper Resistant
- » Reduced Energy Consumption
- » Simple Installation
- » Integrated with End-to-End LoRaWAN™