

# FLUX Smart AC Outlet

Wireless Home / Office Automation driven by LoRaWAN<sup>®</sup>

TEKTELIC FLUX is an ideal solution for Smart Home and Office automation. The FLUX gives users the ability to automatically trigger a 120VAC, 60Hz switch over a LoRaWAN<sup>®</sup> network, allowing for cost savings from improved power consumption practices and enhanced home and office safety and security.

- Smart Home & Office
- Safety & Security
- Facility Management
- Industrial Automation
- Energy Consumption Monitoring
- Remote Shut off

## 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

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<sup>®</sup>
- » One outlet enabled with LoRaWAN<sup>®</sup> switch