# **FLUX** Smart AC Outlet

## Wireless Home / Office Automation driven by LoRaWAN®

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® 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**
- **Energy Consumption Monitoring**

Industrial Automation

**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.

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TEKTELIC Communications is a premier supplier of best-in-class LoRaWAN® IoT Gateways, Sensors, and custom applications. These elements combined provide a powerful end-to-end solution that can be easily, quickly, and cost effectively deployed to address the most demanding IoT challenges.

For more information please visit www.tektelic.com



# **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<sup>®</sup> switch **>>**

