

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**
- **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) up to -140dBm
RF Sensitivity	NA915, EU868, AS923, JP920, CH779
ISM Band	Internal
Antenna	Class C
LoRa Device Class	

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®
- » One outlet enabled with LoRaWAN® switch