

# Smart AC Outlet

## Wireless Home / Office Automation driven by LoRaWAN®

The **Smart AC 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 Smart AC 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

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