

# Smart AC Switch

## Wireless Home / Office Automation driven by LoRaWAN®

The **Smart AC Switch** is an ideal solution for Smart Home and Office automation. 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. An optional 3-way control auxiliary switch can be integrated to accommodate for switch control from multiple locations in a room.

The Smart AC Switch 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

#### LoRa Parameters

RF Power	20 dBm (100mW)
RF Sensitivity	up to -140dBm
ISM Band	NA915
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
- » Optional 3-way Control Auxillary Switch
- » Integrated with End-to-End LoRaWAN®