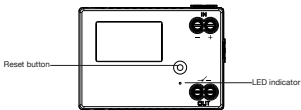# SAC451 Smart Access Control

Quick Start Guide

1   **Welcome**

The Smart Access Control SAC451 is used to control the electrical doors in your home. You can simply insert the Smart Access Control into the existing and use the cable to integrate it with your existing switch. This easy-to-install smart device allows you to control your lights remotely.

This guide will provide you with an overview of the product and help you get through the initial setup to installation.

2 **Get to know your device**

Reset button

LED indicator

Reset Button

▪ **Bind mode.** Press and hold the Reset button for about three seconds until the LED indicator flashes three times to enter bind mode.
▪ **Reset.** Press and hold the Reset button for ten seconds until the LED indicator flashes three times to reset the Smart Access Control to default factory setting, the LED indicator will keep flashing after the device is successfully reset.

LED indicator

The LED status gives the following information of the Smart Access Control:

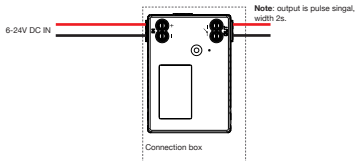| LED status	What it means
LED keep flashing (0.5s On, 2s Off)	Device has not joined a network.
Flashing three times (0.1s On/Off)	Intuitive End Device Bind or Return to Factory Settings.
Green LED solid	Device has joined a network.

3 Get started

3.1 To get started, you will need:

A ZigBee gateway.
A pin.

3.2 Installation

Please refer to the installation diagram below to install the Smart Access Control.

Note: output is pulse singal, width 2s.

6-24V DC IN

Connection box

Installation diagram

3.3 Connect to the gateway's network

1. Install the Smart Access Control and the LED indicator will start flashing (reset the Smart Access Control if not).

2. Set your ZigBee gateway to permit joining and the Smart Access Control will join the gateway's network automatically, the LED indicator will become steady when successfully joined.

3. Check your mobile App, and you will be able to see the Smart Access Control under "Automation" interface. If it has not, reset the Smart Access Control and repeat step 2.

Note: You could also use the wireless switch and the remote control to control your Smart Access Control. To do so, simply refer to the user guide of the specific device.

4 Technical Specifications

Wireless Connectivity	• ZigBee 2.4GHz IEEE
RF Characteristics	• Operating frequency: 2.4GHz • Internal PCB Antenna • Range outdoor/indoor: 100m/30m
ZigBee Profile	• Home Automation Profile
Operating Voltage	• DC 6-24V
Operating Current	• 30mA @ 12V
Max Current	• 70mA @ 12V
Dimensions	• 55.3(L) x 39(W) x 17.7(H) mm
Weight	• 42g

5 **Safety Handling**

> ***WARNING:*** Failure to follow these safety notices could result in fire, electric shock, other injuries, or damage to the Smart Access Control and other property. Read all the safety notices below before using the Smart Access Control.

- Avoid high humidity or extreme temperatures.
- Avoid long exposure to direct sunlight or strong ultraviolet light.
- Do not drop or expose the unit to intense vibration.
- Do not disassemble or try to repair the unit on your own.
- Do not expose the unit or its accessories to flammable liquids, gases or other explosives.