

DEXATEK

# Smart Inlet Switch Specification

## 1. Description

The Smart Inlet Switch is on touch light switch for replacement of existing wall switch. It has a built-in Cap. sensor to sense touch for turning ON or OFF the lamps. The switch connects to Dexatek Smart Gateway via Bluetooth 4.0 smart - Bluetooth Low Energy. This connection based on  $\Sigma$ Casa smart home system to let users control the switch remotely, program the schedule or turn ON/OFF the lamps by groups.



## 2. Features

- On touch to turn the lights ON/OFF
- Built-in capacitance sensor to turn on or shut down the power supply
- Replacement of existing wall switch for lamps
- Suitable for variety of lamps
- Users are allowed to do scheduling, group control and remote control via App
- $\Sigma$ Casa JobLink supported

### 3. Specification

Item	Description
Bluetooth	Bluetooth 4.0 Smart (Low Energy Support)
Input Power	100 ~ 240 VAC +/- 10%, 50 ~ 60 Hz
Output Power	700W Max @ Input Power 100 ~ 120 V, for UL 1400W Max @ Input Power 220 ~ 240 V, for CE/TUV
Output wire	<b>Red:</b> Power Line <b>Black:</b> Output Load <b>White:</b> Neutral
LED Output	<b>Green</b> LED for lights ON <b>Orange</b> LED for lights OFF
Fuse	Fuse included
Over Load Protection	If the load is out of setting range, the switch would be shutdown automatically. (TBD)
Transmission range	25m for mixed space, 100 m for open space
Operating Temperatura	0 ~ 40°C
Operating Humidity	20% ~ 90% RH
Storage Temperatura	-20°C ~ 85°C
Storage Humidity	20% to 90% RH
Dimension	72 x 64 x 24.5 mm

## 4. LED status

Color	Status
Yellow	BLE broadcast for pairing (1 Second flash interval)
	Power ON
Red	All error

## 5. Applied Products

- Fluorescent lamps
- Tungsten lamps
- Compact Fluorescent Bulbs or LED
  - Some applicable brands may encounter flashing issues. Suggest to install with the dummy load

## 6. System Required

- iOS - iOS 8.0 and above with Bluetooth Low Energy(Bluetooth 4.0)
- Android - Android 4.3 and above on Bluetooth 4.0 Smart Ready devices
- $\Sigma$ Casa/SmartCasa App
- $\Sigma$ Central/Smart Gateway

## 7. Installation

- Before starting to use Dexatek Smart Inlet Switch, please make sure you have  $\Sigma$ Central/Smart gateway and  $\Sigma$ Casa App installed. If you don't have  $\Sigma$ Casa App on your smart phone, please download from Google Play for Android phone or Apple store for iPhone.



<https://itunes.apple.com/tw/app/casa-smarhome/id944794117?mt=8>

You can use either the QR code or the click the link to download ΣCasa App



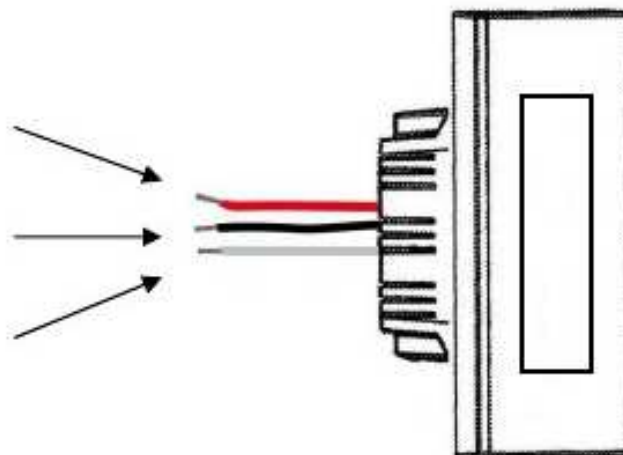
<https://play.google.com/store/apps/details?id=com.SigmaCasa.SmartHome>

- **Pair with Dexatek Smart Gateway**  
Please refer to [Smart Home Quick Installation Guide.pdf](#)
- **Install and mount to the wall**
  - (1) Wire definition

Red: Line (Power)

Black: Load (Output)

White: Neutral



(2) Way of wiring

