

# Yoswit Smart 0-10V Dimmer Switch Datasheet

Model: YO2086s-3GV (R2)-MEC-A

Revised: 01-12-2024

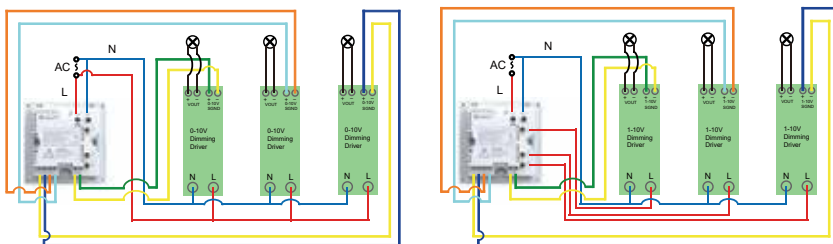


## Unlock Precision Lighting Control

Yoswit Smart 0-10V Dimmer Switch ensures precise lighting with its 0/1-10V dimming design. Featuring brightness adjustment, scene modes, and high adjustment accuracy, it offers unparalleled lighting control and energy efficiency through low power consumption. The built-in timer allows convenient scheduling and control of your lightings for enhanced convenience. It offers compatibility with various third-party smart home systems and integrates smoothly with smart speakers. With its built-in WiFi serving as a central gateway, it seamlessly connects with other Yoswit products, empowering remote management of both Yoswit products and lightings through our Yoswit App, simplifying the interaction with your smart devices.

Connection 1: 0-10V Dimming

Connection 2: 1-10V Dimming



## Key Features and Benefits

- 0/1-10V dimming design for precise lighting control
- Brightness adjustment for customized lighting levels
- Scene modes for setting different lighting scenarios
- Low power consumption
- Built-in timer for automation
- Central hub for smart devices
- Bluetooth Mesh & Wifi enhance connectivity and extend range
- Third-party smart home systems compatibility
- OTA remote upgrades

## Various Customized Products

We offer a comprehensive selection of smart home products that are seamlessly adapted to the usage standards and various socket types in different countries, ensuring a smooth installation process for all users. With extensive compatibility, our products enable you to control a diverse range of household appliances, including lighting, air conditioning, and TV.



Light Switch



Dimmer Switch



2 Way Switch



Double Pole Switch



Gate Controlled Switch



Hidden Controlled Switch



Outlet



Roller



Curtain



Remote Control



Thermostat


## Yoswit App

You can download our app to implement the following functions via Bluetooth and WiFi to control the Yoswit switches.

  
Time Setting

  
Scene Mode

  
Device Network

  
Away Detection

  
Password Protection

  
Network Control

  
Apple Siri

  
Google Assistant


  
IFTTT

Depends on Yoswit Bridge Solutions.



## Product Specifications

Color Options:

\*You can also customize the colors 



Grey



Black



Gold



Silver



Brown



Red



Orange



Yellow



Green



Aqua

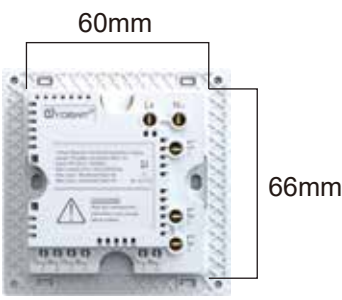
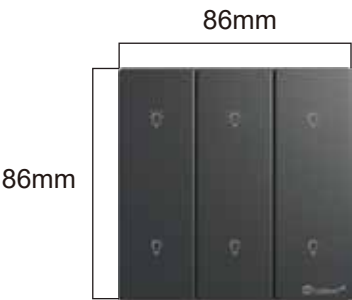


Blue



Purple

Specifications:



| Electrical        |                       | Wireless   |                                   |
|-------------------|-----------------------|------------|-----------------------------------|
| Operation Power   | 100-240V AC (50/60Hz) | Frequency  | 2.4GHz                            |
| Power Consumption | <1W                   | Connection | BLE 4.2                           |
| Max. Load (0-10V) | 100mA / 50 Bulbs      | Range      | Open Area: >50m / Interior: 3-20m |
| Max. Load         | 6A (Total)            |            |                                   |

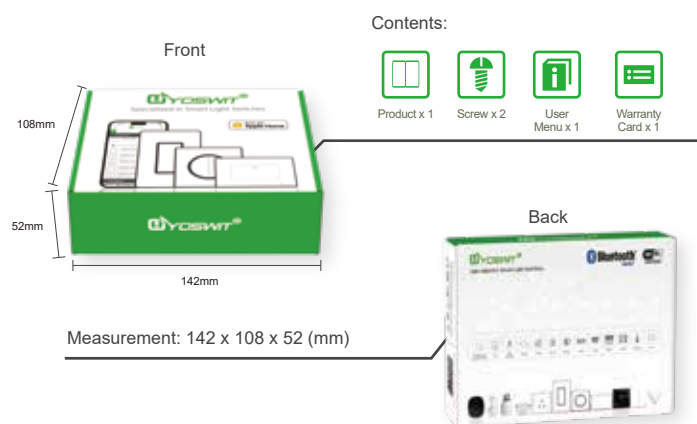
## General Specifications

|              |  |
|--------------|--|
| Product Name | Yoswit Smart 0-10V Dimmer Switch   |
| Model        | YO2086s-3GV (R2)-MEC-A   |
| Socket Type  | Socket 86  |
| EAN / UPC    | EAN: 0765756497879 / UPC: 765756497879   |
| Revision     | V7.0   |
| Compliance   | CE, FCC, RoHS  |
| Manufacturer | Designed by Yoswit in Hong Kong, China / Assembled in Guangdong, China                                   |
| Warranty     | Two Year Limited Warranty (*Details available on the Product Warranty and Limitations of this datasheet) |

## Mechanical

|                         |                          |
|-------------------------|--------------------------|
| Operating Temperature   | -10°C to 40°C            |
| Operating Humidity      | 0-95% RH, Non-Condensing |
| Operating Environment   | Interior                 |
| Operation               | APP / Manual             |
| Ingress Protection (IP) | 20                       |

## Product Package



## Outer Box



## Product Warranty and Limitations

Yoswit brand products guarantee for a period of 2 years warranty from the date of purchase. During the warranty period and in the event that a defective product is identified (non-human factors), Yoswit will provide free maintenance. Damage beyond the warranty period or caused by improper use is not covered within the warranty, Yoswit will not bear any responsibility for repair, and will still provide users with a lifelong maintenance of paid services. If the products need to be repaired or returned to our company, an appropriate fee should be charged based on specific situation to cover the cost of replacement. Regardless of the warranty status, all shipping costs are borne by users.

## LINCOGN TECHNOLOGY CO. LIMITED

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