

IBRIGHT SS-DIM01-Y

IBRIGHT Smart Wi-Fi Dimmer Light Switch (Model SS-DIM01-Y) User Manual

Your guide to installation, setup, and operation.

1. PRODUCT OVERVIEW

The IBRIGHT Smart Wi-Fi Dimmer Light Switch (Model SS-DIM01-Y) allows you to control your lighting with advanced features such as dimming, remote access via a mobile application, voice control through Amazon Alexa and Google Home, and programmable schedules. This switch is designed for both single-pole and 3-way applications and requires a neutral wire for installation. It operates on a 2.4GHz Wi-Fi network and does not require a separate hub.



Image 1.1: IBRIGHT Smart Wi-Fi Dimmer Light Switch and its retail packaging.

2. PACKAGE CONTENTS

The following items are included in your product package:

- 1 x Wall plate
- 1 x Mounting frame
- 1 x Smart switch
- 2 x Inner frame screws
- 2 x Mounting screws (preinstalled)

3. KEY FEATURES

- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.

- **Remote Control:** Manage your lights from anywhere using the IBRIGHT mobile application.
- **10%-100% Dimming Range:** Adjust light brightness to create desired ambiance. Note: Requires dimmable LED or incandescent/halogen bulbs.
- **Scheduling & Timer Functions:** Automate light operation based on your daily routine.
- **Brightness Memory Function:** Retains the last lighting setting after power interruption.
- **Single-Pole & 3-Way Applications:** Versatile installation options.
- **No Hub Required:** Connects directly to your 2.4GHz Wi-Fi network.
- **Safety Certifications:** ETL & FCC certified, featuring PC V0 flame retardant material and overheat protection.



Image 3.1: Overview of the IBRIGHT Smart Switch's multifunction capabilities.

4. INSTALLATION GUIDE

Important Safety Information: Before beginning installation, ensure the power is turned off at the circuit breaker. If you are unsure about electrical wiring, consult a qualified electrician.

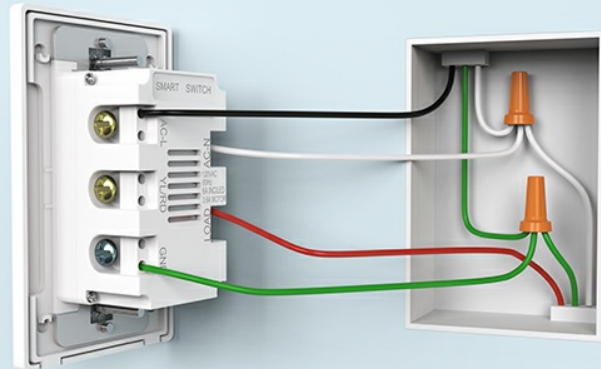
This smart switch requires a neutral wire for operation. Verify the presence of a neutral wire in your switch box before installation. If a neutral wire is not present, this switch will not function.

4.1 Identifying the Neutral Wire

1. Turn off power at your breaker box to the switch you intend to replace.
2. Carefully remove the wall plate over your existing switch.
3. Remove the screws from your switch and gently pull out the existing switch to expose the wires.
4. Look for a white wire or a group of white wires. This is typically the neutral wire.
5. If you do not find a neutral wire, this switch is not compatible with your current wiring.

FIND OUT THE NEUTRAL WIRE

- 1. Turn power off at your breaker box.
- 2. Take off the wall plate over your existing switch.
- 3. Remove the screws from your switch and pull out the existing switch to look at the wires.
- 4. If you see a white wire (or group of them), it is **HIGHLY** likely that you have a neutral in that switch box.
- 5. If you do not have a neutral wire, this switch will not work.



TIP:

Before you insert the wire, you must make sure that all the screws on the side of the switch are loosened. Otherwise, the wire may **SLIP OFF**.

Image 4.1: Illustration of neutral wire identification and basic wiring connections.

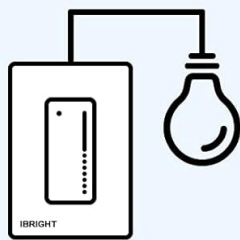
4.2 Wiring Instructions

Before inserting wires, ensure all screws on the side of the switch are loosened to prevent wire slippage.

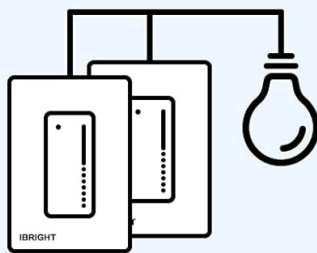
- Connect the **Live (Line)** wire to the terminal marked 'AC-L'.
- Connect the **Load** wire to the terminal marked 'LOAD'.
- Connect the **Neutral** wire to the terminal marked 'AC-N'.
- Connect the **Ground** wire to the terminal marked 'GND'.
- For 3-way applications, connect the **Traveler** wire to the terminal marked 'YLRD'.

This switch supports both single-pole and 3-way configurations. For 3-way setups, it can be used with another IBRIGHT smart switch or a traditional 3-way switch.

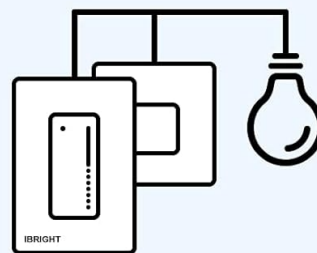
! Attention



Single Pole



3-Way Switch



3-Way Switch(One Traditional)



Install on the **live** side.



Single pole and **3-way** Smart Switch.



Check if your house have **Neutral Wire**.



Need **2.4G WiFi** and no hub required.

Image 4.2: Supported wiring configurations for the IBRIGHT Smart Switch.

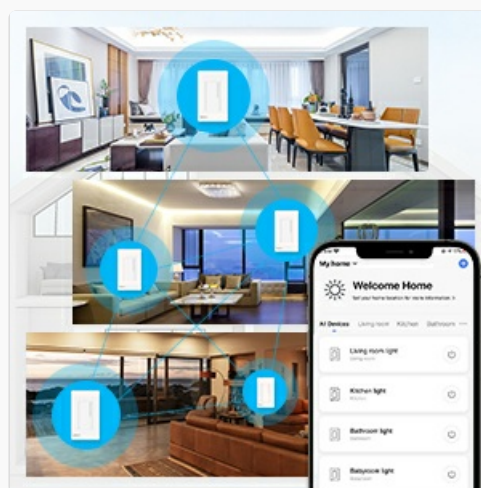


Image 4.3: Example of a 3-way installation with an IBRIGHT smart switch and a traditional switch.

5. APP SETUP AND WI-FI CONNECTION

To utilize the smart features of your IBRIGHT switch, you need to connect it to your mobile phone via the IBRIGHT application. Ensure your Wi-Fi network is 2.4GHz, as 5GHz networks are not supported.

1. Download the **IBRIGHT** app from the Apple App Store or Google Play Store.
2. Open the IBRIGHT app and tap "Add device" or the "+" icon to add a new smart device.
3. Select "Electrician" then "Switch (Wi-Fi)" from the device list.
4. Press and hold the power button on the smart switch for 5-10 seconds until the indicator light flashes quickly. This puts the switch into pairing mode.
5. In the app, select your 2.4GHz Wi-Fi network and enter the Wi-Fi password.
6. Wait for the connection process to complete (100%).
7. Once connected, you can edit the name of your light switch for easy identification.

You can now control your IBRIGHT smart switch via the app on your phone.

6. OPERATING INSTRUCTIONS

6.1 Dimming Function

The IBRIGHT smart dimmer switch offers a 10%-100% dimming range. Use the discreet slider on the switch or the app to adjust the brightness. This function is compatible with dimmable LED bulbs (up to 150 Watts) or incandescent/halogen bulbs (up to 450 Watts).



Image 6.1: Visual representation of the dimming range from 1% to 100%.

6.2 Voice Control

Integrate your IBRIGHT smart switch with Amazon Alexa or Google Assistant for convenient voice control. Follow the instructions within the Alexa or Google Home app to link your IBRIGHT account. Once linked, you can use commands such as:

- "Alexa, turn on the living room light."
- "Hey Google, dim the bedroom light to 50%."
- "Alexa, turn off the kitchen light."



Image 6.2: Voice control in action with Amazon Alexa and Google Home.

6.3 Remote Control

Control your lights from any location using the IBRIGHT app on your smartphone. This allows you to turn lights on or off, adjust brightness, or check their status even when you are away from home.

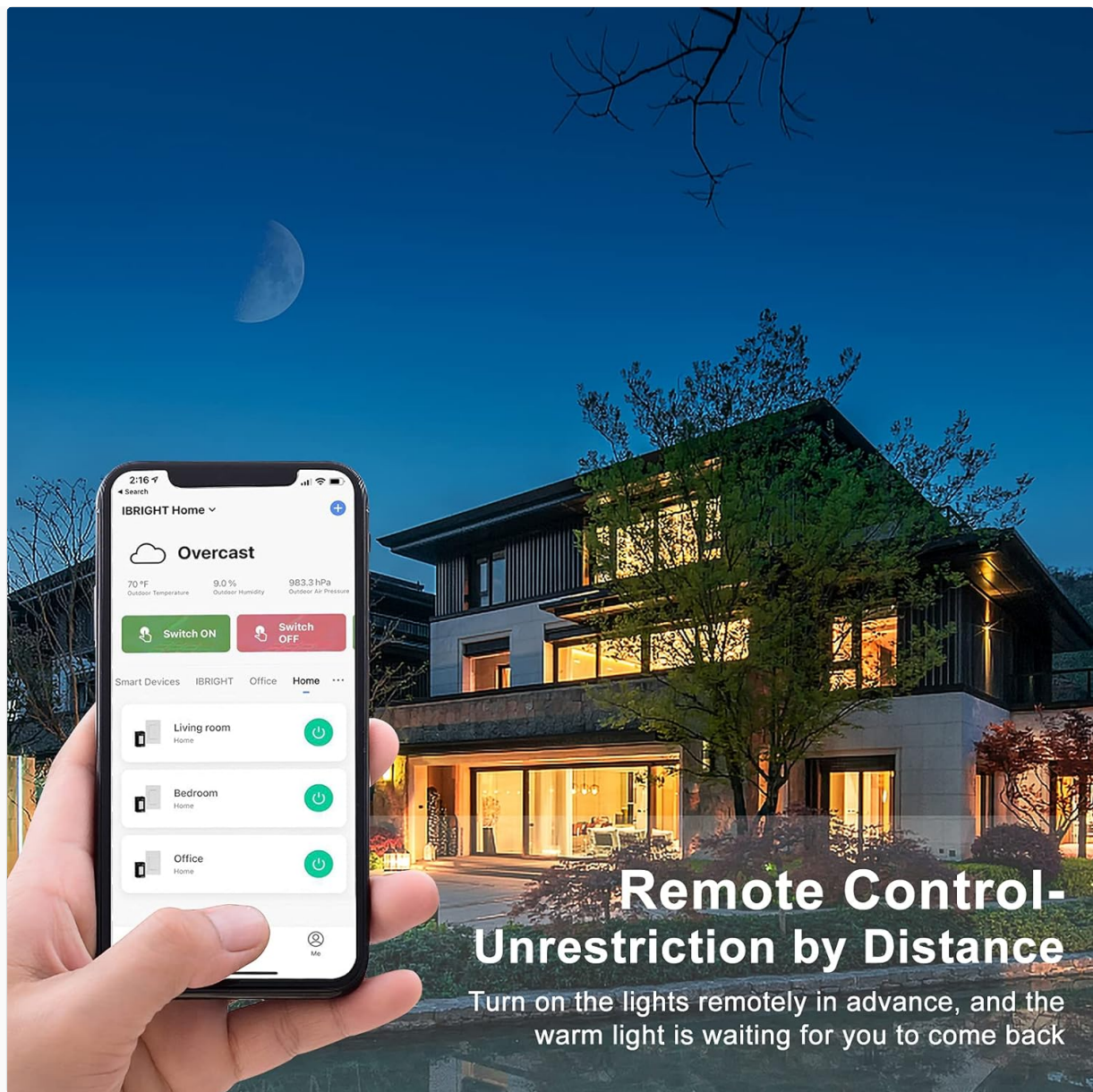


Image 6.3: Remote control of lights via the IBRIGHT mobile application.

6.4 Scheduling and Timer Functions

Set custom schedules and timers within the IBRIGHT app to automate your lighting. You can program lights to turn on or off at specific times, aligning with your daily routine.

- **Schedule:** Set lights to turn on/off at specific times (e.g., turn on at 7:00 AM).
- **Timer:** Set lights to turn off after a specified duration (e.g., auto-off after 10 minutes).

TIMER AND SCHEDULE

Let lights on/off automatically according to your personal schedule.



Timer

Auto-off 10 mins



Schedule

Auto-on 7:00 AM

Image 6.4: Examples of timer and schedule settings for automated lighting.



Image 6.5: Setting a schedule within the IBRIGHT app.

6.5 Group Control and Device Sharing

The IBRIGHT app allows you to group multiple smart switches for simultaneous control. You can also share control of your devices with family members.



Image 6.6: Group control of multiple IBRIGHT smart switches.

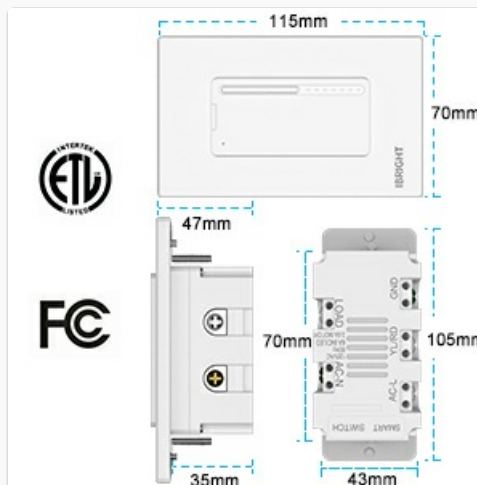


Image 6.7: Sharing control of IBRIGHT devices with family members.

7. COMPATIBILITY

- **Bulb Types:** Compatible with dimmable LED bulbs (up to 150W) and incandescent or halogen bulbs (up to 450W).
- **Incompatible:** Smart bulbs are not compatible with this product.
- **Wi-Fi:** Requires a 2.4GHz Wi-Fi network. Not compatible with 5GHz Wi-Fi.

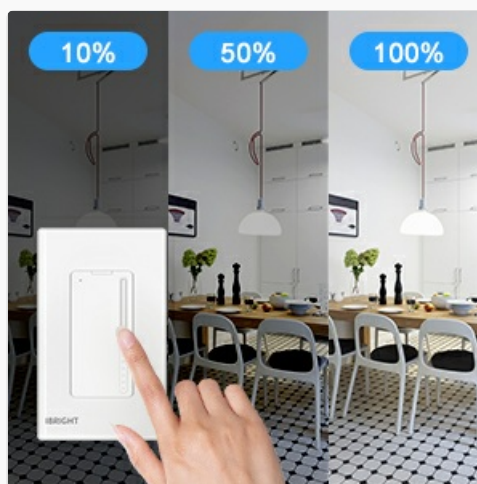


Image 7.1: Bulb compatibility for the IBRIGHT Smart Switch.

8. TROUBLESHOOTING

- **Switch Not Responding:** Ensure power is supplied to the switch. Check your circuit breaker.
- **Wi-Fi Connection Issues:**
 - Confirm your Wi-Fi network is 2.4GHz.
 - Ensure the switch is within range of your Wi-Fi router.
 - Verify the Wi-Fi password entered in the app is correct.
 - Try restarting your Wi-Fi router and the smart switch.
- **Dimming Not Working:**
 - Confirm that the connected bulbs are dimmable. Non-dimmable bulbs will not dim.
 - Check if the total wattage of connected bulbs exceeds the switch's maximum capacity (150W for LED, 450W for incandescent/halogen).
- **Physical Damage During Installation:** Exercise caution when connecting wires. Overtightening screws or applying excessive force can damage terminals. If damage occurs, discontinue use and contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	SS-DIM01-Y
Operation Mode	ON-OFF
Current Rating	1 Amps
Operating Voltage	120 Volts (AC)
Contact Type	Normally Closed
Connector Type	Plug In
Terminal Type	Screw
Dimensions (L x W x H)	4.52 x 1.79 x 2.75 inches
Circuit Type	3-way
Actuator Type	Flat
Contact Material	Plastic
International Protection Rating	IP20
Upper Temperature Rating	40 Degrees Celsius
Controller Type	Amazon Alexa, Google Assistant
Control Method	Touch
Connectivity Protocol	Wi-Fi (2.4GHz only)

Color	White
Wattage (Max)	150W (LED), 450W (Incandescent/Halogen)
Item Weight	5.9 ounces
Power Source	Corded Electric
Certifications	ETL, FCC



Image 9.1: IBRIGHT brand logo.

10. WARRANTY AND SUPPORT

The IBRIGHT Smart Wi-Fi Dimmer Light Switch comes with a limited 2-year warranty. You may register your product for an additional 1-year warranty. For warranty claims or technical support, please refer to the contact information provided with your purchase or visit the official IBRIGHT website.