# In-Wall Smart Switch User Manual



Product size: 86*86*44MM
Power Supply: AC 100-240V
Rated Frequency: 50/60Hz
Max Power: 800W/gang
Lamp power: 2W RGB+W
WiFi: IEEE 802.11 b/g/n
WiFi control method: Sub-control
Wireless Standard: WiFi 2.4GHz
App Support: iOS/Android

SSM86-01AI

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Power Supply: AC 100-240V
Rated Frequency: 50/60Hz
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Lamp power: 2W RGB+W
WiFi: IEEE 802.11 b/g/n
WiFi control method: Sub-control
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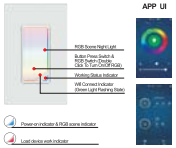
SSM118-01AI

APP UI

APP UI

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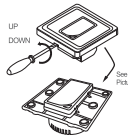
**1. Switch button and wiring instructions**

A. Switch button
1. Press/release to turn the switch on/off
2. Reset the light switch: Press button for 20 seconds till will signal flashes, which indicates a successful reset
3. Double click to turn on/off RGB

**2.1 EU/US Smart switch indicator description**

1. When the work indicator is in red, it means the switch is on.
2. When the work indicator is in the blue light, it means the switch is in the off standby state.
3. When the signal light is flashing green, the switch is in the state of fast distribution. Follow the instructions.
4. When the signal light is flashing green slowly, the switch is in the AP distribution network state, and the operation is prompted according to the instructions.
5. When the signal light is steady green, the switch cannot connect to the network. Please check the router network.

**2.2 EU Scene light smart switch installation mode**

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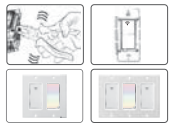
Use a screwdriver to open the left side and then open the right side.

**2.3 The side angle of the sheet metal can be disassembled, Can be combined 2gang, 3gang.**



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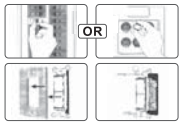
**3. US/EU Switch wiring installation**




**Warning-shock hazard**

Turn off the power to the branch circuit for the switch and lighting fixture at the service panel.
All wiring connections must be made after power down to avoid personal injury and / or damage to the switch.
This device is intended for installation in accordance with the national electric code and local regulations in the United States, or Canadian electrical code and local regulations in Canada.
If you are unsure or uncomfortable about performing this installation, consult a qualified electrician.

**Multi-switch wiring**

3 gang installation, please refer to add-on manual single switch wiring before you start: you may wish to change the paddle color to match your wall plate or decore.
Please proceed to section 5.

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1. Shut off the circuit power at circuit breaker or fuse box (IMPORTANT!!! Make sure the power is OFF to switch box before continuing.)
2. Remove wall plate
3. Remove the switch mounting screws
4. Carefully remove the switch from the switch box.
5. There are up to five screw terminals on the switch. These are marked
A. Switch button
1. Press/release to turn the switch on/off
2. Reset the light switch: Press button for 20 seconds till will signal flashes which indicates a successful reset
B. Ground wire (green/bare)
C. Neutral wire (white)
D. Live wire (black)
E. Load wire (black)

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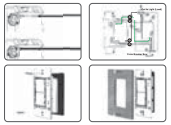

Simplified steps to install the App on your smart device and pair with Amazon Alexa, Google Assistant and IFTTT using Smart Life App on Apple Store/Google Play Store. Compatible with any smart phone or tablet including both Android and iOS systems.

1. Download Smart Life from iOS APP Store or .
Download or scan the QR code and install the Smart Life App for either iOS or Android.
Once downloaded, the app will ask you to register your device. Enter your phone number or email which ever one makes you feel comfortable and select the country you live in. If phone number selected you will receive a text with a registration code.
If you choose email you will then create a password.

Attention: There's no Registration code needed if email method chosen.

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Attention: there're two modes for configurations(Quick Mode/ AP Mode) available for you to choose before adding the device to your App. Quick Mode is recommended.

**Quick Mode Configuration (Common)**

1. Make sure quick mode configuration is initiated: the indicator light blinks blue rapidly (twice per second). If it blinks blue slowly (once every 3 seconds), press and hold the power button on your Smart Switch for 20 seconds until the indicator light blinks rapidly.
2. Tap the icon "+" on the top right corner of choose your device type and enter "Add Device"

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3. Follow the in-app instructions to connect the Smart Switch to your Wi-Fi network.

4. Once connected, the App will prompt the connection, and click "Done".
5. Now you can control the smart switch through Smart Life App.
6. Once the configuration is completed successfully, the indicator light will turn to solid red and the device will be added to the "Device List".

**AP Mode Configuration**

1. Make sure AP mode configuration is initiated: the indicator light blinks green slowly (once every 3 seconds). If it blinks blue rapidly (twice per second), press and hold the power button on your Smart Switch for 20 seconds until the indicator light blinks slowly.

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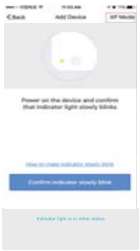
2. Tap the icon "+" at the top right corner of "Start your smart life" tab and then click "AP Mode" at the top right corner of "Add Device" tab to add device.

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Please note: you can add the Smart Switch to Echo/Google Home following this instructions below, or one on the App (Open Smart Life App, go to "Profile" -> "Integration" .tap"Amazon Echo"or"Google Home"and install).

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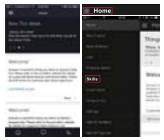
**How to connect your Smart Switch to Amazon Alexa**

1. Launch Smart Life App, sign in your account and make sure your Smart Switch is in your device list.
2. Name each device, such as living room light or bedroom light, so that Alexa can easily recognize them.
3. Minimize Smart Life App, then launch the Alexa App and sign in your Alexa account and make sure you have at least one Alexa voice-controlled device installed like Echo, Echo dot, etc.
4. In the upper left corner of Home page, click button to show App menu. Then clicks in the menu.

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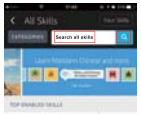
5. Type in "Smart Life" in the search and click the search button.




6. Enable Smart Life, then sign in your Smart Life account to complete the account linking.

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7. After successful account linking, ask Alexa to discover devices. After a 20-second device discovery, Alexa will show all the discovered devices.

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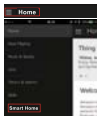
8. Back to Menu by clicking button, and then click Smart Home button.




9. In Smart Home page, you can group your devices for different categories. Your Smart Life APP has been skilled with Alexa. Now you can control your Smart Switch via Alexa.

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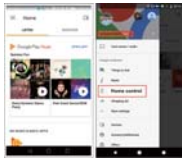
**How to connect you Smart Switch to Google Home**

1. Launch the Google Home App and make sure Google Home speaker is installed. If not,please follow the Google Home Speaker installation to install it first.
2. Once Google Home is installed, in the upper left corner of App Home page, click button to show App menu. Then clicks "Home Control" in the menu.



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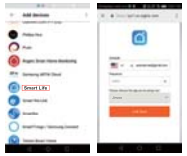
3. On "Add devices" page, scroll down to find "Smart Life" and then click it. Sign in Smart Life App with your Smart Life App account and password choose Smart Life App in the dropdown menu to complete the account linking.




4. After successful account linking, in Google Home App you can see all the smart devices from your Smart Life App account. You can assign rooms for each device.

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5. Now you can use Google Home to control your smart devices, you can say like:

*Ok Google, turn on/off wall light*
*Ok Google, set bedroom light to red*

**5.2 Command the Device through Your Voice**

After complete the above operations, you can control the device via Google Home.
Firstly, you need to say "Ok Google, talk to Smart Life" to wake up theSmart Life.
Then you can control devices by instructions like these:

•If Turn on Smart Switch
Turn off Smart Switch

Attention: after Smart Life has been waken up, you can say "Cancel" or "Stop" to exit Smart Life or say "nothing" when you hear "What can I do for you". Then says again "Ok Google, tele to Smart Life"to start voice control.

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## 6. IFTTT - Setup and Usage

**Get Started: How to connect Smart product to IFTTT?**

**Step 1.**
Visit the IFTTT official website on your PC and sign in with your IFTTT account.
Note: You can also use IFTTT app and follow similar steps to connect your device to the IFTTT. In this FAQ we take the website setting method for example.

**Step 2.**
"Search" for "Smart Life", and then click "Smart Life" service.

**Step 3.**
Click "Connect", then login your Smart Life ID and then tap "Link Now".

**Step 4.**
Successfully connect your IFTTT account to your Smart Life ID, You are ready to enjoy the IFTTT service of products now.

**Instructions: 2 methods to use IFTTT with Smart products.**

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**Method 1:** On Smart Life service page, choose an existing Applet you need, turn on it and then finish the configuration.

**Method 2:** Create a new Applet on your own.
Click "My Applets" at the top and then click "New Applet" at theright top corner of the webpage to create a new Applet.

**Step 1.** Create a Trigger.
Tap "this" to choose a Trigger, You can search for"Weather Underground" to choose a Trigger.

We select "Sunset" as the Trigger.

**Step 2.** Create an Action.
Tap "this" to choose a Action, You can search for"smart life" to choose a Smart Life Action.

We select "Turn on" of Light Switch as the Action in this case.

**Step 3.**
New Applet "If sunset, then turn on Light Switch" is created as a result.

**Note: The Smart Life service can only works when create an action. You can't use the 'Smart Life' as a Trigger.**

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**Troubleshooting and FAQ**

**1. What devices can I control with the Smart Switch?**
You can control lights, in accordance with the Smart Switch specifications.

- Check if router's wireless MAC filtering function is enabled. Remove the device from filter list and make sure the router is not prohibiting Mini Smart Switch from connection.

- Make sure the password of your Wi-Fi network entered in App is correct when adding Smart Switch.
- Make sure the Smart Switch is ready for App-Config: the indicator light is quickly blinking blue (twice per second) for Quick mode configuration. slow blinking blue (once every 3 seconds) for AP mode configuration.
- Repeat the App-Config process.
- Factory reset the Smart Switch and try to add it again.

**Electro-Optical Characteristics(Temperature=25℃)**

| Parameter | Symbol | Condition | Min. | Typ. | Max. | Unit |
|---|---|---|---|---|---|---|
| Reverse Current | IR | VR=5V | 0 | / | 10 | Ua |
| Forward Voltage | VF | IF=20mA | R:1.8<br>G:2.5<br>B:2.5 | R:2.2<br>G:3.2<br>B:3.2 | R:2.5<br>G:3.5<br>B:3.5 | V |
| Wavelength | λP | | R:620<br>G:520<br>B:460 | R:630<br>G:525<br>B:470 | R:630<br>G:530<br>B:470 | nm |
| Luminous Intensity | IV | | R:300<br>G:1200<br>B:110 | R:150<br>G:2400<br>B:150 | R:150<br>G:2400<br>B:150 | mcd |
| Power Dissipation | PD | | / | R:75<br>G:75<br>B:75 | / | mW |
| View Angle | 2θ1/2 | | / | 120 | / | deg |
| Operating Temperature | Topr | | -30~+80 | | | ℃ |

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- Check whether the router's connected devices reach the amount limit, Please try to turn off some devices' Wi-Fi function and configure Smart Switch again.
- Check if router's wireless MAC filtering function is enabled. Remove the device from filter list and make sure the router is not prohibiting Mini Smart Switch from connection.

**2. What should I do when I cannot turn Smart Switch on or off ?**

- Make sure your mobile devices and the Smart Switch are connected to the same Wi-Fi network.
- Make sure the devices connected to the Smart Switch are turned on.

**3. What should I do when device configuration process has failed?**
You could:

- Check whether the Smart Switch is powered on or not.
- Check whether your mobile device is connected to 2.4GHz Wi-Fi network.
- Check your network connectivity, Make sure the router is working properly:
  - If the router is dual-band router, select 2.4G network and then add Smart Switch.
  - Enable the router's broadcasting function.
  - Configure the encryption method as WPA2-PSK and authorization type as AES, or set both as auto.
  - Wireless mode cannot be 11n only.
  - Check for Wi-Fi interference or relocate the Smart Switch to another location within the signal range.

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## Warning:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20Cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter