



Eco-Newleaf D2100W Wireless Switch Receiver Controller Installation Guide

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ECO-NEW/LEAF

Wireless Switch/Receiver Controller

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D2100W Wireless Switch Receiver Controller



Installation Guide



To avoid electric shock while installing the Receiver, please disconnect the mains voltage (switch off circuit breaker) before installation. Failure to observe the installation instructions can cause fire or other hazards. Do not attempt to service or repair the product yourself.

We recommend the installation by a qualified Electrician only. Do not continue to operate the product if it becomes visibly damaged.

*Work on 100~250V mains supply shall only be carried out by Licensed Electricians.

Important note: Wi-Fi frequency is 2.4GHz and not 5GHz (5GHz not supported). You can do this by contacting your broadband service provider and requesting to either switch to 2.4GHz entirely or split it between 2.4GHz and 5GHz.

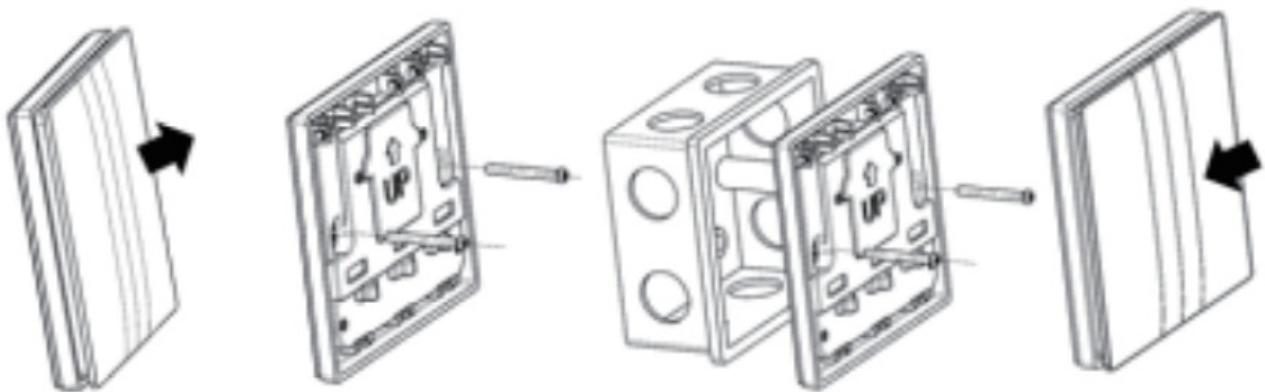
Switch Technical Parameters

- Work Type: Reciprocating work by 86 type lever
- Power Model: Power generation by mechanical force
- Work Frequency: 433MHz
- Number Keys: 1, 2, 3 keys
- Color: White/Black/Silver
- Lifetime: 100,000 times
- Distance: 30m(indoor), 80m(outdoor)
- Waterproof Level: IPX5
- Weight: 80g
- Certification: CE, ROHS, FCC, UKCA
- Dimension: L86mm * W86mm * H14mm



Installation method of stainless steel fixed plate

- Open the switch panel.
- Fix the base on the wall (expansion screw sleeve is needed) or fixture.
- Fix it, install the button shell to the base shell.



Installation method of Double-sided adhesive tape

- Paste the double-side adhesive on the back of switch.
- Clean the wall or glass surface to paste the switch on it.

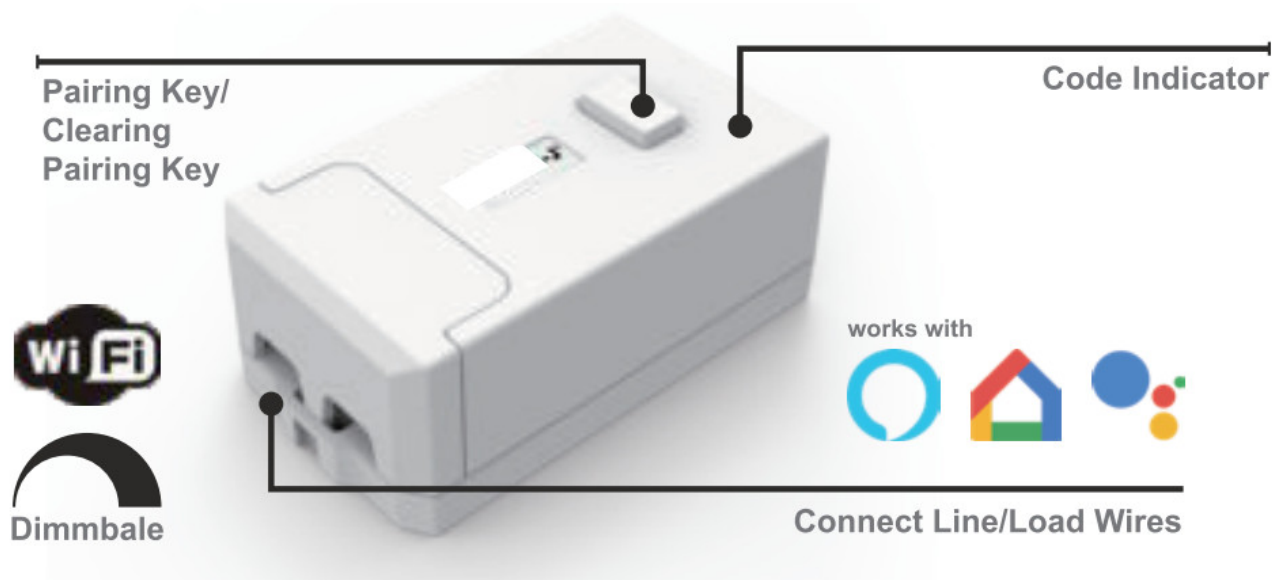


Important note: There are precision parts inside the switch. When installing, it is strictly prohibited to dismantle the panel.

Receiver Technical Parameters

For Dimmable + Wi-Fi Receiver

- Model No: D2100W
- Power Consumption: <0.1W
- Working Temperature: -20°C – 55°C
- Storage Capacity: 6 switch-keys
- Power Model: AC 100-250V, 50/60 Hz
- Distance: 30m(indoor), 80m(outdoor)
- Color: White
- Max Power: 100W
- Weight: 64g
- Comm: ASK / 433MHz / WiFi 2.4G
- Certification: CE, ROHS, FCC, UKCA
- Dimension: L76mmxW44mmxH32mm



*Alexa and Google Home compatible only with our Wi-Fi Receiver Module C3101W & D2100W

Do not place Receiver controller in metal enclosure.

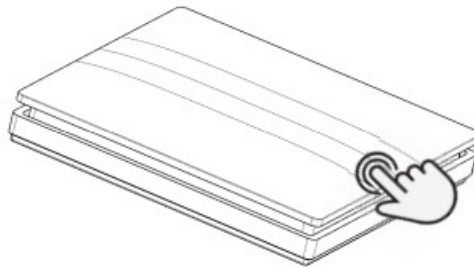
Important note: Isolate power before connecting receiver. Failure to do so can cause electric shock, fire or other hazards.

Instruction of Dimming Function

- D2100W uses triac components and supports linear dimming lamps. E.g. incandescent lamps, the linear dimming LED lamps (work voltage 100-250V)...
- D2100W only can work with switch model:
 - S301, S302, S303;
 - S311, S312, S313;
 - S321, S322, S323;
- How to use it?
 1. Paired with switch (RF pairing way please refer to step "12. Switch Pairing Method")

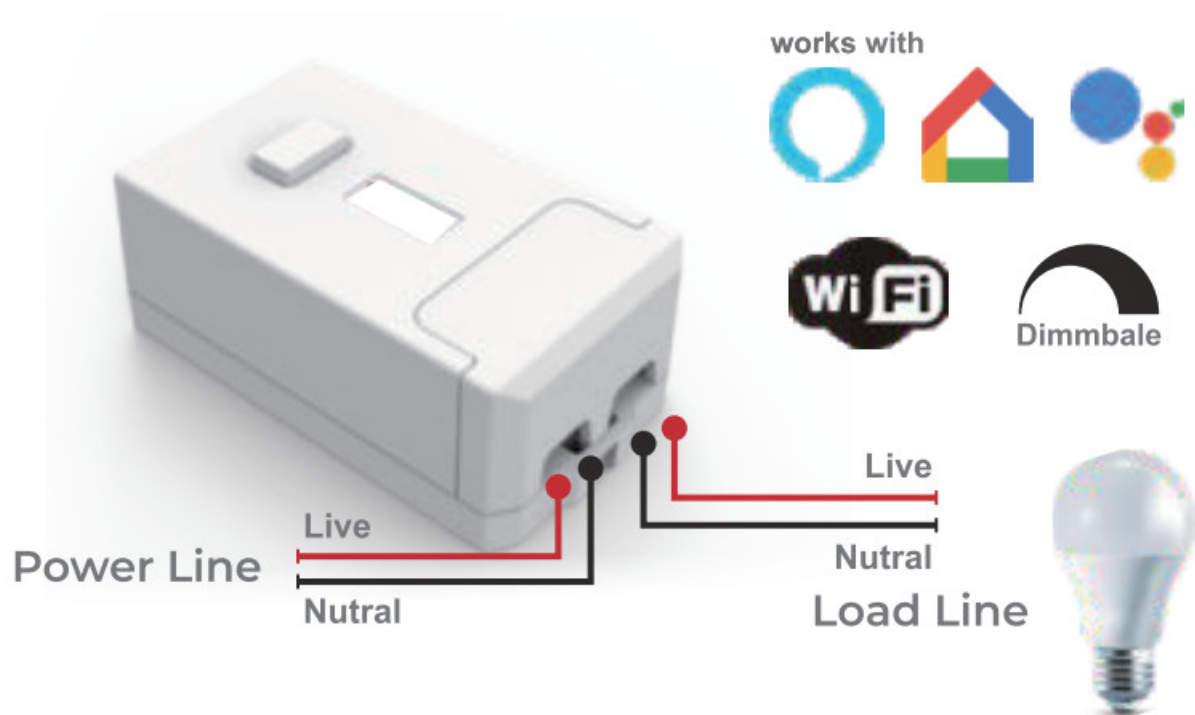
2. Long press the paired switch to adjust the lamp brightness, Release the switch when brightness reach your desired percentage. Also can use mobile APP or Alexa voice control lamp brightness.

***Note:** Make sure the light is off before long pressing the switch.

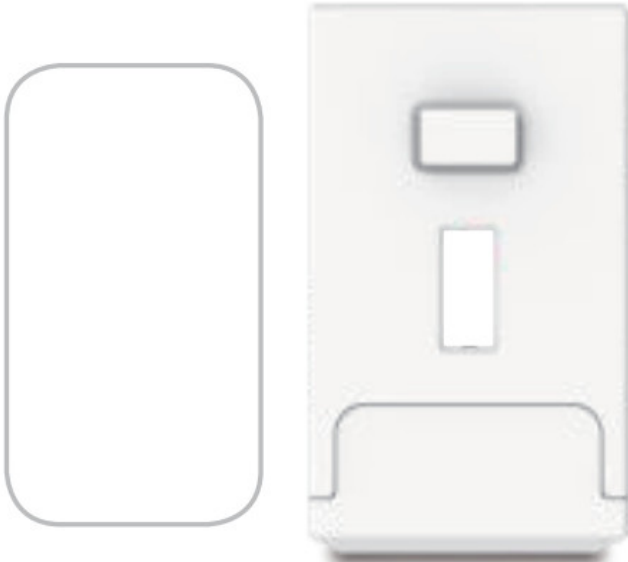





long press to enter dimming mode

Installation method and Combination Method



NOTE: FIT FOR C3101R, C3101W, C3161R, D2100W

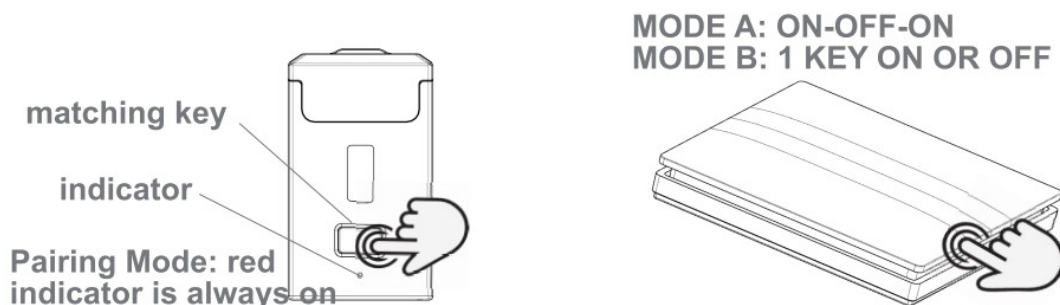
	
<p>Installation method 1: Paste with double-side adhesive tape on clean surface</p>	<p>Installation method 2: Fix into expansion screw in the wall.</p>
	
<p>Multi control one: Maximum 6 switch-keys control one controller</p>	<p>One control multi: (One switch key can control 5 controllers).</p>

Important note: Isolate power before connecting receiver. Failure to do so can cause electric shock, fire or other hazards.

Switch Pairing Method

- Applicable receiver model:C3101R,C3101W, D2100W
- Conect receiver to AC 100-250V Supply

- Hold Matching key about 3s, to enter pairing mode when red indicator is always on, then release it.
- MODE A: Press switch once, we can see the red indicator will blink once, and waiting indicator turns off. Then pairing process is done.
- MODE B: If want to the function for one button on or one button off, should press switch 3 times quickly when receiver enter pairing mode. And it only work with 2 gang & 3 gang switches. Clear pairing to reset the mode. (Only fit for C3101R, C3102R, D2100W, C3161R)



Clear pairing

- Long press matching button, until the red indicator from on to off then release it, cleared when it blinks 3 times.

Connect Wi-Fi C3101W&C3102W&D2100W

- Download the SMARTLIFE App from the Apple app store or the Google Play store. Or scan the QR code below.

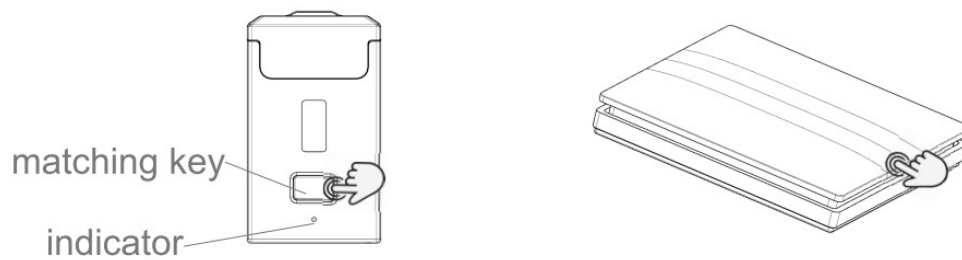


<https://smartapp.tuya.com/smartlife>

- Start the SMARTLIFE.
- If you're using it for the first time, you'll have to register and create a new account. If you already have an account, log in using your login details.
- After installation of the Receiver & Switch (by a qualified electrician). Long Press the matching key, until the blue indicator is blinking then release it to enter WiFi pairing mode.
- In the APP, select the "+" or add "equipment" at the top right of the home page. Select "Electrician" from left side menu, then select "Switch (Wi-Fi)".
- Now enter the name of your Wi-Fi network and the password to confirm. (Note: To be sure the Wi-Fi account or

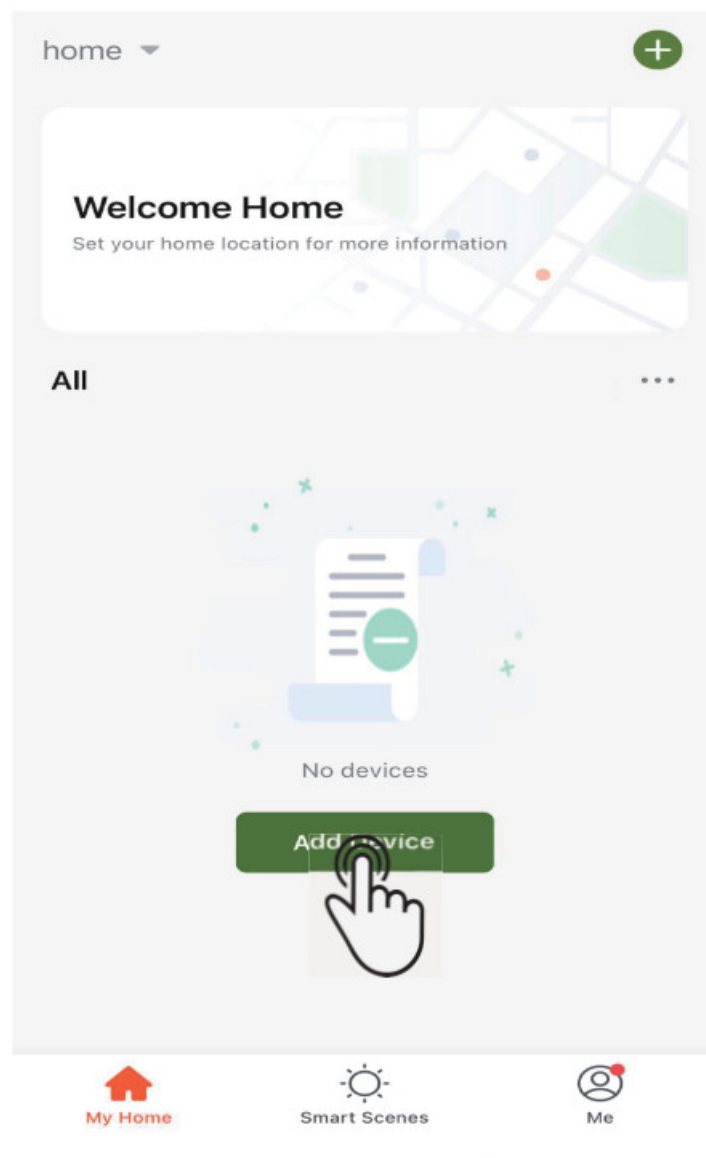
password is entered correctly.)

- The APP will automatically register your device to the network. Once complete you will be directed to the device operation screen. Here you are can edit parameters such as name, device location, assign to a room or group etc.



Important note: Wi-Fi frequency is 2.4GHz and not 5GHz (5GHz not supported). You can do this by contacting your broadband service provider and requesting to either switch to 2.4GHz entirely or split it between 2.4GHz and 5GHz.

1. ADD DEVICE



2. FIND DEVICE



Add Device



Searching for nearby devices. Make sure your device has entered [pairing mode](#).

Discovering devices...



Add

Add Manually

Electrical

Socket

Lighting



Sensors

Plug
(BLE+Wi-Fi)

Socket
(Wi-Fi)

Socket
(Zigbee)

Large Home Ap...



Small Home Appliances

Socket
(BLE)

Socket
(NB-IoT)

Socket
(other)

Kitchen Appliances

Power Strip

Exercise & Health



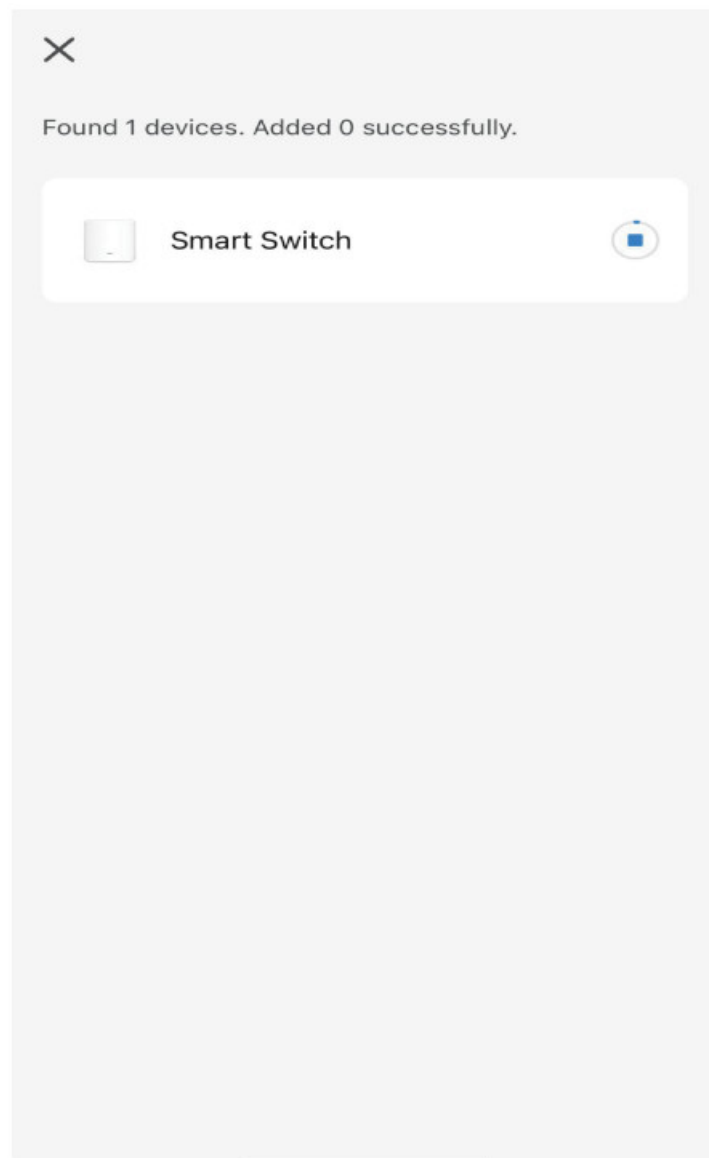
Security & Video Sur...

Power Strip
(BLE+Wi-Fi)

Power Strip
(Wi-Fi)

Power Strip
(Zigbee)

3. CONNECTION PROCESS



4. ADD DEVICE SUCCESSFUL

Added.



Smart Switch 

Adding device succeeded.



Third Party Control Overview:



If you're new to Echo, it's a super smart speaker from Amazon that responds to your voice. Once you've bought Amazon Echo and downloaded the SMARTLIFE App, you'll need to enable...

1. Enable the SMARTLIFE App

In your Alexa app, tap Skills in the menu and search for SMARTLIFE. Tap Enable.

2. Link Account

Enter your SMARTLIFE App username and password and follow the onscreen instruction.

3. Talk to Alexa

Now the fun part Ask Alexa to control your SMARTLIFE device. Check a full list of things you can control by clicking [here](#).

Third Party Control Overview:



Now you can use Google's voice-activated speaker to control your Smart Home Sockets and adaptors. With the Google Assistant, you can turn on lights without pressing a button.

1. Setup

Start by getting the Google Home app and setting up your Google Home if you have not done this already.

2. Add SMARTLIFE Action

In the Google Home app, tap the menu icon and select Home Control. Then tap the + button to see a list of Action tapping SMARTLIFE to select the Action.

3. Link you SMARTLIFE Account

Now follow the in-app instructions to link you SMARTLIFE App account. Once complete you'll be able to say "Okey Google, turn my lamp on" or "Okay Google, set hallway to ON/OFF".

Thank you for choosing US!

Customer satisfaction is our J6R priority, please let us know how you felt about your experience. Happy? We are so happy that you are pleased with our product. Feel free to express your newfound joy! Share your experience by writing a review.

Not Happy? If you are not fully satisfied with the item you received, have any problems like damages, or questions, please contact us.

We typically respond within 24-48 hours.

Caution

Products should be installed as per the instructions mentioned in this manual and also as per current electrical codes National Electric Code (NEC). To avoid the risk of fire, electrical shock Or injury, it is advisable that the installation is done by a trained Electrician. Also it is important that mains power supply is switched off before the product is installed or repaired. It is advisable to keep the manual for future reference.

Please Note

Wi-Fi frequency is 2.4GHz and not 5GHz (5GHz not supported). You can do this by contacting your broadband service provider and requesting to either switch to 2.4GHz entirely or split it between 2.4GHz and 5GHz.

If despite following the process as instructed above, you still fail to add the device, then possibly there is a firewall on your Wi-Fi router blocking this device to be connected to your Wi-Fi Router. In such a case you would need to disable the firewall, add this device following above process and once the device is added, enable the firewalls back again.

Helpful

Technical Services support: surpport@eco-newleaf.com

Documents / Resources



[Eco-Newleaf D2100W Wireless Switch Receiver Controller](#) [pdf] Installation Guide
D2100W Wireless Switch Receiver Controller, D2100W, Wireless Switch Receiver Controller, S
witch Receiver Controller, Receiver Controller, Controller

References

- [New Leaf - New Leaf Community Markets | Grocery Stores in Northern California](#)

- [User Manual](#)

Manuals+.