

Aqara Light Strip Driver Introduction

Content

- **Product Introduction**
- **Product Installation**
- **FAQ**

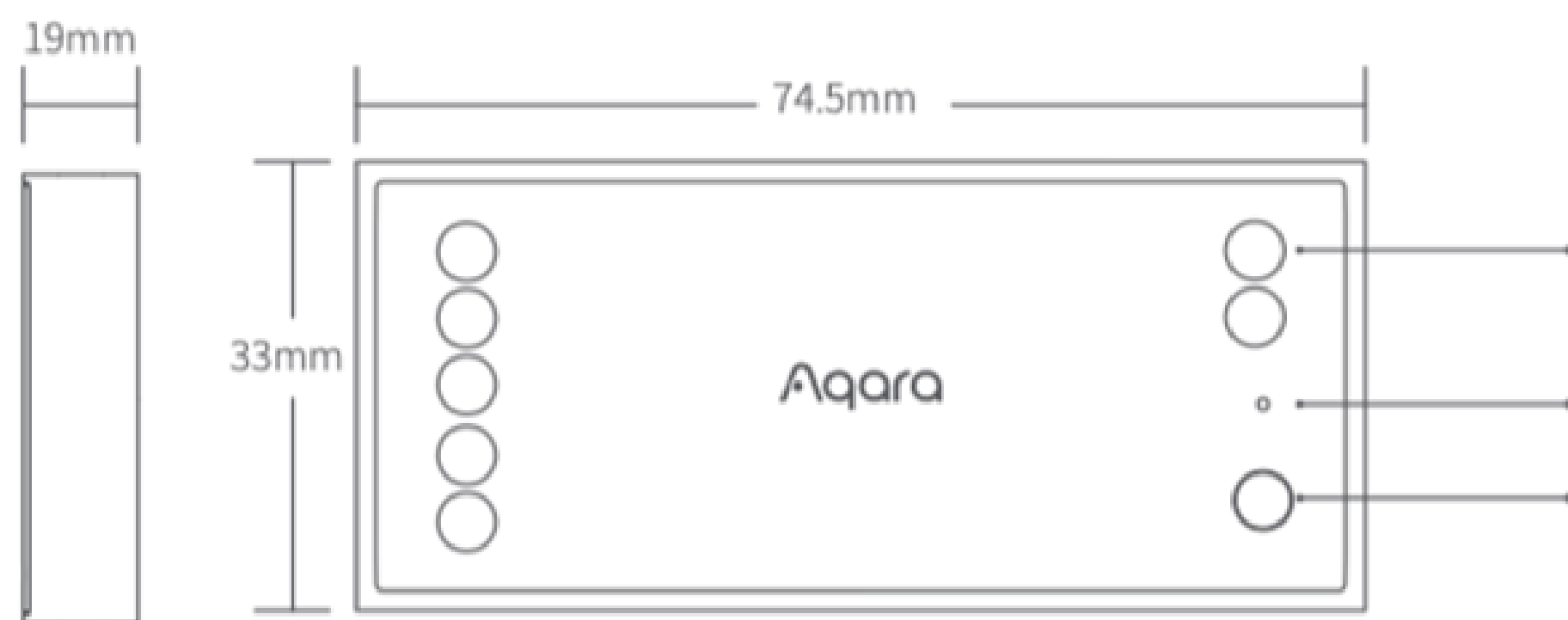
Product Profile



The Aqara light strip driver module is a product that can control the LED light strip switch and adjust the brightness, color, or color temperature of the LED light strip. The product can support different types of light strips, but it requires switching device modes; The Aqara light strip driver module needs to be paired with a product with hub function. After connecting to the hub, the LED light strip can be remotely controlled and adjusted through the app, and timing control can be set. It can also be combined with other smart devices to achieve more linkage control effects, such as using a cube controller to rotate the cube controller to adjust brightness or color temperature.



*An Aqara Hub is required.



Power wiring terminals

Indicator light

Button

Short click once: turn on/off

Short click 3 times: connection distance verification

Long press 5 seconds: Binding device/reset

Product Features

Aqara

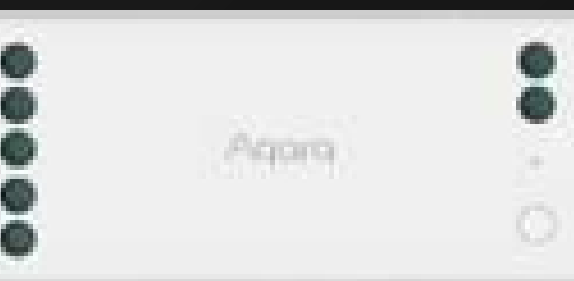
The Aqara smart light strip driver module can be used with dual color temperature light strips or RGBW light strips, and can be configured with Cube or knob switches for adjustment to achieve the best light environment.



Cube



Knob Switch



Light Strip Driver



Light Strip

Product Features



In home scenarios, users can use the Aqara smart light strip driver module to combine a dual color temperature light strip to build night lights under the bed. Through human body sensors and door and window sensors, the night lights can be linked and turned on at night, ensuring that lighting does not irritate the human body at night.



Motion Sensor



Light Strip Driver

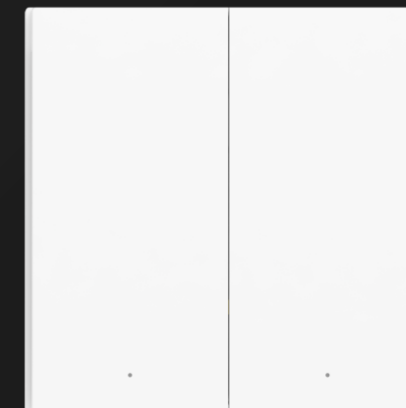


Light Strip

Product Features

Aqara

Light strips can also be used for ambient lighting, and are usually installed on the ceiling of the living room. User can choose between the Aqara light strip driver module and the RGBW light strip combination, and then users can use the wireless switch to activate the reception mode and entertainment mode with one click on button.



Wireless Switch



Light Strip Driver

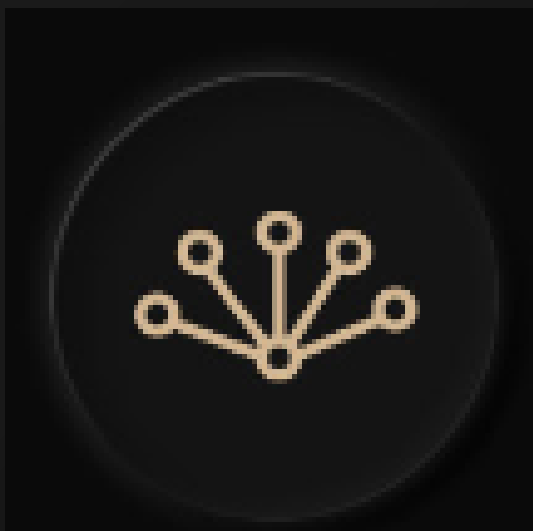
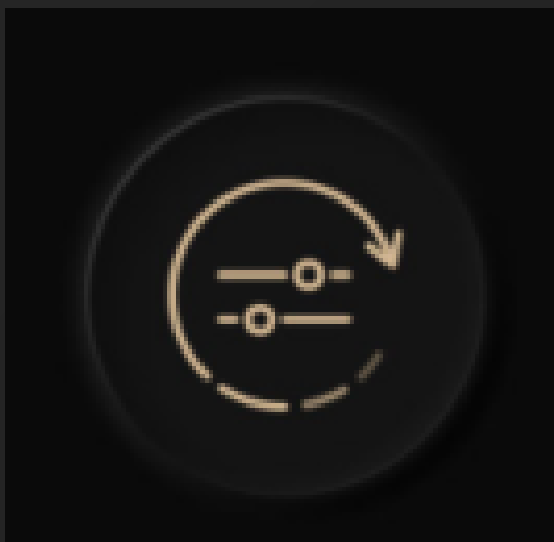


Light Strip

Product Features



Multiple control



Infinite smooth adjustment

Color temperature and brightness can be adjusted freely

Multi mode free switching

Supports RGBW, dual color temperature light strip

Adaptive Lighting

Custom dynamic dimming

Personalized dimming application

Reach Automation

Zigbee 3.0



Voice control



App control



Gesture control



Automation control

Product Features

Aqara

Multiple control



Voice control



App control



Gesture control



Automation control

Product Specifications



Product name	Parameter
Product Dimensions	74.5*33*19mm
Wireless Protocol	Zigbee 3.0
Operating voltage	12-24VDC
Operating Current	Max.12A (Total) , Max.6A (Single)
Output Voltage	Max.144W @DC12V, Max.288W @DC24V
Operating Temperature	ta:40°C, tc:75°C
Operating Humidity	0-95% RH, No condensation

Buttons and Indicator Lights



Button Action	Action Function
Single Click	Open/Close
Triple Click (unbinded)	Enable to bind device
Triple Click (binded)	Find device
Long Press	Reset device

Indicator Light	Action Function
Slow flash in Red	The device is in binding state
Quick Flash in Blue	The device has entered binding state
Quick Flash in Purple	Binding
Blue constant light with slow flash in red	Device offline
Blue constant light	Zigbee network connection is normal, device is functioning normally.
Quick Flash in Red	Device is over temperature or overload

Content

- **Product Introduction**
- **Product Installation**
- **FAQ**

1. The Aqara smart light strip driver module cannot be directly connected to the AC power, a power converter must be used. The input voltage range of the Aqara light strip driver module is DC 12V-24V;
2. The maximum output current of the Aqara light strip driver module is 12A, and the maximum output current of a single circuit is 6A. Please choose the length of the light strip according to the specifications;
3. The mode selection of the Aqara light strip driver module requires the device to be connected to the network before it can be selected. After selecting the mode again, the device will restart. After selecting the device mode, resetting the device does not change its mode, and modifying the mode can only be done through the App or IoT platform;
4. The corresponding mode needs to be connected to the corresponding type of light strip, otherwise control abnormalities will occur;

Product Installation



1. The input voltage of the Aqara intelligent light strip driver module is 12-24V, so a power adapter or power converter is required; The specific voltage specifications need to be determined based on the light strip connected to the driver module;
 - *If the light strip is 12V, choose a 12V output power supply;



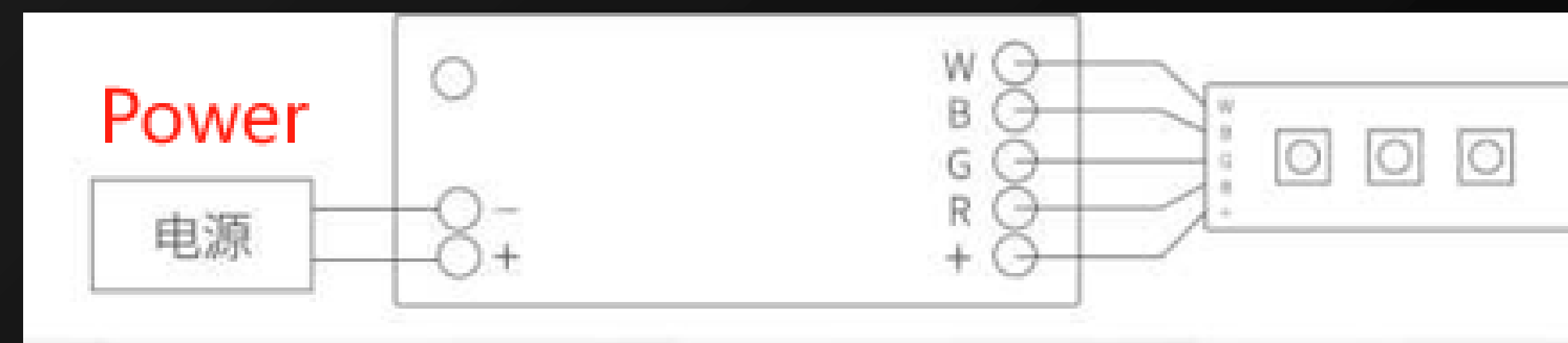
2. One end of the power supply is connected to the AC power, and the other end is connected to the Aqara light strip driver module. Pay attention to distinguishing between the positive and negative poles of the power supply;

3. Connect the other end of the Aqara light strip driver module to the light strip, as shown in the diagram

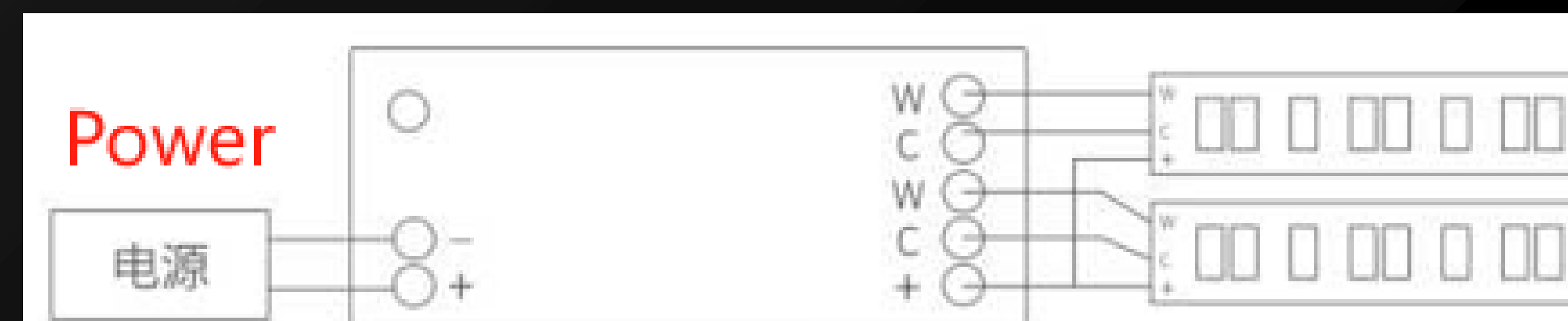
Please Note:

Device is set to RGBW mode in default, please switch to other mode with Aqara APP according to user's preference.

RGBW light strip wiring guide



Dual Color Temperature strip wiring guide



4. Check the wiring, confirm if it is correct, check the installation environment for any safety hazards, and then connect the main power supply;

5 After turning on the device power, if the indicator light flashes slowly in red, it indicates that the device has not completed binding. You can add the device according to the following steps; If the indicator light does not light up, you can click the button and observe the changes in the indicator light. If the indicator light does not light up after clicking, it is recommended to recheck the wiring;

Add device

1. Open the app, click on the "+" button in the upper right corner of the homepage to enter the Add Device (Accessory) page, select the Aqara light strip driver module, and follow the app prompts to operate;

*If the addition fails, it may be due to the distance between the device and the gateway being too far. It is recommended to shorten the distance between the device and the gateway.

*Effective distance verification: Quickly press the button 3 times, and the gateway emits a prompt sound, indicating that the communication between the device and the gateway is normal.

2. If the device needs to use other modes, please choose to switch to other modes in the device's more settings after the device is binded. The device supports RGBW light strips by default. Please switch to other modes when connecting other types of light strips.

Please Note:

Device is set to RGBW mode in default, please switch to other mode with Aqara APP according to user' s preference.

Content

- **Product Introduction**
- **Product Installation**
- **FAQ**

1. The device will automatically turn on and off the lights?

1. Please confirm if the lighting fixtures are used in HomeKit and if there is an adaptive function turned on
2. Please confirm if any related automation has been set up in Mijia or Aqara Home or HomeKit, especially in the recommended scenario of "people coming with lights on" in Mijia App and the recommended automation section configuration in Aqara Home App. This can be compared through the time point of intelligent log execution to confirm if it is caused by automation execution
3. Please power off the gateway for 3 minutes and power on again to clear the cache
4. Reset the lighting fixtures and add them again to observe if there will still be automatic light on/off situations
5. Please check if it is paired with a non neutral smart wall switch. Please replace it with a regular switch or a neutral switch for use.
6. Please confirm if the hub, lighting fixtures, and APP versions are the latest. If not, please upgrade to the latest version
7. If the above steps have been investigated, please record the automatic on/off log time, device ID, and bulb naming for technical team to investigate.

2. Unable to adjust color temperature and brightness?

1. Please check if the lighting fixtures can be controlled on/off in the APP to determine if they are online.
2. Please check if the firmware version and app version of the lighting fixture are the latest version.
3. Please check if it is paired with a non neutral smart wall switch. Please replace it with a regular switch or a neutral switch for use.
4. Please reset the lighting fixtures and try adding them again.

THANKS