

iH1W & iM1W Manual

APP download

Scan QR code or click button to download “Tuya Smart” app



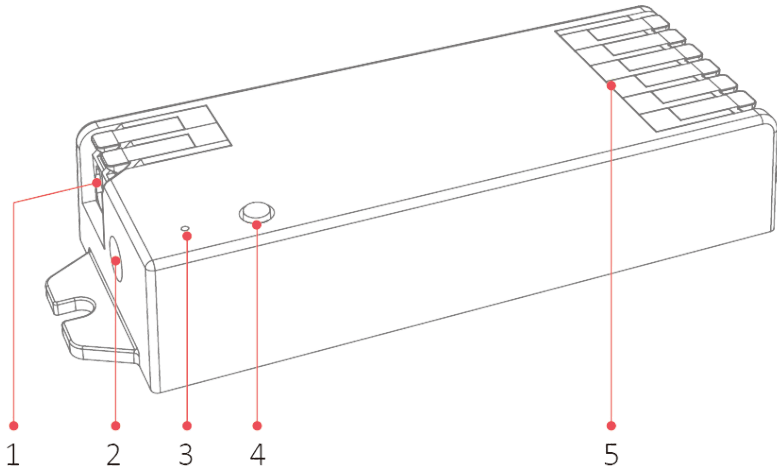
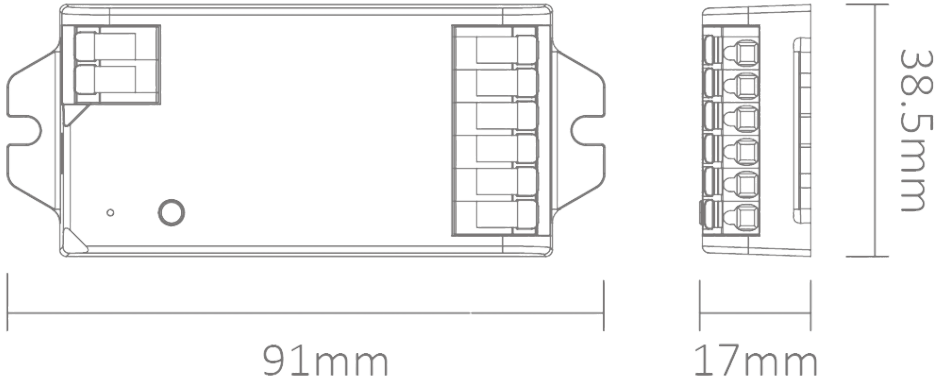
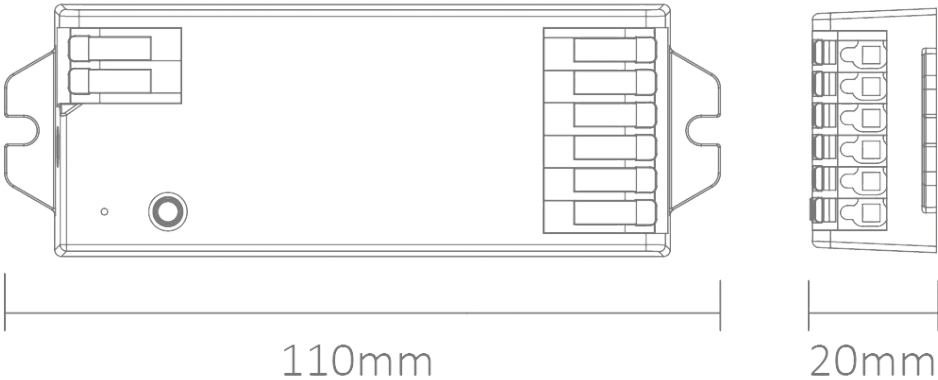
[Click Download](#)

Features

- This product is made by WIFI+BLE+2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- Dual WIFI+BLE chip improves user to enter into network conveniently. User can pair device into network via bluetooth connection if the router is offline.
- Support 2.4G remote control.
- Working with “Tuya Smart” APP, wireless dimming, remote control, group control, create favourite scene, timmer function, music rhythm, biological rhythm, sleeping and weak up plan, automation and tap to run function.

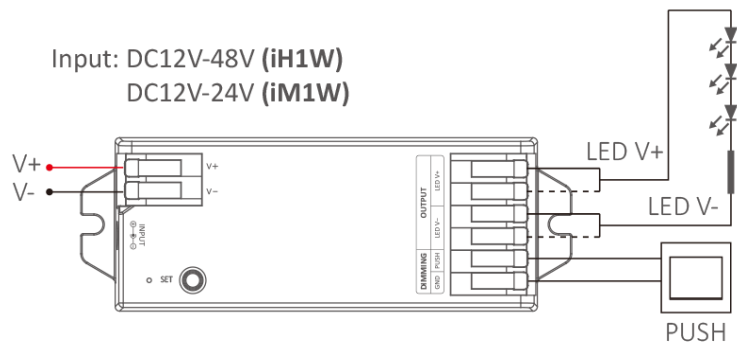
Parameters

Model No.	iH1W	iM1W
Input	DC12V-48V	DC12V-24V
Output	20A/Channel	12A/Channel
Total output	Max 20A	Max 12A
Protocol	WiFi+2.4GHz	WiFi+2.4GHz
WiFi standard	IEEE 802.11b/g/n 2.4GHz	IEEE 802.11b/g/n 2.4GHz
Control distance	30m (2.4GHz RF)	30m (2.4GHz RF)
Working temperature	-20~45°C	-20~45°C
Product Size	110*39*20mm (L*W*H)	91*38.5*17mm (L*W*H)



1. Input 1
2. Input 2 (DC5521 Max 10A)
3. Indicator
4. SET button
5. Output

Connection Diagram



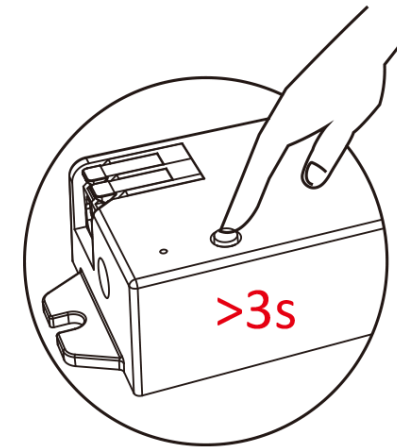
PUSH dimming

Short press push switch: Turn on or turn off light.

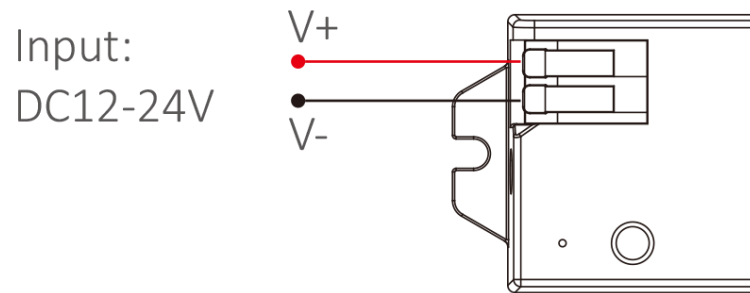
Long press push switch: Long press / release and long press again to increase or decrease brightness.

APP Details

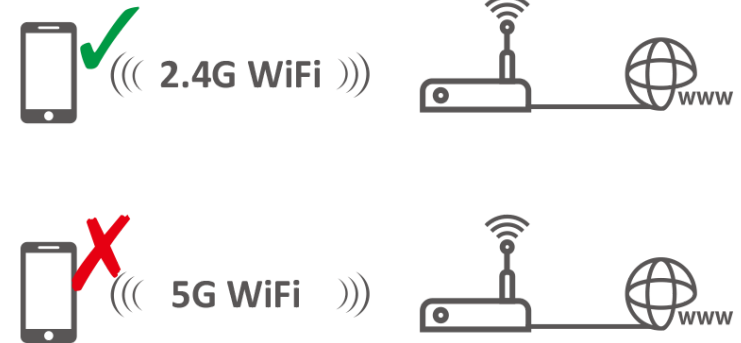
Adding device #



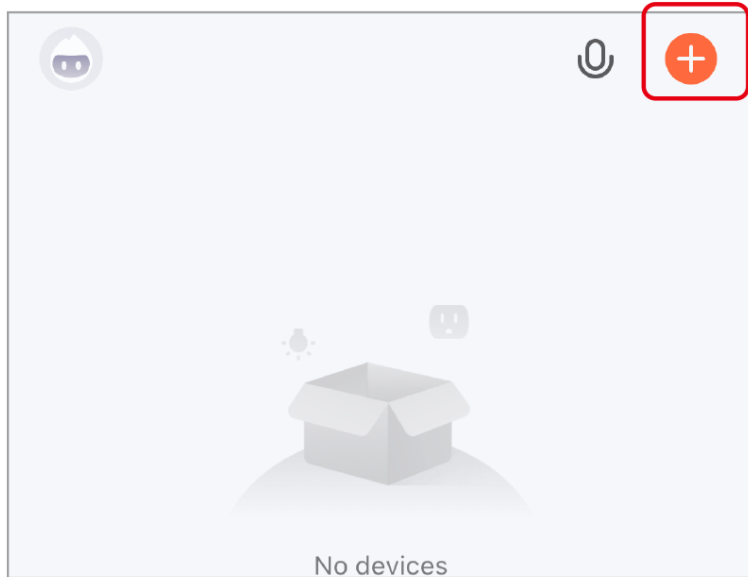
2). Indicator blinks quickly (2 times per seconds), long press “SET” 3 seconds if indicator doesn’t blink quickly



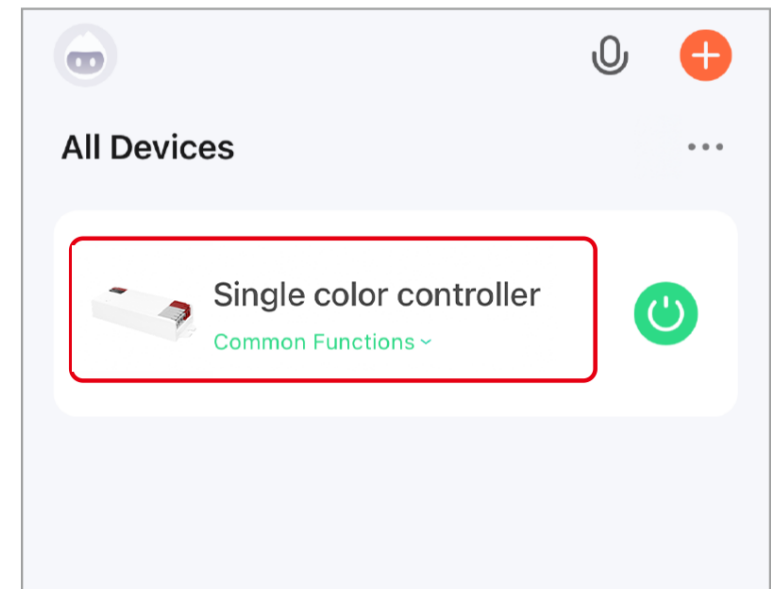
1). Connect controller with power adapter



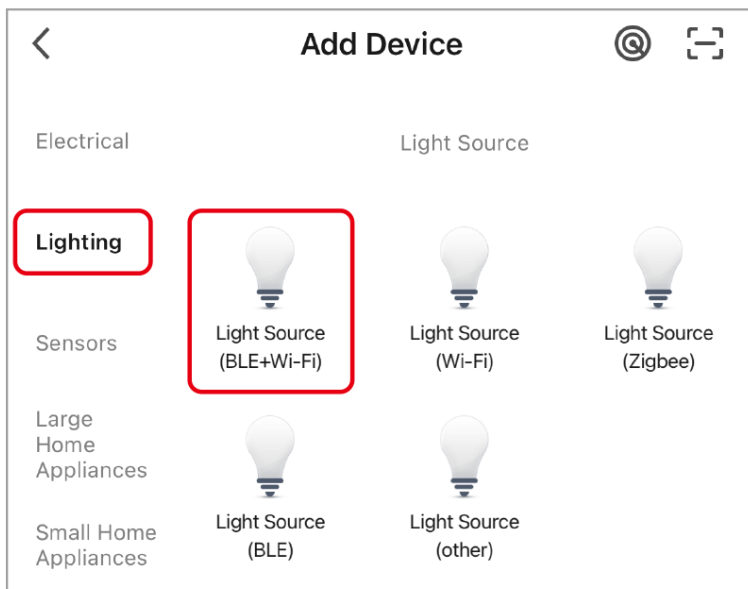
3). Connect smart phone with 2.4Ghz WiFi



4). Click “+”



6). Click device to enter into main page

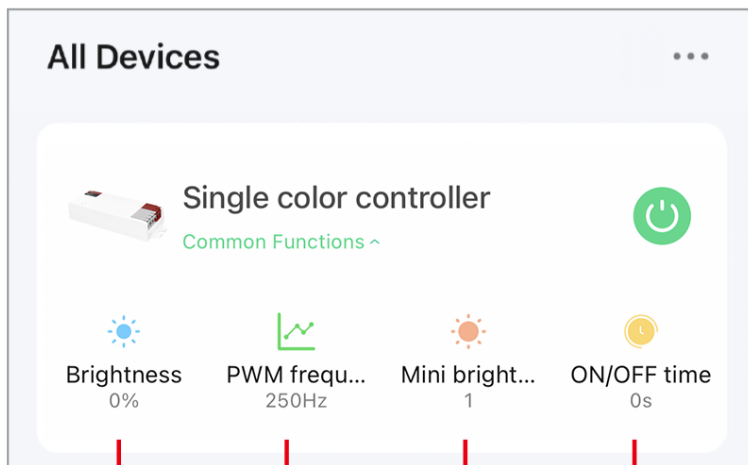


5). select “lighting” and “light source (BLE+wifi)”, finishing the rest steps in app

Parameter definition

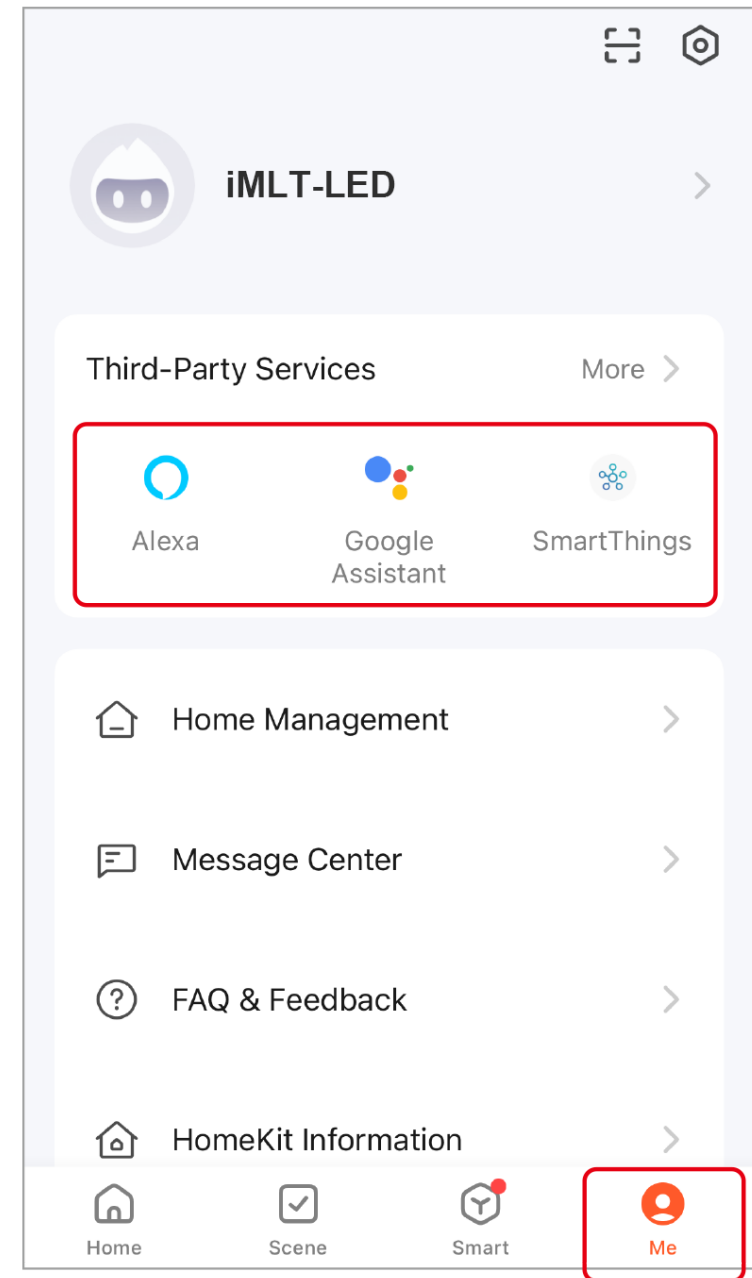
1. **Brightness:** quickly change brightness
2. **PWM frequency:** changing different frequency to solve the noise problem from power adapter.
3. **Mini brightness:** the lowest brightness of lights.
4. **ON/OFF time:** the light status changes gradually(factory default time is 0.5s).

 High frequency only support device with lower wattage, low frequency support device with higher wattage and have better dimming performance. (Factory default PWM frequency is 4KHz).



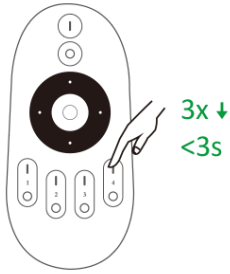
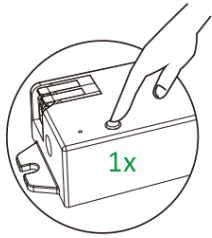
Voice control Details <#>

Click "Me" to add device (controller must be paired with wifi completely)



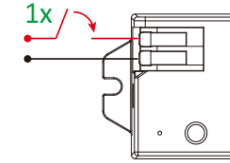
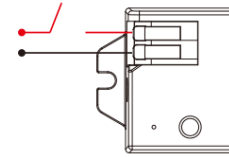
2.4G Remote Control <#>

Linking code (2 different solution) <#>



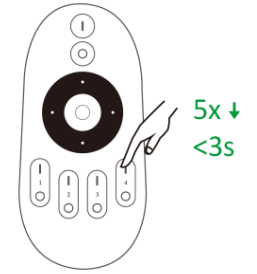
Solution 1 #

Short press "SET" 1 time, short press "I" 3 times within 3 seconds



Solution 2 #

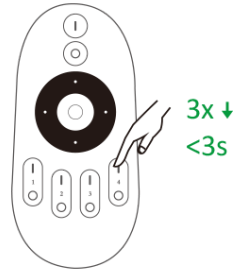
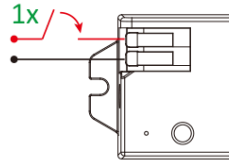
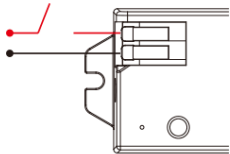
Power off and power on, short press "I" 5 times within 3 seconds



⚠ Cleaning code is done if the light flashes 6 times quickly.

Attention

1. Please cut off power before wiring device
2. Please check the voltage of power adapter before connecting
3. Don't disassemble it if you are not expert
4. Don't use it in metallic or magnetic area

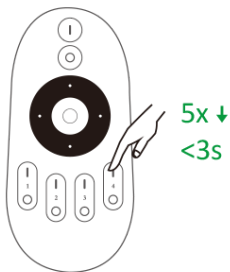
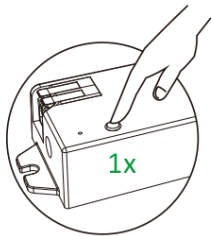


Solution 2 #

Power off and power on, short press "I" 3 times within 3 seconds

⚠ Link is done if the light flashes 3 times slowly

Cleaning Code (2 different solution)



Solution 1 #

Short press "SET" 1 time, short press "I" 5 times within 3 seconds