

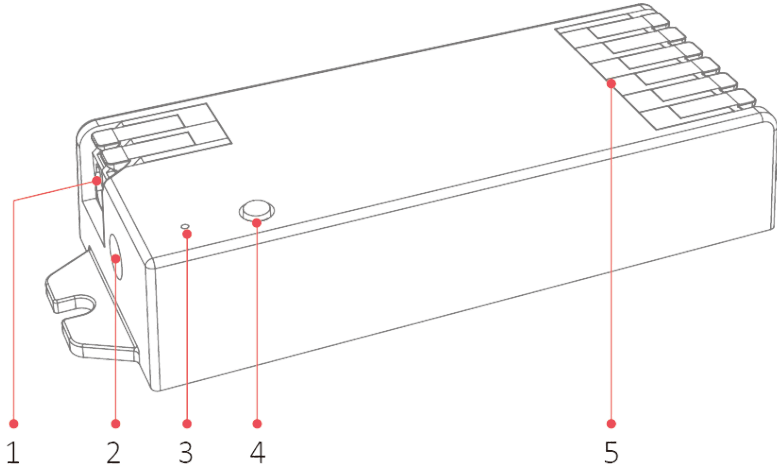
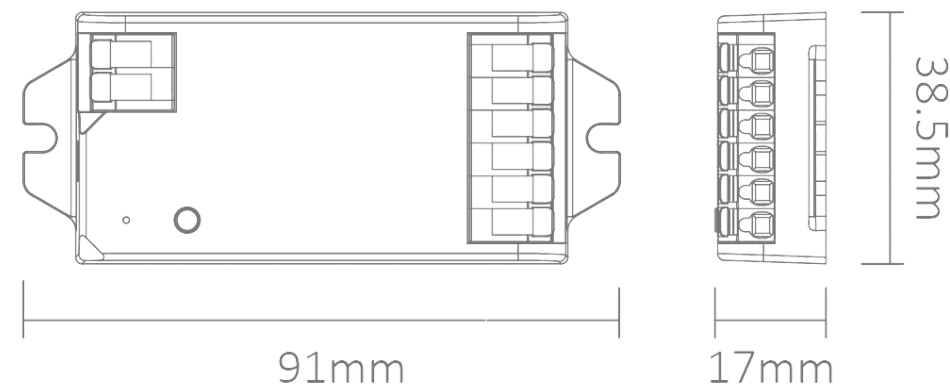
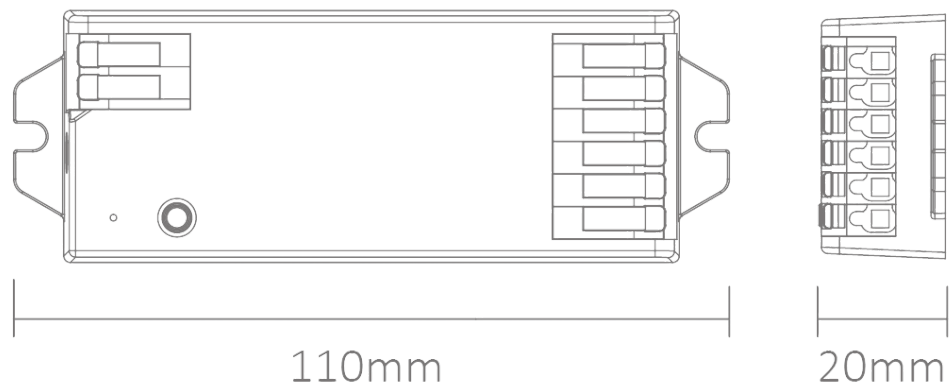
# iH1 & iM1 Manual

## Features #

- This product is made by 2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- Support 2.4G remote control.

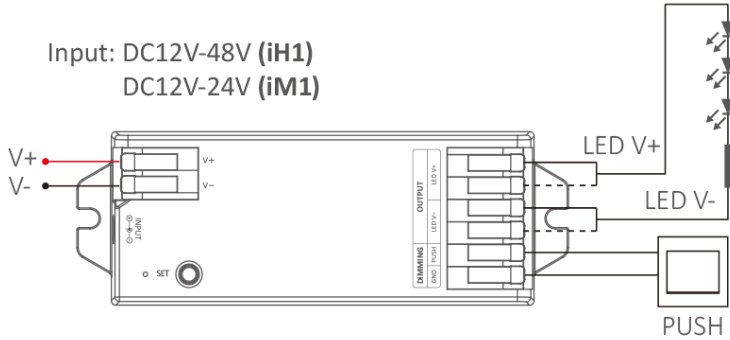
## Parameters #

|                     |                                          |             |
|---------------------|------------------------------------------|-------------|
| Model No.           | iH1                                      | iM1         |
| Input               | DC12V-48V                                | DC12V-24V   |
| Output              | 20A/Channel                              | 12A/Channel |
| Total output        | Max 20A                                  | Max 12A     |
| RF                  | 2.4GHz                                   | 2.4GHz      |
| Control distance    | 30m                                      | 30m         |
| 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.

## Setting PWM frequency #

Long press “SET” until indicator flashes, short press “SET” continuously to select PWM frequency.

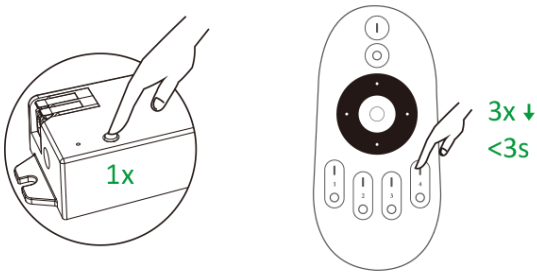
**Lowest Flashing slowly Flashing quickly Fastest**  
250Hz 2KHz 4KHz 8KHz

**PWM frequency** (changing different frequency to solve the noise problem from power adapter).

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.

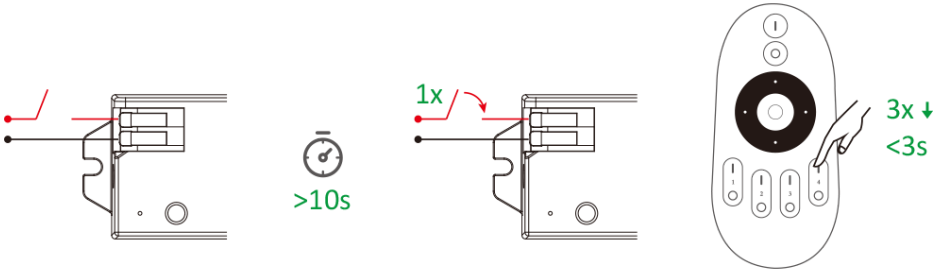
2.4G Remote Control #

Linking code (2 different solution) #



Solution 1 #

Short press “SET” 1 time, short press “1” 3 times within 3 seconds

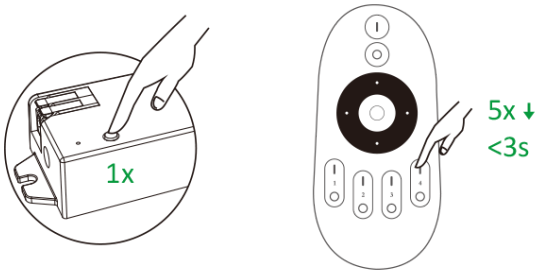


Solution 2 #

Power off and power on, short press “1” 3 times within 3 seconds

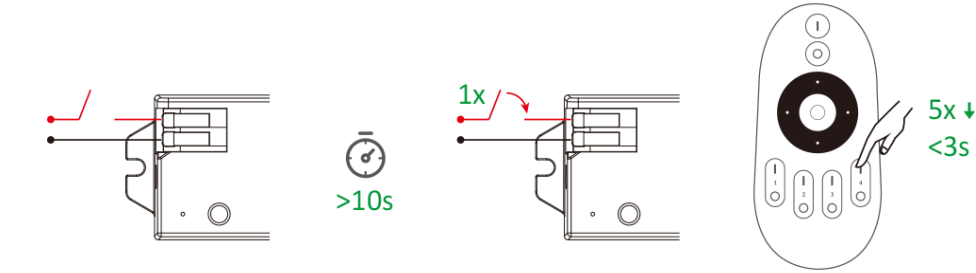
⚠ Link is done if the light flashes 3 times slowly

Cleaning Code (2 different solution) #



Solution 1 #

Short press “SET” 1 time, short press “1” 5 times within 3 seconds



Solution 2 #

Power off and power on, short press “1” 5 times within 3 seconds

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

Mini Brightness #

1. Long press “OFF” or “ ” in group zone 6 seconds until light flashes one time.
2. Short press “OFF” or “ ” in group zone to set up 10 kinds of brightness level ( 1%, 5%, 10%, 15%, 20%, 25%, 30%, 35%, 40%, 50%).

⚠ Short press any button except “OFF” to confirm or step out setting, the master “OFF” can set up all features.

ON/OFF Time #

The light status changes gradually (factory default time is 0.5s).

**1.5s:** Short press “ON” 1 times and short press “OFF” 5 times within 3 seconds, the setting is done once light flashes 2 times slowly.

**0.5s:** Short press “OFF” 1 times and short press “ON” 5 times within 3 seconds, the setting is done once light flashes 2 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