

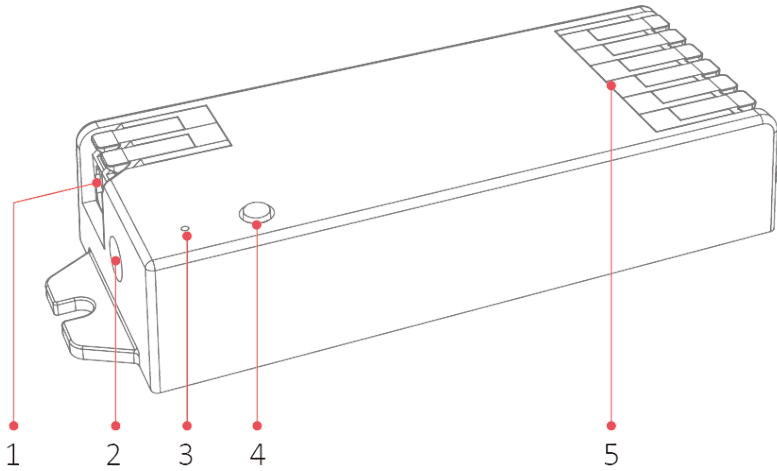
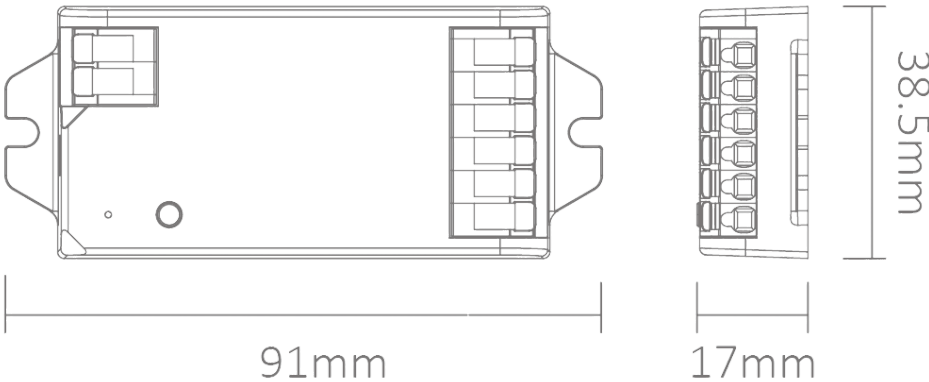
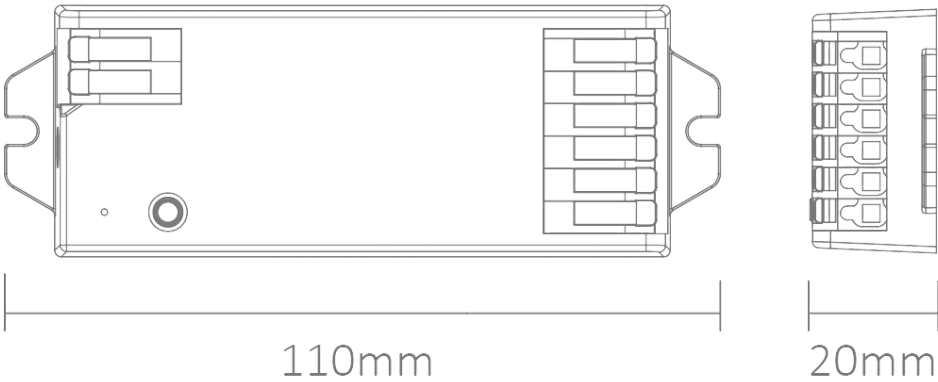
iH5 & iM5 Manual

Features

- This product is made by 2.4G wireless transmitting technology with low consumption and strong ability to resist signal loss.
- 5 kinds of output mode support 5 led strip (Single color/CCT/RGB/RGBW/RGB+CCT)
- Support 2.4G remote control.

Parameters

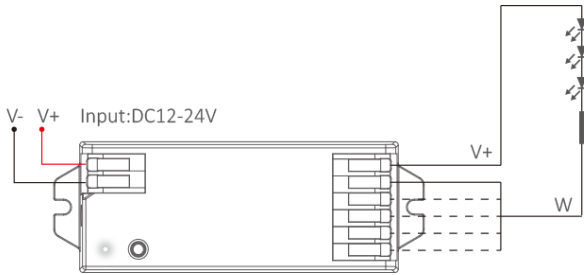
Model No.	iH5	iM5
Input	DC12V-24V	DC12V-24V
Output	8A/Channel	6A/Channel
Total output	Max 20A	Max 12A
RF	2.4GHz	WiFi+2.4GHz
Control distance	30m	30m
Working temperature	-20~45°C	-20~45°C
Product Size	110*39*20mm (L*W*H) 91*38.5*17mm (L*W*H)	



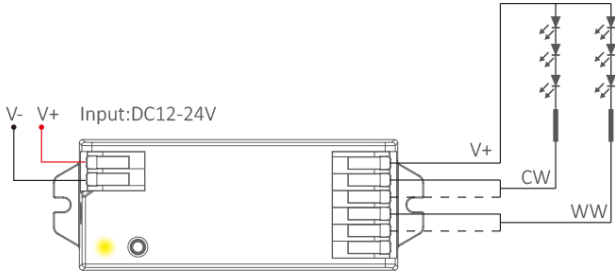
1. Input 1
2. Input 2 (DC5521 Max 10A)
3. Indicator
4. SET button
5. Output

Connection Diagram

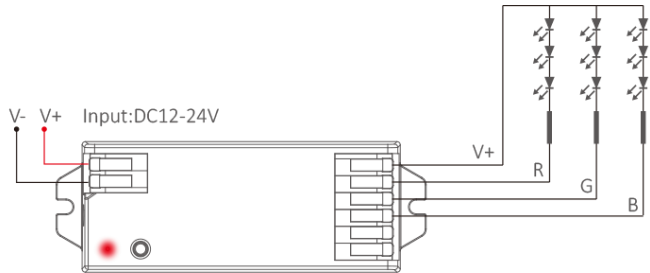
For single color led strip (short press “SET”–white indicator)



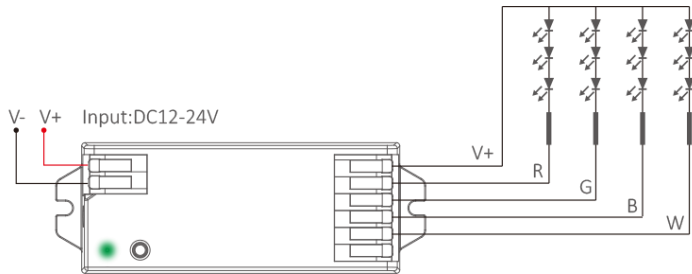
For dual white led strip (short press “SET”– yellow indicator)



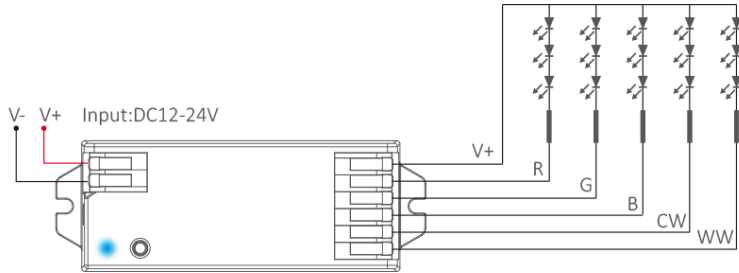
For RGB led strip (short press “SET”–red indicator)



For RGBW led strip (short press “SET”–green indicator)



For RGB+CCT led strip (short press “SET”–blue indicator)



Output mode settings #

Short press (SET) continuously to select output mode, indicator displays different output modes as following diagram.

Indicator Output	
White	Single color
Yellow	Dual white
Red	RGB
Green	RGBW
Blue	RGB+CCT

Setting PWM frequency #

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

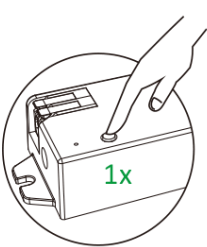
Lowest Flashing slowly	Flashing quickly	Fastest
250Hz	2KHz	4KHz
		8KHz

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.

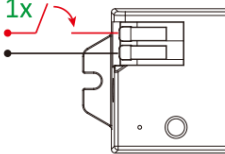
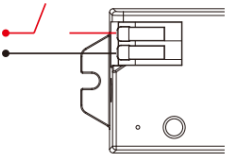
2.4G Remote Control #

Linking code (2 different solution) #



Solution 1 #

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

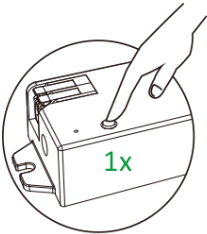


Solution 2 #

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

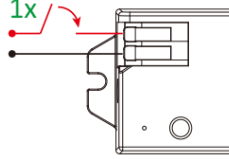
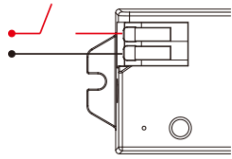
⚠ Link is done if the light flashes 3 times slowly

Cleaning Code (2 different solution) #



Solution 1 #

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



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.

Dynamic Mode List (For remote control only)

Attention: brightness, saturation and speed are dimmable

No. Dynamic mode

- 1 Automatical color changing
- 2 RGB gradual changing
- 3 Color changing randomly
- 4 Seven color jumping
- 5 Color jumping randomly
- 6 Volcano red
- 7 Forest green
- 8 Ocean blue
- 9 Three color jumping and gradual changing

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