

Operation Instructions of WIFI Controller

(D015/D016)

1. Specifications

Working temperature: -20-60℃

Output: 3/4 channels

Grayscale: 1024 levels

External dimension: L70*W40*H20 mm

RF frequency: 2.4GHz

Short circuit protection: Yes

PWM frequency: 1.95KHz

TUYA APP for IOS/Android

Supply voltage: DC12~24V

Connecting Mode: Common anode

Speed stage: 100 levels

Net weight: 45g

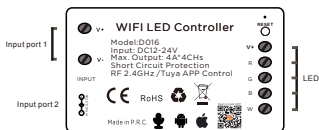
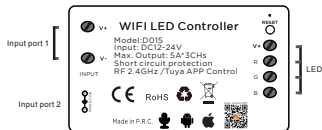
RF distance: ≤20m

Memory function: Yes

Max. Output current: 5A*3CHs(RGB), 4A *4CHs(RGBW)

Max. Output power: 180W/12V, 360W/24V (RGB);
192W/12V, 384W/24V (RGBW)

2. Interface Specifications



3.Direction for use







1) WIFI controlled by Tuya Application to achieve smart control like group control, scene control, timer control, music control and so on.

Download Tuya application from App store/ Google play:  (Tuya).

Long pressing "Reset" button on controller and hold for 5 seconds to start the connection with APP. Please read operation instruction of App, or following the pop-up prompt message with the APP, to finish the rest connection operation.

And compatible with voice control via Amazon Alexa, Google Assistant, Yandex Alice and so on.

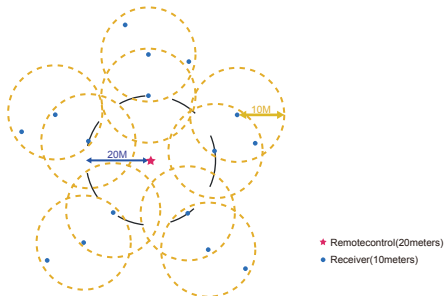
2) Remote controlled by RF 2.4GHz remote control as below:

Item	Option 1	Option 2	Option 3
D015 (for RGB)			
	SWC-RGB-2.4G	RFBK-RGB-2.4G(RGB function)	HWP86-RGB-2.4G
D016 (for RGBW)			
	SWC-RGBW-2.4G	RFBK-RGB-2.4G(RGBW function)	HWP86-RGBW-2.4G

Please pair the WIFI controller to remote control before using. The operation instruction and functions can be found from manuals of remote control.

Wireless-synchronization function under remote controlled type

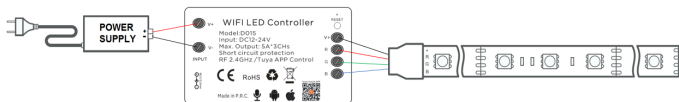
Receivers will transmit the control signals from the remote control and self-inspection the work statuses for each other, so multiple receivers can wireless-sync-work completely when be paired to the same one remote control, not only static mode but also dynamic mode, to achieve wired-like operation experience.



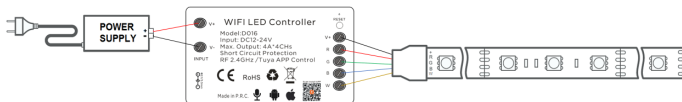
In order to achieve perfect wireless synchronization effect, please keep the distance between receivers within 10 meters as above show.

4. Typical Applications

Application Circuit of D015: RGB



Application Circuit of D016: RGBW



5. Notice

- 1) The power supply voltage of this product is DC12V ~ 24V, other voltages may damage it;
- 2) The lead-out wires should be correctly wired according to the labels provided in the wiring diagram;
- 3) This product has short-circuit protection function, but it should not be overloaded;
- 4) The warranty period of this product is 3 years, exclude man-made damage or the form of overload work.

Scan QR code to install Tuya App:

