

Operation Instructions of WIFI Controller

1. Specifications

Working temperature: -20-60℃	Supply voltage: DC12~24V
Output: 3-5 channels	Connecting Mode: Common anode
Grayscale: 1024 levels	Speed stage: 1024 levels
External dimension: L160*W46*H25 mm	Net weight: 110g
RF frequency: 2.4GHz	RF distance: ≤20m
Short circuit protection: Yes	Memory function: Yes
PWM frequency: 2KHz, 21.6KHz	Max. Output current: PWM=2KHz:4A/CH, PWM=21.6KHz:3A/CH
TUYA APP for IOS/Android	Max. Output power: 12V:<240W, 24V:<480W

2. Interface Specifications



- Signal indicator status and description: it will light up when operating the remote control; it will stay on after a successful WIFI connection.
- The 1-3 bits of the DIP switch are used to set the load output type, corresponding to the following:

DIM				CCT				RGB				RGBW				RGBCW			
ON	DIP			ON	DIP			ON	DIP			ON	DIP			ON	DIP		
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
OFF	OFF	OFF	X	ON	OFF	OFF	X	OFF	ON	OFF	X	ON	ON	OFF	X	X	X	ON	X

Note: After setting the load output type, the WIFI control function needs to be reset, and the "add device" operation should be performed again in the APP. If the type is switched in the power-on state, the controller will automatically reset, and will directly enter the EZ distribution network state after the load light flashes quickly. For more connection instructions, please refer to the "Direction for use -WIFI Network Operation" section.

- DIP switch 4 is used to set the PWM frequency of the load output: OFF-2KHz (factory default value), ON-21.6KHz.

PWM=2KHz				PWM=21.6KHz			
ON	DIP			ON	DIP		
1	2	3	4	1	2	3	4
X	X	X	OFF	X	X	X	ON

3.Direction for use

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

Scan QR code from controller to download Tuya application: (Tuya) and register it to get your home account.

Wi-Fi- Smart Controller can be added using "EZ Mode"- Auto Scan or "AP Mode"-Add Manually.

EZ Mode: Press and hold the "Key" button for 5s to restore to the factory setting and enter EZ mode (Rapid Blinking).

AP Mode: Unplug and reconnect the power supply and the Wi-Fi Smart Controller 5 times in a short period of time to enter AP mode (Slow Blinking).

Tips:

- If the Wi-Fi signal is weak or cannot connect with the device using "EZ Mode", please tap the "EZ Mode" on the top right corner and tap "AP Mode" to enter the AP mode to add the device and follow the App instructions to connect the Wi-Fi Smart Controller to your network.
- After setting the load output type, the WIFI control function also needs to be reset, and the "add device" operation should be performed again in the APP.

- If the load type is reset in the power-on state, the controller will automatically reset, and will directly enter the EZ distribution network state after the load light flashes quickly.

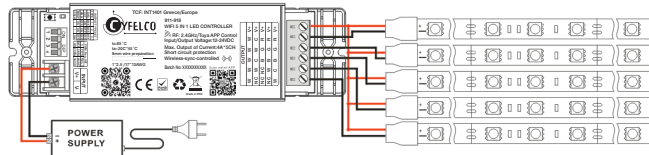
At this time, the load light will keep flashing, and the network connecting operation can be performed, or you can press any button on the remote control to exit the network connecting status; if there is no operation, it will automatically exit after 3 minutes

- If the load type is reset in the power-off state, please refer to the above instruction to connect the network by EZ Mode or AP Mode.

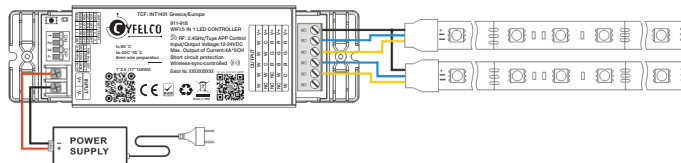
And compatible with voice control via Amazon Alexa, Google Assistant, Yandex Alice and so on.

4. Typical Applications

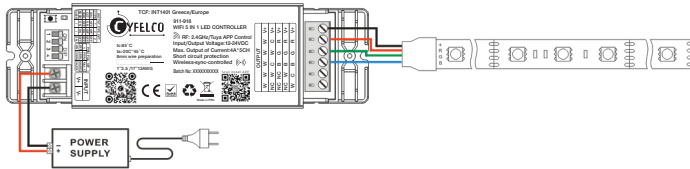
Application Circuit of single color



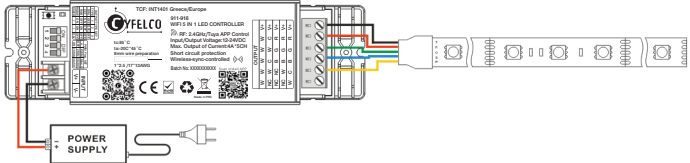
Application Circuit of CW+WVV



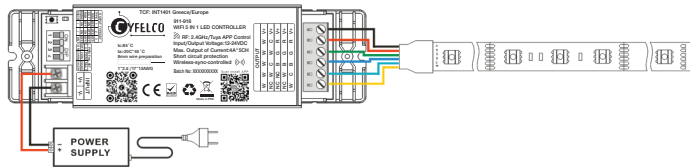
Application Circuit of RGB



Application Circuit of RGBW/RGB+W



Application Circuit of RGBCW/RGB+CCT



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:



TCF: INT1401 Greece/Europe

Agios Adrianos, 21100 • Nafplio - Greece / Europe • Tel.: +30 2752 091136

Website: www.elmasco.eu