greenhse Technologies

EXTRA-LOW VOLTAGE
Use a certified supply · see p.2

SPEC SHEET
Product code: 3in1-ctrlr-smart

RGB / RGBW / RGB+CCT Smart Strip Controller

A WiFi and remote controller for 12 V or 24 V RGB, RGBW and RGB+CCT LED strips, garden lights and star lights.



KEY FEATURES

- For RGB, RGBW and RGB+CCT 12 V or 24 V strips
- Switch between RGB, RGBW and RGB+CCT with one button
- 16 million colours, brightness and colour temperature adjustable
- Control it in the Tuya Smart / Smart Life app – remote optional
- Works with Google and Alexa voice control
- Scene customisation in the app

IN THE BOX

- 1 × 3-in-1 smart LED strip controller
- Remote control not included – order separately

SPECIFICATIONS

Input voltage	12–24 V DC
Maximum load	6 A per channel, 12 A total
Control	WiFi (2.4 GHz) app + 2.4 GHz RF remote
Control distance	Up to 30 m
App / voice	Tuya Smart / Smart Life app; Google, Alexa
Dimmable	Yes
Output modes	RGB / RGBW / RGB+CCT
Output connection	Common positive (V+)
IP rating	IP20 – indoor, dry areas only
Operating temperature	-10 °C to 40 °C
Installation	Inside a junction box
Warranty	2 years

Installation: licensed electrician recommended – see the installation guide. Keep your invoice for warranty.

RGB - RGBW - RGB+CCT Smart Strip Controller

ABOUT THIS PRODUCT

A smart 3-in-1 LED strip controller for RGB, RGBW and RGB+CCT strips and colour garden or star lights. Control colour, brightness, scenes and schedules from the Tuya Smart or Smart Life app over your 2.4 GHz WiFi, or by voice with Google or Alexa, and add a Greenhse 2.4 GHz remote if you like. It runs on 12 V or 24 V DC from a Greenhse transformer, handles 6 A per channel and 12 A in total, and fits inside a junction box.

MORE DETAILS

Colour / finish	White case
Electrical class	Class III, runs on SELV 12 V or 24 V DC from a certified transformer
Remote linking	Press SET once to start linking mode
Mode change	Press SET repeatedly to change between RGB, RGBW and RGB+CCT
Network	2.4 GHz WiFi only, no hub needed

SAFETY & COMPLIANCE

Extra-low voltage product (12 V / 24 V DC)
Safe low voltage. Must be powered by a certified power supply (see below).

Equipment risk level	Not prescribed (extra-low voltage)
Use with a Greenhse 24 V transformer (30 W or 60 W indoor models)	SAA-230028-EA (valid to 17 Feb 2028)
Use with a Greenhse 12 V transformer (20 W, 40 W or 75 W indoor models)	SAA-230028-EA (valid to 17 Feb 2028)

Extra-low voltage products are not prescribed electrical equipment under the EESS. Mains (240 V) wiring to the power supply must be done by a licensed electrician. Only use a certified power supply of the correct voltage and wattage.