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

SPEC SHEET
Product code: 2in1-ctrlr-smart

Single Colour / Dual White Smart Strip Controller

A WiFi and remote controller to dim and tune single colour or dual white 12 V or 24 V LED strips.



KEY FEATURES

- For single colour and dual white (CCT) 12 V or 24 V strips
- Switch between single colour and dual white with one button
- 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 × 2-in-1 smart LED strip controller
- Remote control not included – order separately

SPECIFICATIONS

Input voltage	12–24 V DC
Maximum load	12 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	Single colour / dual white
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.

Single Colour - Dual White Smart Strip Controller

ABOUT THIS PRODUCT

A smart 2-in-1 LED strip controller for single colour and dual white (adjustable white) strips and lights. Dim and change between warm and cool white from the Tuya Smart or Smart Life app over 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 up to 12 A, 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 switch between single colour and dual white
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.