RGBW LED Controller (ZigBee)

Product Introduction

This ZigBee 3.0 constant voltage LED controller is tailored for modern lighting needs. It seamlessly connects to low-voltage RGBW LED strips, offering smooth, flicker-free dimming. This allows users to easily adjust brightness to create the ideal lighting atmosphere for any space.
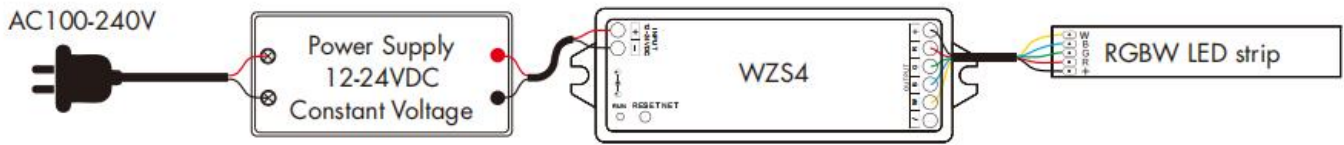
Features

- Control low-voltage RGBW LED strips

- DC power socket input

- Relay capability for forwarding and routing signals

- Support control via Belahome APP and HyPanel devices

WZS4
ZigBee RGBW LED Controller
Uin=12-24VDC
Iin=12.5A
Uout=4x(12-24)VDC
Iout=4x3A
Pout=4x(36-72)W
Temp range: -30℃~+55℃
CE RoHS

Specification

- Product Model: WZS4

- Light Type: RGBW

- Number of Output Channels: 4

- Input Voltage: 12 ~ 24VDC

- Input Current: 12.5A

- Output Voltage: 12 ~ 24VDC

- Output Current: 4CH, 3A/CH

- Output Power: 4×(36 ~ 72)W

- PWM Frequency: 2KHz

- Input Signal: Zigbee 3.0

- Dimming Level: 65536 (2^{16}) levels

- Dimming Range: 0 ~ 100%

- Operating Temperature: -30 ~ 55℃

- Maximum Case Temperature: 85℃

- IP Rating: IP20

- Dimensions: 114×38×20mm

- Certifications: CE, EMC, RED

akubela

10/F, No.56 Guanri Road, Software Park Ⅱ， Xiamen 361009, China
Tel: +86-592-2133061   Ext: 7694   Fax: +86-592-2133061
Email: sales@akuvox.com   Web: www.akubela.com

Wiring Diagram

Networking method

1. Connect the wiring as per the wiring diagram, then plug in the power source.
2. Press the network reset button five times quickly (or toggle the switch five times). The device will flash in a breathing pattern, indicating it is in the pairing mode.
3. Add the device to your network through the gateway device.

Product Dimension Diagram (mm)