Gledopto GL-C-218M, RGBCCT LED controller, WiFi, Matter

Reference: AM2903
EAN13: -
HS code: 85395200

Product attributes:

Product features:

Input voltage: 12-24 V DC
Waterproof grade: IP20
Operating temperature: -10°C - +40°C

Product description:

Advanced smart LED controller designed for controlling RGB+CCT LED strips with high current load up to 15A per channel. Thanks to support for the Matter protocol, you can easily integrate it into a smart home with Apple Home, Google Home, Amazon Alexa or other compatible systems.

Technical specifications

- Model: GL-C-218M
- Input voltage: DC 12-24V
- Output current/channel: 15A Max
- Total output current: 20A Max
- Protocol: Matter (WiFi via Matter gateway)
- Recommended wire cross-section: 0.34–4 mm² (22–12 AWG)
- Wire stripping length: 10 mm
- Operating temperature: −20 to +45 °C
- Protection: IP20
- Dimensions: 108 × 45 × 18 mm
- Weight: 63.1g

Functions and features

- Compatible with Apple Home, Google Home, Amazon Alexa and other Matter-enabled platforms.
- Voice control (Siri, Alexa, Google Assistant) and remote access via smart apps.
- Supports RGB colors + CCT (warm/cool white), color temperature 2200-6500K, and smooth dimming 0-100%.
- High power for long LED installations – up to 15A per channel.
- Reverse polarity protection and safe operation for demanding projects.
- Quick connection via screw terminals, no soldering required.

Ideal for

- RGB+CCT LED strips 12–24V
- Smart homes with the Matter ecosystem
- Ambient lighting, TV walls, furniture, shop windows and professional LED installations
- Scene, automation and voice command control

Package contents

- 1× Smart RGB+CCT Matter LED Controller GL-C-218M
- 1× User manual EN

Why choose this product?

- Ultimate compatibility thanks to Matter – one controller, many ecosystems.
- High power 20A for professional LED installations.
- Precise control of RGB and white components (CCT) including smooth dimming.
- Easy installation without soldering and safe operation with error protection.
- High-quality GLEDOPTO construction made of fire-resistant PC material.