

5-in-1 LED Strip Controller, WiFi + 2.4G RF, DC 12–48V, 15A, RGBCCT

OVERVIEW

The C-5IN1-180-WG-15A is a 5-in-1 LED strip controller combining WiFi (BLE+Wi-Fi), Bluetooth, and 2.4G RF wireless transmission in a single unit. It supports five output modes—Single Color, Dual White, RGB, RGBW, and RGB+CCT—selectable via a front-panel SET button. Designed for DC 12–24V LED strip installations, it is suited for commercial and residential lighting control applications requiring flexible color and tunable white management.

The controller supports 15A output current and provides full-range dimming, color temperature adjustment, and saturation control across 16 million colors. PWM frequency is switchable between 250Hz and 16kHz via remote. RF remote control range is rated at 30m, with auto-transmitting and synchronization supported across multiple linked units. DMX512 control is available in RGB+CCT output mode with a compatible transmitter (sold separately). The Tuya Smart app enables scheduling, scene control, music rhythm response, group control, and automation. Voice control is supported via Alexa and Google Assistant through the Smart Life skill.

No certifications are confirmed in the available source documentation. No warranty terms are stated in the provided source data. Installers should verify input voltage compatibility with the connected LED strip before commissioning.

SPECIFICATIONS

Input voltage	12-24V DC V
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