

5V Addressable WS2813 LED Strip Light with Continuous Transmission

This LED strip light features an integrated control circuit and RGB chip. Its dual-signal wires enable continuous transmission, ensuring that if one LED fails, the others remain operational.



Overview

Intelligent Addressable Lighting

The WS2813 LED strip is an advanced, addressable light source that integrates control circuits directly into the RGB chip. Featuring signal breakpoint continuous transmission, the strip ensures that if a single LED fails, the remaining lights continue to function seamlessly. This makes it an ideal, reliable solution for professional stage lighting, architectural accents, and dynamic display screens.

Technical Specifications

Operating Voltage	5 V
LED Type	SMD5050 RGB
LED Density	60 pcs/m
Max Power Consumption	18 W/m
Greyscale Levels	256

Physical Properties

Waterproof Rating	Non-waterproof
Strip Dimensions	5000 x 12 x 3 mm
Packaging	5 meters per reel in anti-static bag

Control & Connectivity

Control Capabilities

- Individually addressable pixels
- Signal breakpoint continuous transmission
- Supports online control
- Compatible with SPI controllers
- DMX system support via decoder

Wiring Connections

Connection Type	Wire Assignment
Power Supply	DC+, GND
Controller	DAT, CLK, GND

Certifications

Compliance

CE, FC, RoHS