Digital RGB LED Weatherproof Strip SK6812

Description

RGB LED Strip is a programmable RGB LED strip, utilizing SK6812 RGB LEDs. The LED strip supports digital addressing, which means that you can individually control the color and brightness of each individual LED on the LED strip. Single bus programming is supported to expand the LED strip.

The outer layer of the LED strip is coated with a transparent protective silica gel which supports IP65 waterproof protection, thus it can be adapted to a variety of applicable environments. The LED strip consists of a flexible FPC (soft light strip)/PCB (hard light strip board) for the substrate, and uses 5050 RGB LEDS, and 3M strong double-sided tape on the back for easy pasting and fixing. The working voltage is 5V DC voltage, and various lighting effects can be realized through controller programming.

It should be noted that with the gradual increase in the number of LED strip connections, the accompanying power consumption will also increase. Therefore, when using RGB LED strips with a large number of LEDs, it is recommended to provide additional power for them.

Specifications

- Product type：RGB LED Strip
- LED Type：xdx-5050RGB-60-60
- IC Model：SK6812
- Operating Voltage：5V
- Power：±18W/per metre
- Thickness：10MM
- RGB Value：256
- LED Count: 60LEDs/per Metre
- IC Count: 60 ICs/per Metre（ICs spaced between LEDs）
- Operating Temp：-40℃---80℃
- Life Span：30Kh
- Strip Background color：Black/ White
- LED color：Full color RGB
- Data transfer rate：800K/S
- Waterproof：Waterproof Epoxy-IP65
- Strip Lengths: 0.5m/30，1m/60，2m/120，5m/300
- Programming Method: Arduino, UIFlow(Blockly, Python)
- Extendable

Includes

- 1x RGB LED Strip
- 1x HY2.0-4P Adapter Cable

Applications

lighting decoration

Specifications

Resource	Parameter
Length/Net Weight	0.5m/37g, 1m/55g, 2m/86g, 5m/211g
Length/Gross Weight	0.5m/45g, 1m/65g, 2m/96g, 5m/220g
Length/LED Count	0.5m/30，1m/60，2m/120，5m/300
Led Strip Thickness	10mm

Packaging Type	Anti-static bag packaging, fixed reel