



Home > ALITOVE Dream Color LED Strip - 16.4ft, 150 Pixels, Waterproof, 5V, Black PCB IP65



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ALITOVE Dream Color LED Strip - 16.4ft, 150 Pixels, Waterproof, 5V, Black PCB IP65

★★★★☆ 4.5 (72 reviews)

10 sold in last 10 hours

Vendor: ALITOVE

SKU: WS2812B-150BK-IP65

Availability: In Stock

Product Type: LED Strip Light

\$23.75

Quantity:

1

Subtotal: \$23.75

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Parameter:

- Name: ALITOVE WS2812B 5M/roll 150 pixels LED strip
- Light source and LED Qty: 5050 RGB LED, 30pcs per meter
- Wave length (NM): R, 620~625nm ; G, 515~525nm; B, 465~475nm
- The gray level: 256 ; Color: full color (24-bit) ; View angle: 120°
- Voltage, Max current and Max power: DC 5V 6A 30W
- Waterproof and FPCB board color: Waterproof IP65, Black
- Dimension: 5000*12*3mm
- RGB order: Green/Red/Blue (Please set up the controller before you use it.)
- Red wire: 5V+ ; Black Wire: GND ; Green wire: Data

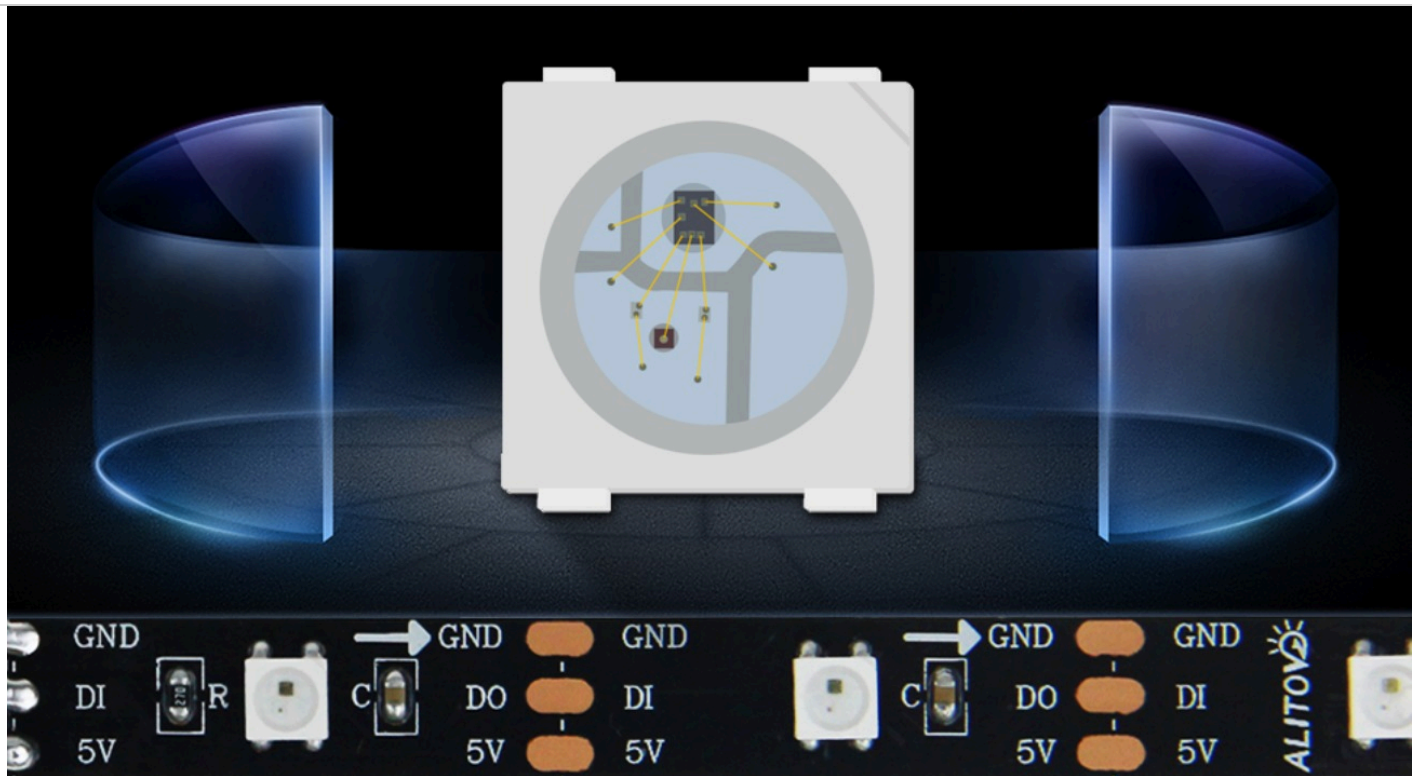
What you will get:

- 1x 16.4ft 150 pixels WS2812B led strip (Power supply and controller are not included)

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Kindly note:

- You must use a 5V DC power supply to power these strips, do not use higher than 6V or you can destroy the entire strip.
- Power supply need to be selected according to the total power of LED Strip. We recommend to use 80% max power of power supply.
- It is better to inject power between each 5 meters when connect them in series in case of voltage drop.
- Led strip is made by 50cm FPCB, so there is a solder point each 50cm on strip. But this minor flaw has no any bad effect on the strip's performance. In fact, most of the LED strips on the market are manufactured in half-meter lengths.

Better WS2812B LED Chip:

- 9 pure gold wires
- Copper bracket
- Super bight

Better Flexible FPCB:

- Double-layer 35um copper
- Double-sided film coating
- O805 larger capacitance
- Pb free soldering

Better Protection:

- Resistance protection for each 50cm LED strip
- Reverse connection protection
- Hot swap protection

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Building Outline Decor



DIY Light Project



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Product Feature

- **【Individually addressable LED】** WS2812B RGB 5050 LED. Each pixel can have its own color and brightness. You can control them individually and set them to any color or animation you want. 256 gray levels adjustable and 24-bit color display.
- **【Support Many Controllers】** Compatible with Arduino, Raspberry Pi, Teensy, T1000S,K1000C etc programmable controllers. Support SP105E SP108E SP110E app controllers, SP106E SP107E music controllers, SP501E and MHCTRW5V smart WiFi Controllers.
- **【Great for DIY】** Each LED can be cut and welded freely along the cutting line to meet different length requirements. There are self-adhesive tape on its back, you can easily install it on any dry and flat surface. Flexible design, you can bend it to any shape you want.
- **【User-friendly Design】** Designed with 3pin JST-SM connectors on both ends for easy hooking up. Separate power/ground wires on both ends for injecting power in case of voltage drop. Covered by silicone waterproof coating, which protects it very well and makes it easy to clean, up to IP65 waterproof.
- **【Wide Application】** It can be used to make led screen, led wall, advertising board and widely applied to hotel, KTV, bars, Outdoor advertising signs, wedding party lighting, home and car decoration, city skyline, building outline and so on.



Cut and weld freely

Each LED is an independent and complete circuit cell. It can be cut



Easy installation

It is designed with flexible PCB plate and comes with self-adhesive tape on its back. You

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Chainable design

There are 3pin JST connectors on both ends. The LED strips can be hooked up one by one without soldering.



Waterproof IP65

Silicone waterproof coating covers the led strip. Waterproof grade reaches IP65. It can be used outdoor.

Related Products



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Used these LEDS for a Hyperion ambient light project. First time I've ever done this and these LEDS worked amazing.

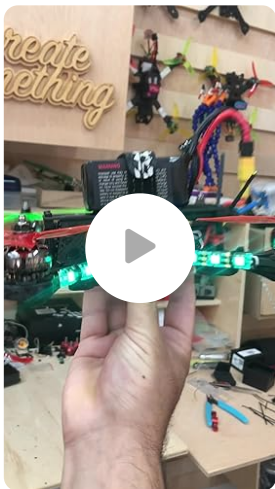


4 years ago

PXC Verified ✓



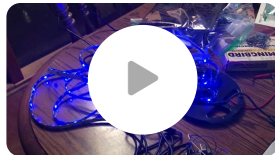
Nice colors. Bright if you use correct power. I used this for my freestyle drone using 10 lights on each side and programed it to change colors to directional movements..



5 years ago



Really quite good. Using an Arduino Pro Mini to control them, and a 5v DC power supply to drive them and the Arduino. All 300 LEDs light up to high brightness at all colors even powered from only one side of the strip.



5 years ago



These are great light Strips. Very customizable, your options are limitless. I used them in my storefront windows with a TS-1000 Controller.



6 years ago

BlackhartFilms Verified ✓



These are 60pixel/m LED strips (the 300 pixels for 5m rating can be a little bit confusing). This density is a good balance between the even spread of the light and the cost per length of strip. Higher density strips such as 144/m aren't really necessary so long as you have a good diffuser around th
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