16 x 16 WS2812B RGB Flex LED Matrix Addressable 256 Pixels Display Screen 5V

Item Code: LED-DYB-JWX-P10-16X16R

FOB Price:	**???.3 856/??.**
Mini Order:	2 ??.
Shipping Weight:	★★★★★
Average Rating:	0.7lb (0.32kg)

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Overview

Features

Highly smart. A micro WS2811 IC is embedded in every 5050 LED on the LED matrix. Each pixel is individually addressable and has 256 brightness and full 24-bit color display. You can adjust them to any color, brightness and animation. You are only limited by your own imagination.

Widely compatible. It works great with Arduino, Rainbowduino, FastLED library, Adafruit NeoPixel Library and Raspberry Pi. It is easy to program.

Chainable design. It comes with two 3pin JST connectors. You can extend the panel by hooking them up one by one without soldering. It also comes with separated power/ground wires, supporting an external power supply.

Save your money. It works almost the same as NeoPixel but much cheaper than NeoPixel. It is sturdy, beautiful and very comparable to other similar products.

Wide application: It can be used to make led screen, led wall, advertising board and widely applied to hotel, KTV, bars, Outdoor advertising signs, Christmas or wedding party decoration, and so on.

Specifications
Model: WS2812B 16*16 LED Matrix panel
Light source: SMD 5050 RGB
IC: WS2812B (WS2811 IC built-in RGB chip)
LED Quantity: 16*16 256 Pixels
FPCB board size: Width/160mm, Thickness/3mm
FPCB colors: black
Gray level: 256
Emitting Color: Full color (24-bit)
Plate: soft copper

The chip: Taiwan Epistar chip
Beam Angle: 120°
Power: 0.3W ± 0.01% per LED
Standard operating voltage: DC 5V
Waterproof: IP30 not waterproof
Working Life: >50,000 hours
Working temperature: -20°C~40°C

Applications
Used to make led screen, led wall, advertising board,Outdoor advertising signs.
Applied to hotel, KTV, bars, clubs, shopping malls, architectural decorative lighting and boutique atmosphere lighting.
Used as decorative lights for holiday, Christmas, event, show exhibition,wedding party decoration.
Applicable for automobile and bicycle decoration, border or contour lighting.

Package
1X 16*16 256 pixels WS2812B LED panel (without power and controller)