Rose Lighting

PRODUCT 2022

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Company profile

Shenzhen Rose Lighting Technology Co.,Ltd devotes to the high quality LED landscape decoration, lighting production, technology development and sales. We have the quality & latest products you need, and we've been serving the LED Strip lighting since 2012 and take pride in our reputation as the one of the China premium suppliers.
Rose Lighting uphold the business philosophy of continuous innovation, long-term research and development of new products to cater to the market demand, by the new and old customers.

Company tenet

Quality first, reputation is important, management oriented, sincere service.

Our Advantages

- Focused on manufactuering LED strip lighting more than 12 years.
- Competitive price and project solution service
- More than 100 project cases each year
- All Types of LED strip are available.
- Skilled support team and engineering service
- Visable all kinds of project case show and Exhibition board in our showroom
- OEM/ODM offered
- Realiable and guaranteed payment by alibaba.
- Same Quality Management as OSRAM and Thorn.ect .

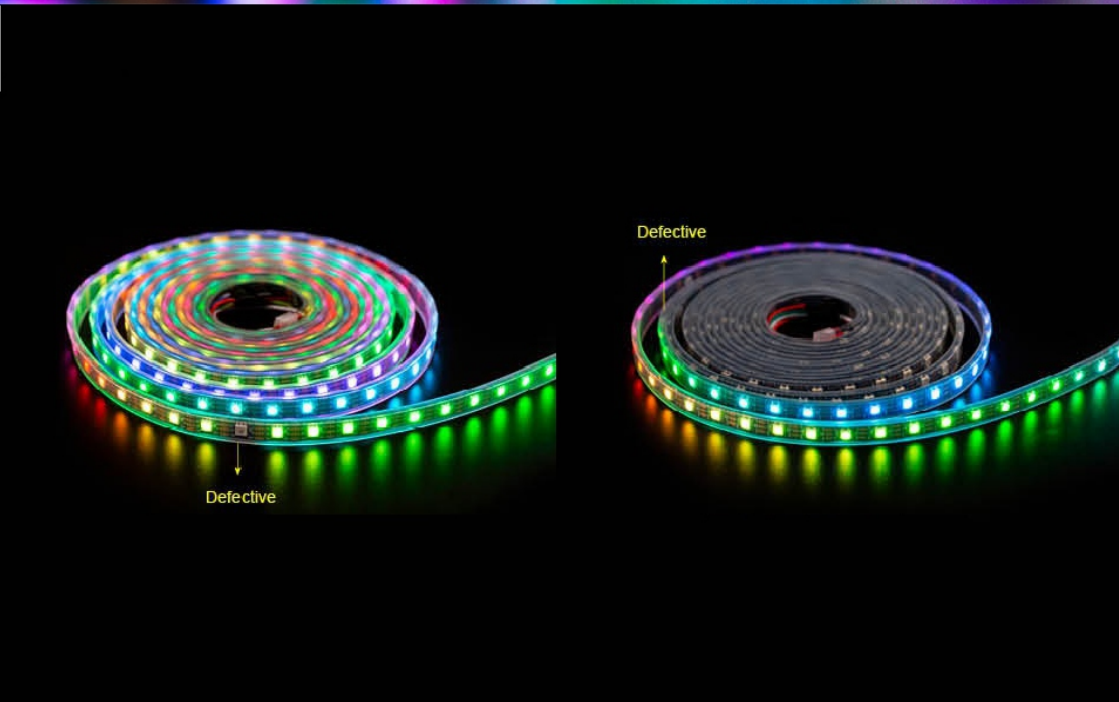
Our Website

- https://www.youtube.com/c/roselighting
- https://www.rose-lighting.com/blog
- https://www.rose-lighting.cn
- https://roselighting.en.alibaba.com

Product Contents

- Pixel LED strip(TTL/SPI)
- DMX512 LED strip
- RGB LED strip
- RGB+CCT LED strip
- Monochrome & dual white LED strip
- COB LED strip
- Neon LED strip
- Controller and accessories

Pixel LED strip



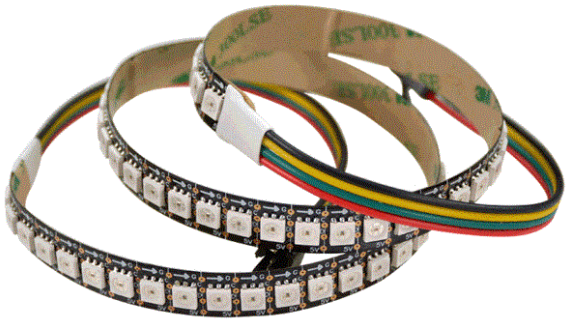
HD107s fastest digital addressable rgb led strip

Features

HD107S

HD107s features the fastest Digital addressable RGB led bead, which is the upgraded version of APA102, also best choice to replace APA102 /SK9822, and more stable than apa102,sk9822,sk6812 leds ,ect.

- PWM refresh rate: 26kHz (apa102 with PWM frequency20KHZ,apa107with7 KHz, sk9822 with 4.7kHZ,sk6812/ws2811 with 1.2KHZ)
- Clock frequency: 30Mhz
- Less voltage drop and support one roll(5 meters) powered with one side power input and no color difference
- Low consumption: 0.03MA led when power on ,without signal input
- LED bead with Red copper bracket and pure gold wire inside LED lamp with luminous high intensity
- We have test tooling for pcb board and other raw material to do better quality checking .



Specification

- Color: Full Color RGB
- LED Quantity: 30/60/72/144 leds per meter
- Working Input Voltage: DC5V Power: 0.3Watt per LED(max)
- View angle: 120°
- Pixel pitch: 33.33mm/16.66mm/13.88mm/6.94mm
- white/black PCB with width 10mm,12mm width for 72led and 144led/m
- PCB: 2.0/4.0 ounce thickness pcb board,(2OZ for 30led and 60led /m, 4OZ for 72led and 144led/m)
- Packaging: 5m/roll , customized length available
- Cable: 4pin 18AWG cable with JST female & male plug and power cable at ends to connect
- Cutting unit: each led can be cut as one unit
- IP Rate: IP20 ,IP65,IP67,IP68

Dc12V sm16703PB/ws2811 5050 RGB led strip, 20 pixels 60led/m with 15meter long per strip, 4OZ thickness pcb

Features

WS2811/SM16703

1) No voltage drop with 15meters long per strip ,very bright white.with 12mm width 4oz pure copper pcb board.
2) 60pcs 5050 RGB quality epistar led chip with pure copper bracket and pure gold wire and brightness>2600mcd
3) Standard TTL signal : ws2811 IC (the IC chip set outside the lamp is stable)
4) with stable signal transmission ,can support all kinds of SPI controller
5) Double membrane covering the pcb board ,good protection
6) We have test tooling for pcb and other raw material to do better quality checking .

PROJECT BEST

Specification

- Color:Full Color RGB
- View angle:120°
- LED Quantity: 60 leds per meter
- Working Input Voltage: DC12V
- Power: 0.24Watt per LED(max)
- Pixel pitch: 5cm, white/black PCB with width 10mm
- PCB: 4OZ thickness PCB board
- Packaging: 5m/roll ,customized length available
- Cable: 3pin 18AWG cable with JST female&male plug and power cable at ends to connect
- Cutting unit: every 3 led with 5cm as one unit
- IP Rate: Ip20 ,Ip65,IP67,IP68

Dc12V/24V ws2811/sm16703 5050 RGB pixel led strip 20/10 pixels 60led/m, 10mm width 2oz pure copper

Features

WS2811/SM16703

1)No voltage drop with 10meter long with two power input at both side, With 10mm width 2oz pure copper pcb board.
2)60pcs 5050 RGB quality led chip with pure copper bracket and pure gold wire and brightness>2600mcd
3)Standard TTL signal : ws2811 IC (the IC chip set outside the lamp is stable)
4)with stable signal transmission ,can support all kinds of SPI controller
5)Double membrane covering the pcb board ,good protection
6)there is test tooling for pcb and other raw material to do better quality checking .

BEST SELLER

Specification

- Color:Full Color RGB, View angle:120° Gray scale:256
- LED Quantity: 60leds per meter(Dc24V with 6led as one pixel ,Dc12V with 3led as one pixel)
- SPI control:ws2811 IC chip set(same work as s6812, ws2812b, ucs1903, ect)
- Working Input Voltage: 12V 14.4W/m(working voltage Dc24V optional)
- Size: 5000*10*2.5(mm),white/black PCB with width 10mm,
- Packaging: 5m/roll, customized length available
- PCB: 2oz thickness pcb board,(4OZ optional)
- Cutting unit: 3led with 12V,6led with 24V
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :2years

DC12V/24V TM1934/LB1934/WS2818/GS8208 dual signal 5050 RGB led strip

Features

1)No serious voltage drop with 10meter long Bec we use the 10mm width 2oz pure copper pcb board.
2)60pcs 5050 RGB quality led chip with pure copper bracket and pure gold wire and brightness>2600mcd
3)Standard TTL signal : TM1934 IC (same work as ws2811 ucs1903,ectwith stable signal transmission ,can support all kinds of SPI controller)
4)with dual signal ,one pixel broken ,no affect next one working.
5)Double membrane covering the pcb board ,good protection.
6)there is test tooling for pcb and other raw material to do better quality checking .

TM1934/similar

Specification

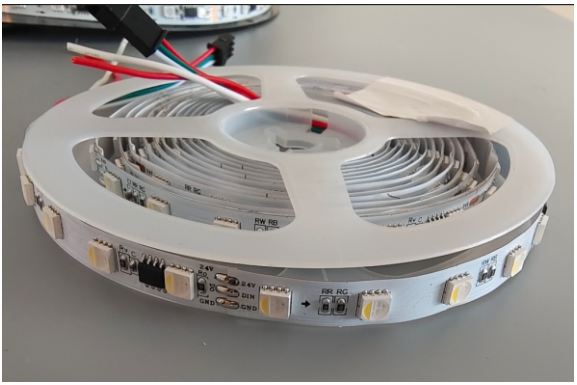
- Color:Full Color RGB View angle:120°
- LED Quantity: 60leds per meter(Dc24V with 6led as one pixel ,Dc12V with 3led as one pixel)
- TM1934 or GS28206 or ws2818 with double signal ,(One pixel fail ,no affect next one working)
- same controller work as sk6812 , ucs1903,ws2811 ,,ect
- Working Voltage: 12V 14.4W/m(working voltage Dc24V optional)
- Size: 5000*10*2.5(mm), white/black PCB with width 10mm,
- Packaging: 5m/roll, customized length available
- Grary scale:256
- PCB: 2.0ounce thickness board,
- Cutting unit: 3led with 12V,6led with 24V
- IP Rate: Ip20 ,Ip65,IP67,IP68

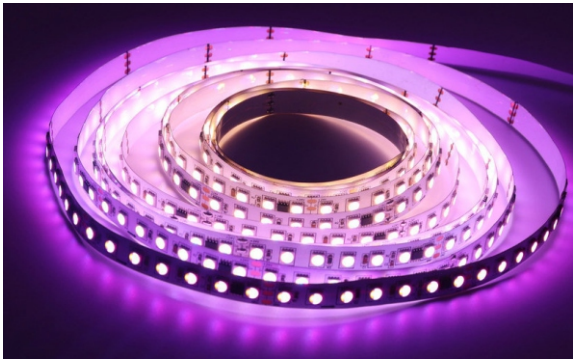
Dc12V/24V TM1814 RGB+white pixel led strip 60led/m

Features

1)No voltage drop with 10meter long, Bec we use the 10mm width enough 2oz pure copper pcb board.
2)60pcs 5050 RGBW quality led chip with pure copper bracket and pure gold wire and high brightness.
3)Standard TTL signal : TM1814 1 IC (the IC chip set outside the lamp).
4)with stable signal transmission ,can support all kinds of SPI controller.
5)Double membrane covering the pcb board ,good protection.
6)there is test tooling for pcb and other raw material to do better quality checking.

TM1814 RGBW





Specification

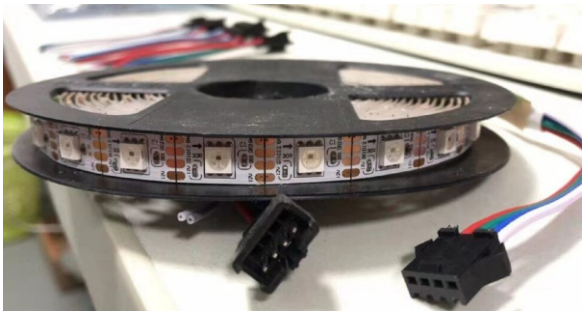
- Color:Full Color RGB+white(CCT for white :3000k 4000k and 6000k optional)
- View angle:120° Grary scale: 256
- LED Quantity: 60leds per meter(Dc24V with 6led as one pixel ,Dc12V with 3led as one pixel)
- Standard TTL signal :TM1814 ,same controller work as sk6812 , ucs1903,ws2811 ,,ect
- Working Input Voltage: 24V 14.4W/m(working voltage Dc12V optional)
- Size: 5000*10*2.5(mm), white/black PCB with width 10mm,
- Packaging: 5m/roll, customized length available
- PCB: 2oz thickness pcb board,
- Cutting unit: 3led with 12V, 6led with 24V
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :2year

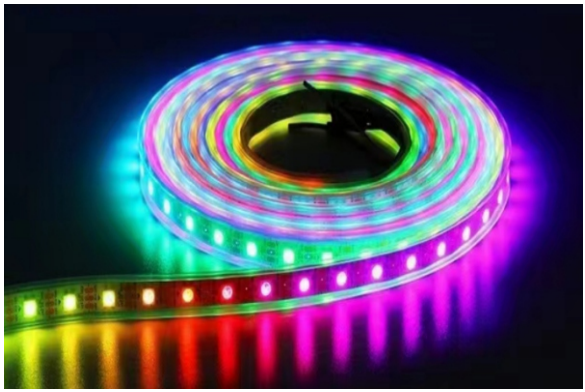
New 12V Dual signal sk6813 Digital addressable rgb led strip (IC chipset built-in 5050 RGB led lamp)

Features

SK6813

1)with Resistor-capacitor outside,it is better stable than ws2815
2)60pcs 5050 RGB quality led chip with pure copper bracket and pure gold wire and brightness>2100mcd
3)Standard TTL signal :sk6813 IC (the IC chipset built -in the lamp)
4)with dual signal ,one pixel broken ,no affect next one working.(same work as ws2815,ws2811)
5)Double membrane covering the pcb board ,good protection
6)No serious voltage drop with 10meter long Bec we use the 10mm width with enough 2oz pure copper pcb board.
7)We have test tooling for pcb and other raw material to do better quality checking .





Specification

- Color:Full Color RGB View angle:120° Grary scale:256
- LED Quantity: 60leds per meter(30led and120led and 144led per meter optional)
- Sk6813 IC with double signal (One pixel fail,no affect next one working)
- same controller work as sk6812 , ucs1903,ws2811 ,,ect
- Working Input Voltage: 12V Power:each led 0.24W (max)
- Size: 5000*10*2.5(mm) ,white/black PCB with width 10mm,
- Pixel pitch: 16.67mm
- Packaging: 5m/roll, customized length available
- PCB: 2.0ounce thickness board,(4OZ optional)
- Cutting unit: 1LED as one cut unit
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :2year

Dc5V sk6812/ws2812B Individually addressable Digital 5050 Pixel rgb led strip 30 60 74 96 144 pixels/m

Features

SK6812/WS2812B

1)Resistor-capacitor outside,it is better stable
2)5050 RGB quality led chip with pure copper bracket and pure gold wire and brightness>2100mcd
3)Standard TTL signal :sk6812/WS2812B IC (the IC chipset built -in the lamp)
4)Double membrance covering the pcb board ,good protection
5)No serious voltage drop with 10meter long Bec we use the 10mm width with enough 2oz/4oz pure copper pcb board.
6)We have test tooling for pcb and other raw material to do better quality checking .

Specification

- Color:Full Color RGB View angle:120°
- LED Quantity:30 60 74 96 144 LED per meter
- IC chipset:sk6812 , ws2812B, same controller work as ws2811 , ucs1903,ect
- Working Input Voltage: 5V Power:each led 0.24W (max)
- Size: 5000*10*2.5(mm)
- Pixel pitch:33.33mm 16.67mm 13.51mm 10.4mm 6.94mm
- Packaging: 5m/roll ,customized length available
- white/black PCB with width 10mm,96led and 144led has12mmwidth pcb
- Grary scale:256
- PCB: 2.0ounce thickness board,(4OZ for 96led and 144led)
- Cutting unit: 1LED as one cut unit
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :2year

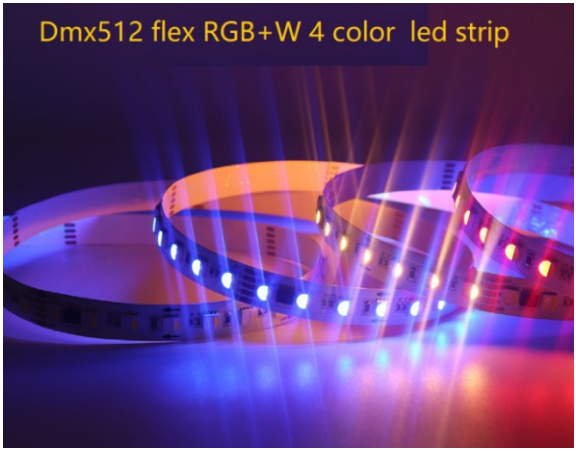
DMX512 LED strip

Dc24V DMX512 RGBW Pixel LED strip
(4 chip built-in one LED support more colors and brightness)

Features

TM512AC-RGBW

1)Standard 5 wire dmx512 rgb led strip with Standard dmx512 siganal with TM512AC.
2)60pcs 5050 RGB+white epistar led chip with pure copper bracket and pure gold wire and high brightness
3)Lower voltage drop ,bec with 12mm width enough 2OZ double high quality PCB ,
4)Double membrance covering the pcb board ,good protection,
5)We have test tooling for pcb and other raw material to do better quality checking .
6)M12 Type with Solid gold-plated 5 pin and Metal nut with AWG 18 cable



Specification

- Color:Full Color RGBW+W(CCT optional range from 3000K-1200K), View angle:120°
- LED Quantity: 60 leds per meter 6led (100mm)as one individual cutting part ,
- Working Input Voltage: Dc24V Power: 19.2watt/M ,
- Dmx512 IC chipset: 10 Pcs Per meter (dmx512 signal ,work with dmx512 directly ,no need any converter)
- Controller system: Art net;DMX512 controller;
- Size: 5000*12*2.5(mm), white/black PCB with 12mm width,
- Pixel pitch:100mm Cutting unit: 6LED is one cut unit
- PCB: 2.0ounce thickness board,(4OZ optional)
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

Dc24V DMX512 RGB Pixel LED strip 10 pixels 60led/m

Features

1)Standard 5 wire dmx512 rgb led strip with Standard dmx512 siganal with TM512AC ,
2)60pcs 5050 RGB epistar led chip with pure copper bracket and pure gold wire and high brightness
3)Lower voltage drop ,bec with 12mm width enough 2OZ double high quality PCB ,
4)Double membrance covering the pcb board ,good protection,
5)M12 Type with Solid gold-plated 5 pin and Metal nut with AWG 18 cable
6) We have test tooling for pcb and other raw material to do better quality checking

TM512AC-RGB

Specification

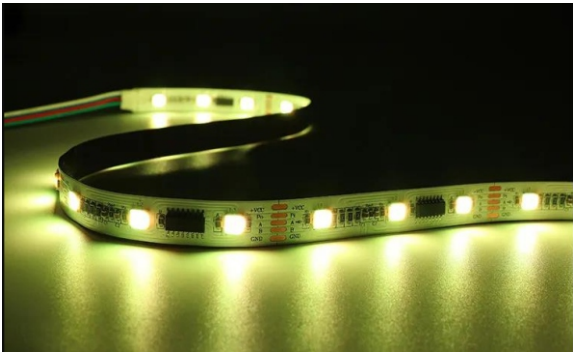
- Color:Full Color RGB, View angle:120°
- LED Quantity: 60 leds per meter 6led (100mm)as one individual cutting part ,
- Working Input Voltage: Dc24V Power: 19.2watt/M ,
- Dmx512 IC chipset: 10 Pcs Per meter (dmx512 signal ,work with dmx512 directly ,no need any converter)
- Controller system: Art net;DMX512 controller;
- Size: 5000*12*2.5(mm), white/black PCB with 12mm width,
- Pixel pitch:100mm
- Cutting unit: 6LED is one cut unit
- PCB: 2.0ounce thickness board,(4OZ optional)
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

Dc12 V DMX512 RGB Pixel LED strip 16pixels 48led/m

Features

1)Standard 5 wire dmx512 rgb led strip with Standard dmx512 signal with sm18512 IC chipset
2)48pcs 5050 RGB epistar led chip with pure copper bracket and pure gold wire and high brightness
3)Lower voltage drop ,bec with 12mm width enough 2OZ double high quality PCB ,
4)Double membrance covering the pcb board ,good protection,
5)M12 Type with Solid gold-plated 5 pin and Metal nut with AWG 18 cable,
6) We have test tooling for pcb and other raw material to do better quality checking ,

SM18512



Specification

- Color:Full Color RGB, View angle:120°
- LED Quantity: 60 leds per meter 6led (100mm)as one individual cutting part ,
- Working Input Voltage: Dc24V Power: 19.2watt/M ,
- Dmx512 IC chipset: 10 Pcs Per meter (dmx512 signal ,work with dmx512 directly ,no need any converter)
- Controller system: Art net;DMX512 controller;
- Size: 5000*12*2.5(mm), white/black PCB with 12mm width,
- Pixel pitch:100mm
- Cutting unit: 6LED is one cut unit
- PCB: 2.0ounce thickness board,(4OZ optional)
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

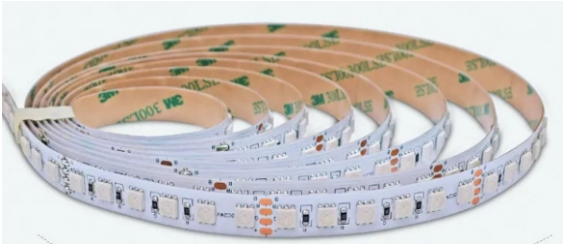
RGB LED strip

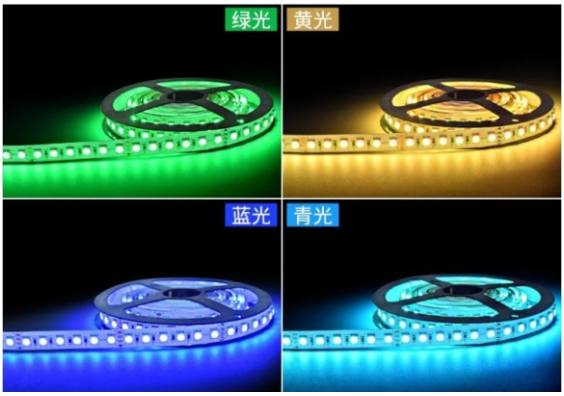
Dc24V Flex RGB flex led strip 60led/m 120led/m

Features

1)No serious voltage drop with 15meter long Bec we use the 2oz pure copper pcb board.
2)5050 RGB Quality epistar led chip with pure copper bracket and pure gold wire and brightness>2600mcd
3)Double membrane covering the pcb board ,good protection
4) We have test tooling for pcb and other raw material to do better quality checking

RGB/5050





Specification

- Color: RGB
- LED Quantity: 60led or 120per meter
- Working Input Voltage: 24V 0.24Watt for one led (max)
- Size: 5000*10*2.5(mm) for 60led/m 5000*12*2.5(mm) for 120led
- View angle:120°
- Packaging: 5m/roll,
- PCB: 2.0ounce thickness board,(3OZ optional)
- Remark: Dc12V working voltage optional
- Cutting unit: 6LED is one cut unit
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

Dc24V RGB+CCT flex led strip 60led/m 84led/m 96led/m 4 color in one led chip

Features

RGBW+CCT / 4 in 1

1)No serious voltage drop with 15meter long Bec we use2oz/3oz pure copper pcb board.
2) 5050 RGB+CCT quality epistar led chip with pure copper bracket and pure gold wire and high brightness.
3) 6LED as one cutting unit .
4) Double membrance covering the pcb board ,good protection.
5) We have test tooling for pcb and other raw material to do better quality checking

Specification

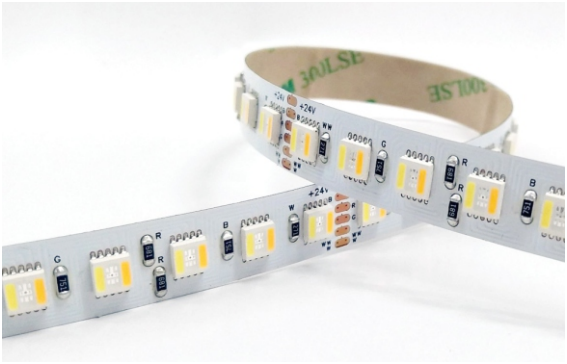
- Color: RGB+white(2700K 3000k 4000k 6000k optional)
- LED Quantity: 60led 96leds per meter(Dc24V with 6led as one cutting unit)
- Working Input Voltage: 24V 0.32Watt forOne Led(max)
- Size: 5000*12*2.5(mm)
- View angle:120°
- Packaging: 5m/roll, customized length available
- white/black PCB with width 12mm,
- PCB: 2.0 /3.0 ounce thickness board,(2Oz PCB for 60led/m,3oz for the 96led/m)
- Cutting unit: 6LED is one cut unit
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

Dc24V RGBWW+CCT flex led strip 60led/m 96led/m, 5 color in one led chip

Features

RGBWW+CCT / 5 in 1

1)No serious voltage drop with 15meter long Bec we use the 12mm width 3oz pure copper pcb board.
2)60pcs or 96pcs 5050 RGBW+WW quality epistar led chip with pure copper bracket and pure gold wire and brightness
3)Double membrane covering the pcb board ,good protection
4) We have test tooling for pcb and other raw material to do better quality checking



Specification

- Color: RGB+2700K+6500K
- LED Quantity: 96leds per meter(Dc24V with 6led as one cutting unit)
- Working Input Voltage: 24V 0.4Watt forOne Led(max)
- Size: 5000*12*2.5(mm)
- Packaging: 5m/roll, customized length available
- white/black PCB with width 12mm,
- PCB: 2.0 /3.0 ounce thickness board,(2Oz PCB for 60led/m,3oz for the 96led/m)
- Cutting unit: 6LED is one cut unit
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :3year

White LED strip

IP rating

IP20

Non-Waterproof

IP54

Spary/Nano Coated

IP65

Sillcone glue Coated

IP67

Sillcone tube

IP67

Sillcone integrated molding/Extrusion

IP68

Sillcone tube injected **silicone gel**

High CRI 2835 120led Flexible LED Strip DC24V with 10mm width

Features

1)No serious voltage drop with 20meter long Bec we use the 2oz pure copper pcb board.
2)Quality sanan 2835 led chip with pure copper bracket and pure gold wire and high lumen 26lm per led
3)Double membrane covering the pcb board ,good protection
4)CRI>90 for white color
5) We have test tooling for pcb and other raw material to do better quality checking ,

2835 white

Specification

- DC24V low-voltage power supply, security and energy efficiency
- 10W per meter
- CRI:>90 lumun:26lm per 2835 LED
- High brightness low power consumption
- Led type: 2835 SMD led
- PCB Width:10mm
- Led lighting angle: 120°
- Led quantity: 120leds/m
- Operation temperature: -20-50℃
- Lifespan: 50,000hours
- Color:2700K 3000k 4000k 5000K 6000K and other monochrome optional
- Water-proof rating: IP20/IP65/IP67/IP6
- Cutting unit: 6LED is one cut unit
- warranty :3year

Dc24V 2835 Dual CCT Dimmable LED Strip 192leds/M 10mm width

Features

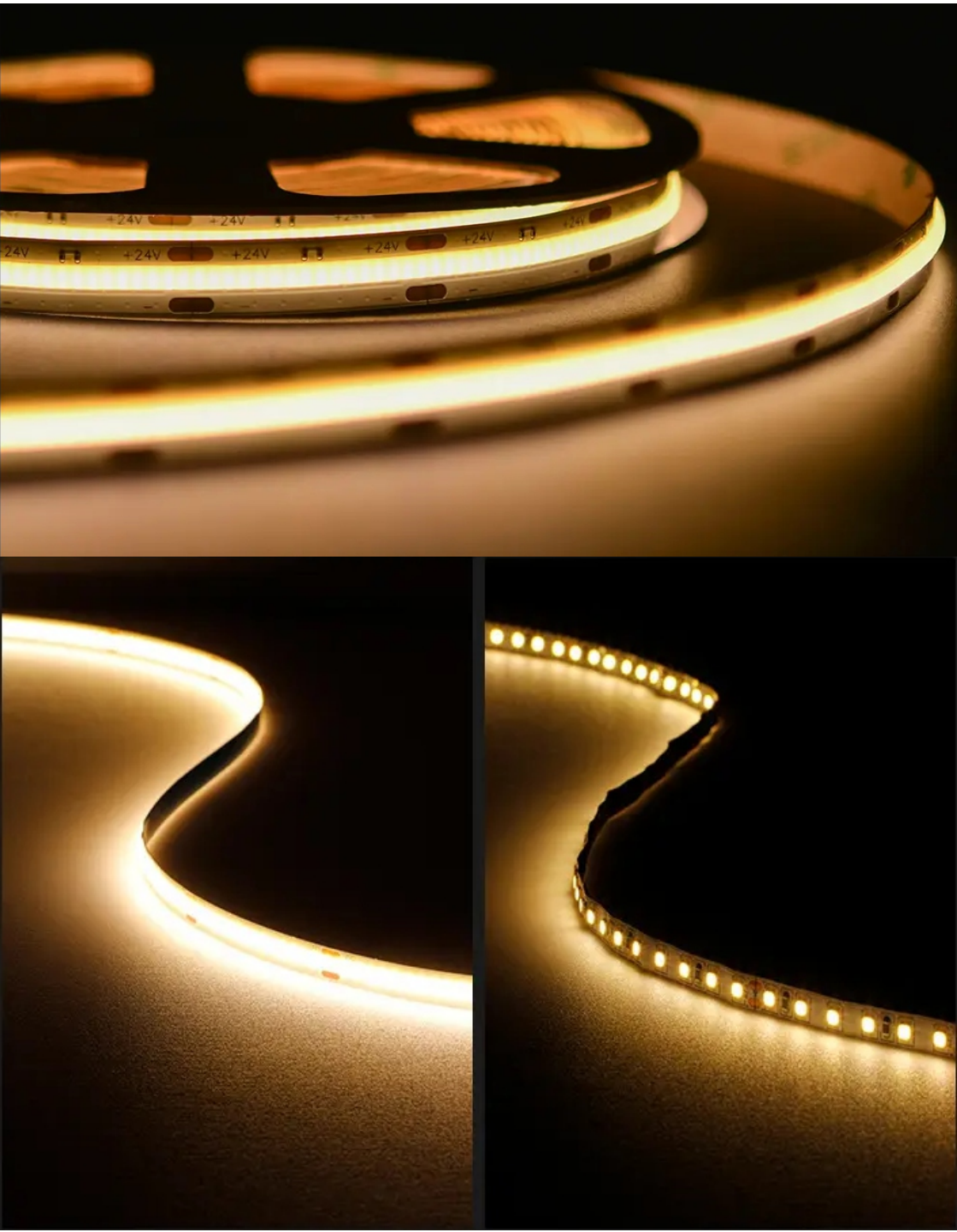
1)No serious voltage drop with 20meter long Bec we use the 2oz pure copper pcb board.
2)Quality SANAN 2835 led chip with pure copper bracket and pure gold wire and high lumen 26lm per led
3)High brightness low power consumption
4)CRI>90 for white color
5)We have test tooling for pcb and other raw material to do better quality checking.

2835 dual white

Specification

- Dc24V working voltage 10W/m
- CRI:>90 lumun:26lm per 2835 LED
- Led type: 2835 SMD led
- LED Quantity: 192leds/Meter (96pcs Warm white LED 2700K +96pcs Cold White LED6500K) (can make customized CCT as customer required)
- PCB Width:10mm
- Led lighting angle: 120°
- Operation temperature: -20-50℃
- Lifespan: 50,000hours
- Color:2700K 3000k 4000k 5000K 6000K and other optional
- Water-proof rating: IP20/IP65/IP67/IP67
- Cutting unit: 12LED is one cut unit
- warranty :3year

COB LED strip

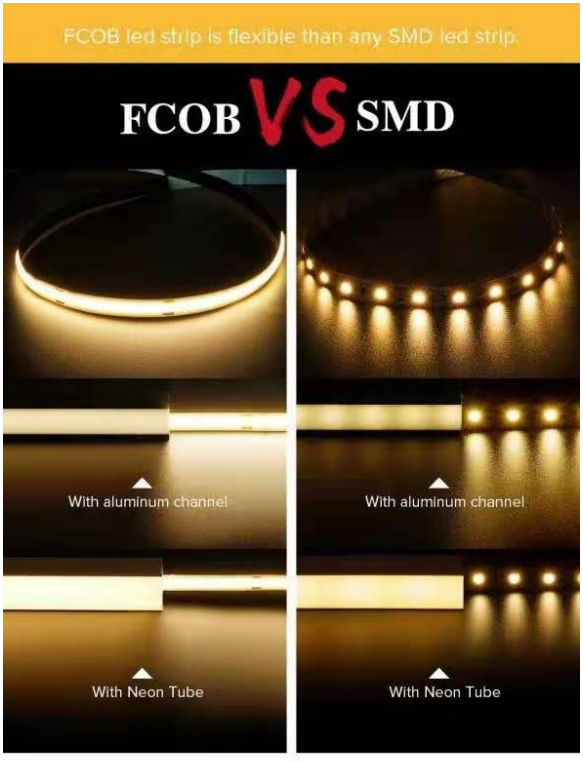


Dc24V High CRI >90 COB flex led strip 480leds/m 27000k 3000k 4000k 6000k optional

Features

1)High CRI 93 COB flex led strip 480led per meter Dc24V
2)there is Even and soft light radiation, no glaring and no lighting spot,very bright.
3)a good replacement of smd 2216 ,2110 led strip,
4)Ra>93
5)There is even and soft light radiation, no glaring and no lighting spot, very bright. good replacement of smd 2216,2110,2835 led strip.

COB white



Specification

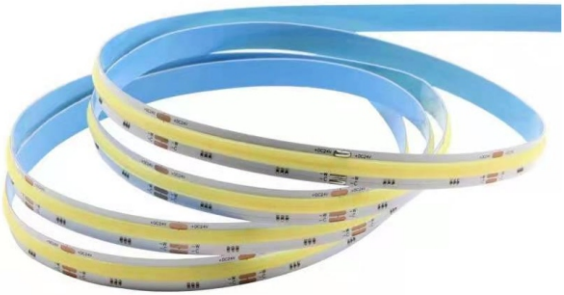
- Voltage: DC24V 10W/m
- Beam Angle: 180°
- LED Qty: 480 per meter
- Dimension: 8mm
- Dimension: 5000*8mm
- Color: 2700K/3000K/4000K/6000K/Red/Green/Blue,ect
- Packaging: 5m/roll, customized length available
- PCB: 2.0ounce thickness board,(3OZ optional)
- IP Rate: Ip20 ,Ip65,IP67,IP68
- warranty :2year
- Remark: Dc12V working voltage optional and other color optional

Dc24V High CRI Dual white COB flex led strip 608 leds per meter

Features

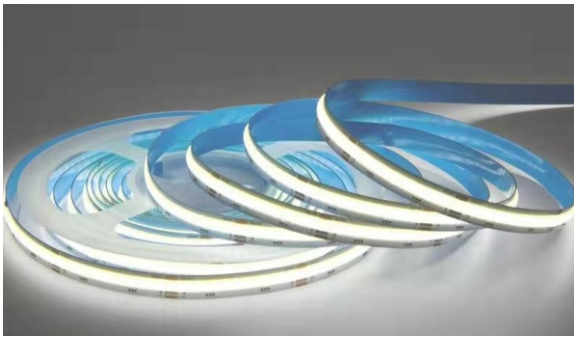
1)there is Even and soft light radiation, no glaring and no lighting spot,very bright.a good replacement of smd 5050/3838 RGB led ,

COB dual white



Specification

- Voltage: DC24V
- LED Qty: 608 per meter
- Dimension: 10mm
- Beam Angle: 180°
- Dimension: 5000*10mm
- Color : 2700K+6500K
- Packaging: 5m/roll, customized length available
- PCB: 2.0ounce thickness board,(3OZ optional)
- IP Rate: Ip20,Ip65,IP67,
- warranty :2year
- Remark: Dc12V working voltage optional with 756led per meter
- Cutting unit: 26.31mm with 24V

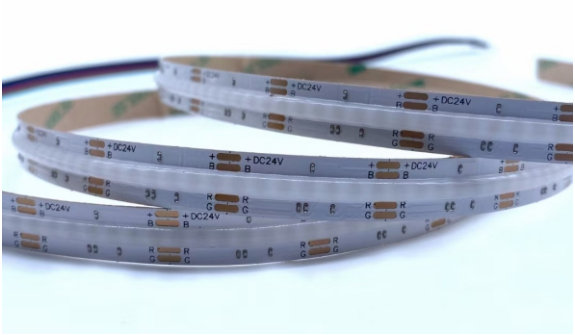


Dc24V 14W Flex COB RGB led strip 768 led per meter with 10mm width

Features

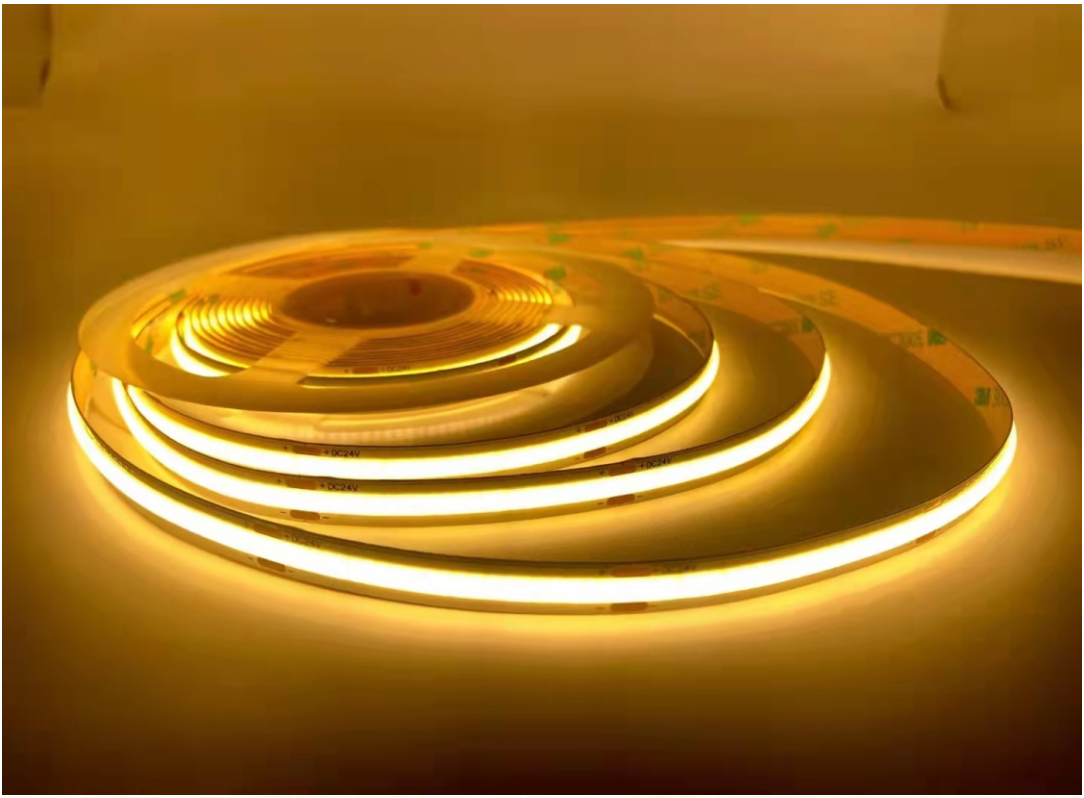
1)there is Even and soft light radiation, no glaring and no lighting spot,very bright.a good replacement of smd 5050/3838 RGB led ,

COB RGB



Specification

- Voltage: DC24V
- LED Qty: 768 per meter
- Dimension: 10mm
- Beam Angle: 180°
- Dimension: 5000*10mm
- Color: RGB
- Packaging: 5m/roll, customized length available
- PCB: 2.0ounce thickness board,(3OZ optional)
- IP Rate: Ip20 ,Ip65,IP67,
- warranty :2year
- Remark: Dc12V working voltage optional with 756led per meter
- Cutting unit: 31.26mm with 24V 23.81mm with 12V



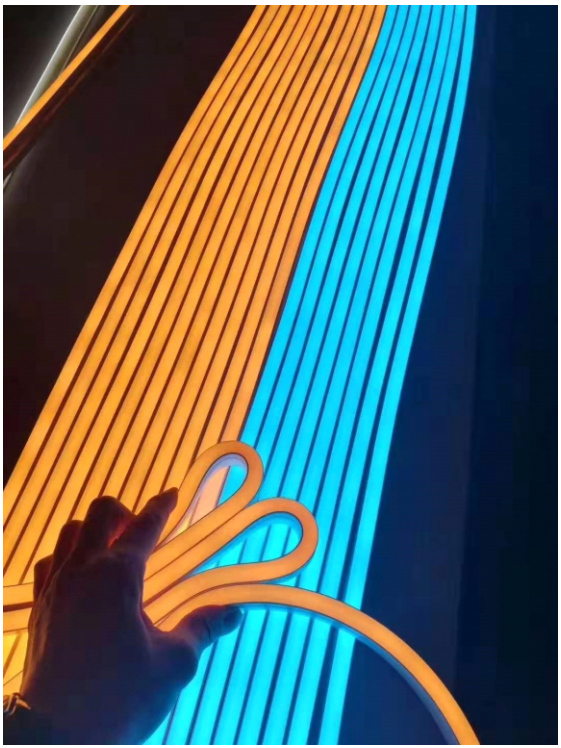
Parameter

Model No	320led/M			384led/M		480led/m		528led/m		608led/m		576led/m	
Voltage	5V	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V	12V	24V
PCB Width	8mm			5/8mm		8mm		10mm		8/10mm		10mm	
CRI	RA>90			RA>90		RA>90		RA>90		RA>90		RA>90	
Beam angle	180°			180°		180°		180°		180°		180°	
Color	2700/3000/4000/6000K			2700/3000/4000/6000K		2700/3000/4000/6000K/color		2700/3000/4000/6000K		2700+6500K		RGB	
Cut Length	12V=25mm 5V/24V=50mm			12V= 24V= 41.66mm		12V=25mm 24V=50mm		12V= 24V= 45.45mm		12V= 24V= 26.31mm		12V= 31.25mm 24V= 62.5mm	

Neon LED strip

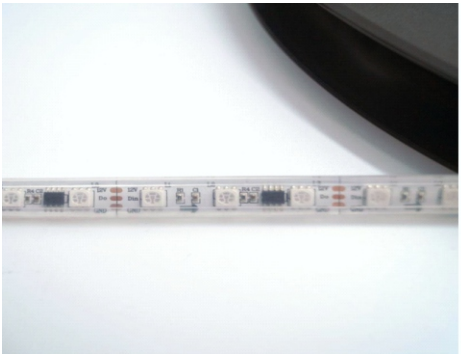
Our advantages of suppling New Flex silicone Neon LED

- There are flat & curved flexible Neon LED here
- Curved type can replace LED tube ; flat types can replace linear led bar;
- There are all Types of Neon led with 360 beam angle ,270 beam angle 180 and ,120 beam angle for optional ;
- there is no dark area and No light leakage for monochrome series;
- The length, power, brightness and CCT ,ect all can be customized at you want;
- can be folded and bent without problem and Easy to be installed and transported;
- Applied well in all kinds of High-end venue and outdoor use (Ip rate: 67);
- take the advantage of unique optical technique and special housing design ,it increases the intensity and uniformity of light greatly ,anti UV
- All Types belong to low voltage flex led strip,voltage varies from DC5V-DC24v, can be cut at 1led,3led,6leds to make a individual part;
- Enough Mounting accessories and end caps included for project use;
- Packing : 5m/roll ,Static bag seal packing(locking static bag+moisture-proof desiccant)
- Warranty: 2years warranty



There are many silicone tube size optional
Flat size (12mmX6mm)(20mmX12mm)(20mmX20mm)(H.W)

Cured size(15mmX10mm)(20mmX12mm)(25mmX15mm)(H.W)



Neon Series

A. Front emitting series

T0511

T0513

T0515

T0606

T1010

T1212

T1616

T2014

T2016

B. Side emitting series

T0410

T0612

T0613

T0815

T0817

T1018

T1220

T1023

T1225

C. Front emitting(T5 tube, 360°)

T1313

T13D

T1315

T20D

T22D

3020

4025

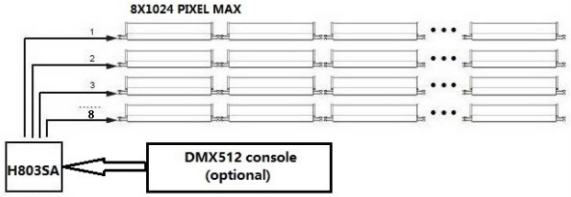
Controller and accessories

Programming online and offline 8096pixels artnet led controller with sd card support dmx512 console H807SA

Introduction

H807SA has eight-port output single controller that can be online and can be offline, and can control up to 8192 pixels. Support Art-Net protocol, DMX chip address, can connect to DMX console and add or delete DAT files through LAN.
H807SA Support most commonly used chips and protocols in the market.
The supporting software is "led studio" V4.47

H807SA



Features

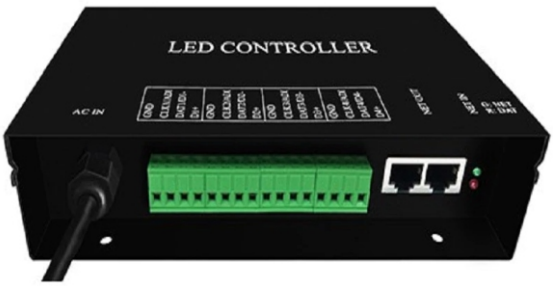
1)supports Art-Net protocol, 8 ports, each port outputs max 6 universes
2)Work in SD card mode(offline mode), and can also be connected to DMX console,When H807SA is connected to DMX console, H807SA occupies 7 or 8 channels(depend on RGB or RGBW), Have DMX512 interface for DMX512 console change brightness, color, file, speed.
3)In ArtNet mode, H807SA can control max 8160 RGB fixtures, or max 6144 RGBW fixtures
4)H807SA supports dozens of led chips, such as WS2812, WS2813, UCS1903, TM1914, etc
5)In SD card mode(offline mode), H807SA supports max 8192 pixels with 8 ports
6)support DMX512 ic address edit
7)artnet LED controller with LCD display ,which support madrix or resolume arena,ect. look for details from rose light website please
8)software:ledbuid or led studio or arnet software such as madrix or resolume arena

H802RA Artnet led Controller 4 Universes, 680 Pixels Per Universe Support online ledstudio software and Artnet MADRIX

Introduction

H802RA

H802RA adopts standard Ethernet protocol and supports ArtNet protocol.
Four output ports, can control a variety of LED driver chips, support automatic addressing function.
The input network port can be directly connected to the computer network card, and can also be connected to the offline and online master control (H802TB, H802TC, H804TC, H805TC, H803TV), and can also be connected to the switch and the photoelectric converter.
When online, the supporting software is “LED Studio Software” or “MADRIX”, and the offline supporting software is “LED Programming Software”.



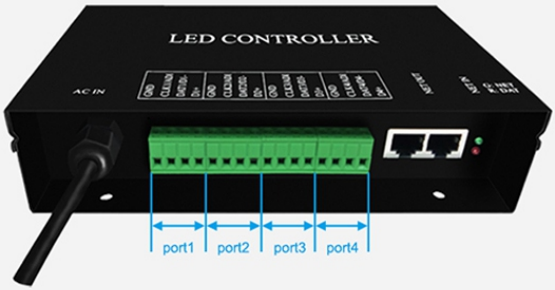
Features

1). H802RA supports Art-Net protocol, 4 ports, each port outputs max 4 universes.
2).Support online ledstudio software
3). In ArtNet mode, support Artnet MADRIX Jinx!,Resolume,etc
4). H802RA supports dozens of led chips, such as WS2812, WS2813, UCS1903, TM1914, sm16703 etc
5). In online mode, H802SA supports max 4096 pixels with 4 ports.
6). support DMX512 ic address edit look for details from rose light website please
7).software:ledstudio or arnet software such as madrix or resolume arena

Distance between two controllers can be up to 100 meters.

It is a powerful device for sure !

Each port supports maximum 680 pixels (4 universes) for art-net. It also supports online encoding for DMX512 chips.



Support most of common used chips

TM1812, TM1804, TM1809, UCS1903, UCS1909, UCS1912, WS2811, WS2812, WS2813, SK6812, SM16703, SM16709, SM16712, INK1003, UCS512, WS2821, TM512, APA102, SK9822.

High compatibility,
access to astonishing effects easily

H802RA supports art-net protocol (works in online mode), which allows you to use the software that is compatible with art-net protocol, you can get astonishing effects easily.

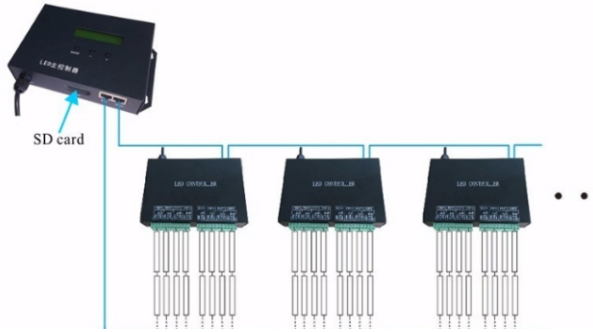
H801RC 8 ports led slave online controller drive max 8192 pixels connect to PC or master controller

Introduction

H801RC

H801RC can be directly connected to the computer network port, and can also be connected to offline and online master control (H802TB, H80XTC). 8 output ports, maximum control 8192 points.

It can be connected and removed, and can be directly connected to the computer network card, eliminating the main control, which saves cost and is more convenient to use; It can also be connected to offline and online master controllers (H802TB, H80XTC), and can also be directly connected to switches and photoelectric converters.



Features

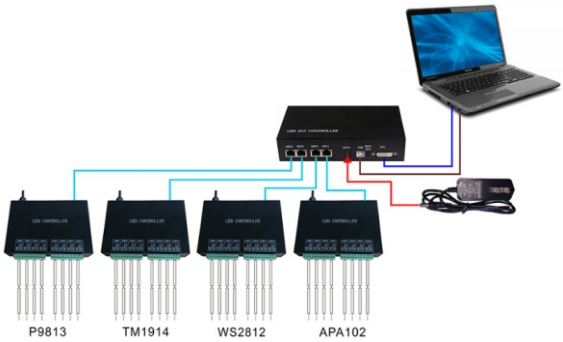
1). H801RC has 8 ports, each port outputs max 1024Pixels.
2).Support online ledstudio software.
3).support drawing pixels online with ledstudio software .
4). H801RC supports dozens of led chips, such as WS2812, WS2813, UCS1903, TM1914, sm16703 etc
5) H801RC works online or offline Mode, H801RC can be connected to online PC or offline master controller
6). support DMX512 ic address edit look for details from rose light website.
7).software:ledstudio or arnet software such as madrix or resolume arena

LED DVI controller H803TV LED Master Controller Support 400000 Pixel DMX/SPI LIVE Transmission controller computer or DVI to LED Display

Introduction

H803TV

H803TV is an online master controller that transmits data through dvi/hdmi interface. It has the characteristics of fast transmission speed and many LED lamps. It can run without the supporting computer software, so it can connect computers with various operating systems and any DVI/hdmi output interface device. It mainly uses the copy mode when connecting the computer. Of course, it also supports the multi monitor expansion mode and dual monitor mode.
The supporting sub controllers are H801RA and H801RC. The supporting software is "led Studio" software V3.97 and above.



Features

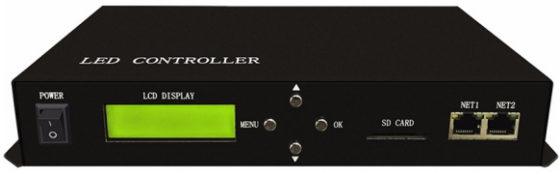
1). H803TV is an online master controller
that transmits data over DVI/HDMI interface.
2). Four network interfaces drive maximum 400000 pixels.
3). It supports dual-monitor mode, multi-monitor extension mode and duplication mode.
4). it support Artnet MADRIX Jinx!,Resolume,etc via DVI Mode
5). H803TV supports dozens of led chips, such as WS2812, WS2813, UCS1903, TM1914, sm16703 etc
6). Use the autorun USB to transmit and control data, which is applied to both 32-bit and 64-bit operating systems.
7).It following resolutions: 1024×768, 1280×720, 1280×960, 1280×1024, 1360×765, 1360×1020, 1600×900, 1600×1200.
8).It supports dual-monitor mode, multi-monitor extension mode and duplication mode.

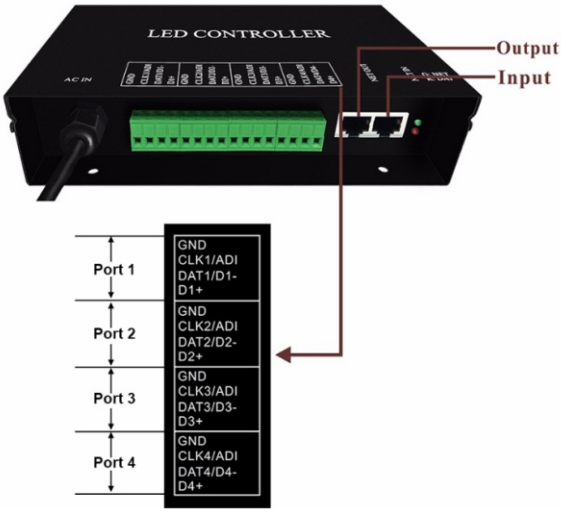
LED online/offline master led controller H803TC support dmx512 console with sd card and support artnet mode with led slave H802RA

Introduction

H803TC

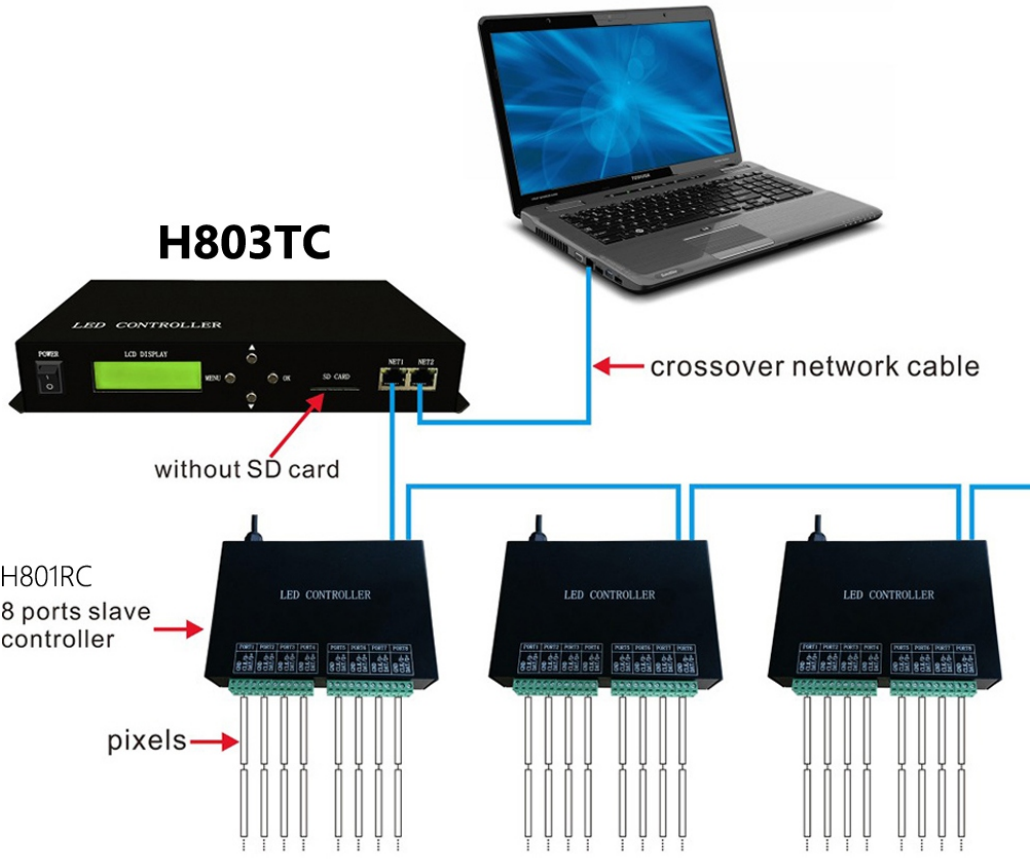
H803TC can be used online or offline, with automatic switching. When offline, read data from SD card to control sub control. When online, use network port 1 to connect the sub control, and network port 2 to connect the computer network port. When using the online software led Studio software to send data, network port 1 forwards the data received by network port 2; When the online software stops sending for 1.5 seconds, the controller immediately reads the data from the SD card and sends it.
The supporting sub controllers are h801ra, h802ra and h801rc. The supporting software is led Studio software online and led programming software offline.

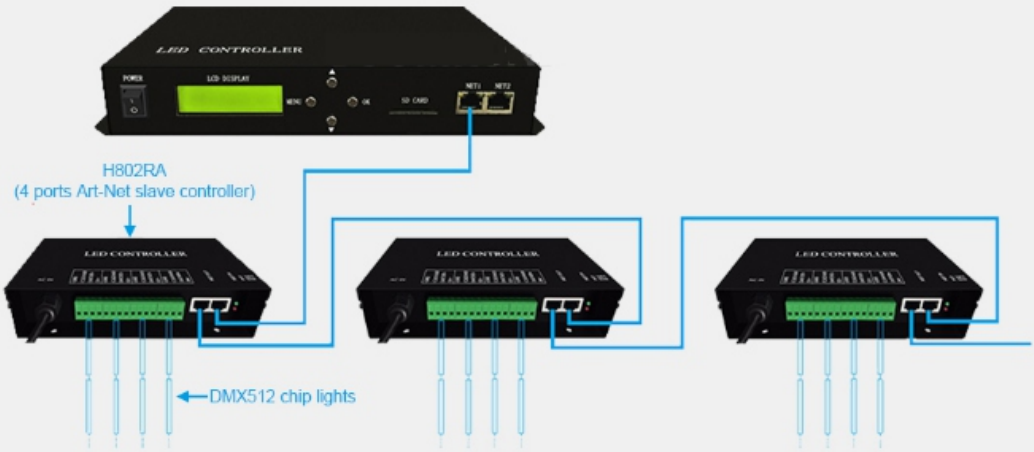




Features

1) Switch automatically among online and offline status.
2)Each set can carry 122 880 points, and can be connected to 255 sub-controllers.
3)Multiple controllers can be synchronized with AC power supply, can connect DMX console.
4)H803TC can work with PC(online mode), SD card(offline mode) or DMX console.
5)It can be controlled synchronously in LAN and supports Art-Net protocol.(art-net, slve controller must use H802RA)
6)You can set address for DMX512 chips with H803TC.


H803TC
LED CONTROLLER
crossover network cable
without SD card
H801RC
8 ports slave controller
LED CONTROLLER
LED CONTROLLER
LED CONTROLLER
pixels


LED CONTROLLER
H802RA
(4 ports Art-Net slave controller)
LED CONTROLLER
LED CONTROLLER
LED CONTROLLER
DMX512 chip lights

Programming 12 port 12X1024 pixels Online and offline led controller 6612pro support Art-net and dmx512 console

Introduction

6612pro

6612 is a single led controller of the off-line control system. It has 12 output ports, can control 122888 Pixels. 6612 can be connected to DMX console. Customer can adjust it via DMX console.6612 has 12 output ports, drives maximum 12288 pixels.
Three buttons and LCD screen are convenient for operation.
Can be synchronized with AC power supply and connected to DMX console.
Software is “ShadowDraw.

It also support external console control, support access to private room intelligent central control, real-time control.
programming 12X1024 pixels Artnet-Pixel (spi/dmx) led controller support madrix to make Live preview,ect.

Features

1). 12 output ports, controls maximum 12288pixels, each port controls maximum 1024 pixels.
2). Offline SD card, single model controller, with sd card to play the programs inside.
3). Shadow-1-6612 can be connected to DMX console, you can replace file, and adjust speed and brightness by DMX console.
4). FPGA as the core processor, truly realizes high-load, high-speed, and high-gray control
5). suport drawing lighting diagram wireless (inkbook wifi inside the led controller)
6). LED display, display parameters and address codes, and set address codes and parameters in combination with buttons
7). The output interface can be compatible with differential signals and TLL signals at the same time

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