

High Refresh Rate SMD2727 Seamless Rental LED Display P4.81 MBI5124

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Vegoo
- Certification: CE/ROHS/FCC/
- Model Number: VG-RD 4.81
- Minimum Order Quantity: 1 sq.m
- Packaging Details: Flight case
- Delivery Time: 10-15 days
- Supply Ability: 3000sq.m/month



Product Specification

- Product Name: P4.81 Outdoor Full Color LED Display
- Density: 43,243 Pixel/m²
- Moduel Size(L×W)mm: 250mm×250mm
- Cabinet Size(L×W×H)mm: 500mm×1000mm×90mm
- Brightness: 4500cd/
- Contrast: 1000:1
- Highlight: stage rental led display,
outdoor rental led display



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Product Description

P4.81 Outdoor Full color LED Display 250mm×250mm

Description:

1. Fine and Smooth Picture

Drive IC of high refresh rate and high grey scale to ensure stable picture and better visual effect of the screen. The latest horizontal-blanking circuit applied to completely eliminate phenomenon of blanking and smear.

2. Seamless Splicing

High conformity of picture without gap and information missing, realizing a seamless splicing display.

3. Fast Installation and Dismantlement.

P4.81 Outdoor Full color LED Display Specification

Product Name	Specification
Pixel Pitch	4.81mm
Pixel Configuration	1R1G1B/SMD2727
Density	43,243 pixel/m ²
Module Size(L×W)mm	250mm×250mm
Cabinet Size(L×W×H)mm	500mm×1000mm×90mm
Module Resolution	52×52
Cabinet Resolution	104×208
Driving Method	1/13 Scan
Driving IC	MBI5124
Brightness	4500cd/
Contrast	1000:1
Brightness Adjustment	Auto and Manual
Power Consumption	Max Power: 560W
	Average power: 320W
Module Weight	0.663kg
Color Temperature	9500K—11500K
Horizontal Viewing Angle	140°
Vertical Viewing Angle	140°
Signal Processing	10 or 14bit
Grey Processing	1024×1024×1024
	16834×16834×16834
Control Distance	cable100m,Multimode500m,Single mode 2km
Frame Frequency	65 Hz
Refresh Rate	>1920Hz
Control Mode	Synchronous/Asynchronous
The Opposite Calibration Curve	With Eight Optional Gamma Calibration Curve
	Users can choose the recommended curve or adjust it based on actual situation
MTBF	>50000 hours
Life Span	100,000 Hours
Operating Temperature	Working : -20 - 65 °C
	Storage : -40 - 85 °C
Environment Temperature	-30°C to 60°C; humidity Rh10% to 95%
Remote Control	Can realize remote control and send alarm signal to operators in case of logging failure (Be customized)
Self-checking Technique	Self-inspection, communication test, power test, temperature monitoring (Be customized)
Operating System Platform	WindowsNT,Windows2000,WindowsXP,Windows7
Power Supply	AC 110-220V

Protection	waterproof, dustproof, high temperature prevention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)
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Quality Guarantee:

1.The Selection of led

Red, Green and Blue light emitting diode (LED) lamps should be the same grade, height and wavelength on the same display. The height of Red, Green and Blue light from light emitting diode (LED) lamps at the proportion of R:G:B=3:6:1. The chips were imported from Optotech Cree/ Nichia are adopted. Adopted automation solid crystal, light split, bonding wire, bagging;

2. Reliability Test

In order to avoid the potential defects caused in the design and production, we conduct a series of reliability test such as the electronic performance test for the semi-finished products, the anti dust test, the waterproof test, the anticorrosion test (salty spraying test), the vibration test and thermal shock tester etc. The reliability test for the semi-finished products: Before gluing semi-finished modules, more than 48 hours aging should be made in the high temperature for all the modules. After QC inspection ok then can package it. The reliability test for the finished products.: After assembling finished modules to the led cabinets and simulating the assembly for the whole cabinets, we keep them aging for more than 72 hours, if no defects found, then we will delivery goods to our customers. The waterproof test: During the rainy seasons, the waterproof performance for the outdoor led display is quite important. The performs high-pressure water spraying as well as against the front cabinet to ensure, if waterproof test in good conditions, therefore, protection rate can reach IP65. The anti corrosion test: In order to ensure the reliability of anti corrosion of the PCB and cabinet, hence the salty spraying test must be made during the productions. Vibration test: For different kind of screens, in order to ensure the reliability of transportation and moving, therefore, the simulated vibration test must be conducted. The environment test: The real outdoor environment can ensure the effects of display in factory are the same as the spot effects.

3. Quality Management Implement 5 s site management, general SPC statistical process control methods. Through the ISO9001, CE, ROHS, FCC certification Perfect quality, IQC, IPQC, OQC, LQC, QA engineering, QE engineering and supplier management



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