



## High Refresh Rate P4.81 Outdoor Full Color Stage Rental Led Display 4500cd/

Our Product Introduction

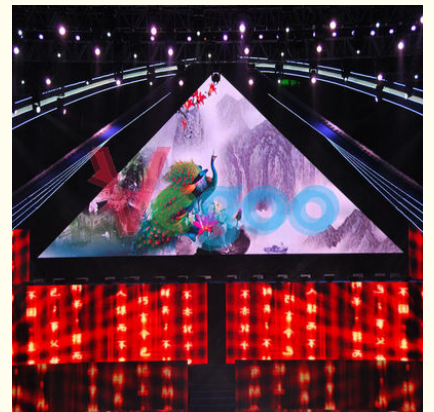
### Basic Information

- 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
- Pixel Pitch: 4.81mm
- Pixel Configuration: 1R1G1B/SMD2727
- Moduel Size(L×W)mm: 250mm×250mm
- Cabinet Size(L×W×H)mm: 500mm×500mm×90mm
- Contrast: 1000:1
- Highlight: stage rental led display,  
outdoor rental led display



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## Product Description

### P4.81 Outdoor Full color Rental LED Display 4500cd/

#### Description:

1. Super Light and Thin

0.663kg/panel which is half of the depth of traditional LED screen, saving space and transportation cost.

2. High Refresh Rate

Refresh Rate  $\geq$  1920Hz, offering impressive visual effect.

3. Noiseless

Free of fans and air conditions, excluding noise and reducing power consumption.

### P4.81 Outdoor Full color LED Display Specification

NO:	Product Name	Specification
1	Pixel Pitch	4.81mm
2	Pixel Configuration	1R1G1B/SMD2727
3	Density	43,243 pixel/m <sup>2</sup>
4	Module Size(L×W)mm	250mm×250mm
5	Cabinet Size(L×W×H)mm	500mm×500mm×90mm
6	Module Resolution	52×52
7	Cabinet Resolution	104×104
8	Driving Method	1/13 Scan
9	Driving IC	MBI5124
10	Brightness	4500cd/
11	Contrast	1000:1
12	Brightness Adjustment	Auto and Manual
13	Power Consumption	Max Power: 560W
14		Average power: 320W
15	Module Weight	0.663kg
16	Color Temperature	9500K—11500K
17	Horizontal Viewing Angle	140°
18	Vertical Viewing Angle	140°
19	Signal Processing	10 or 14bit
20	Grey Processing	1024×1024×1024 16834×16834×16834
21	Control Distance	cable100m, Multimode500m, Single mode 2km
22	Frame Frequency	65 Hz
23	Refresh Rate	>1920Hz
24	Control Mode	Synchronous/Asynchronous
25	The Opposite Calibration Curve	With Eight Optional Gamma Calibration Curve
26		Users can choose the recommended curve or adjust it based on actual situation
27	MTBF	>50000 hours
28	Life Span	100,000 Hours
29	Operating Temperature	Working : -20 - 65
30		Storage : -40 - 85
31	Environment Temperature	-30 to 60 ; humidity Rh10% to 95%
32	Remote Control	Can realize remote control and send alarm signal to operators in case of logging failure (Be customized)
33	Self-checking Technique	Self-inspection, communication test, power test, temperature monitoring (Be customized)
34	Operating System Platform	WindowsNT, Windows2000, WindowsXP, Windows7
35	Power Supply	AC 110-220V

36	Protection	waterproof, dustproof, high temperature pervention, 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 displayThe height or Red ,Green and Blue light emitting diode(LED ) lamps at the proportion of R:G:B=3:6:1The 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 itThe 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 IP65The 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

