

## High Definition Led Screen Ball , P4 SMD Full Color Curved Led Display

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Vegoo
- Certification: CE/ROHS/FCC/
- Model Number: VG-SD P4
- Minimum Order Quantity: 1 Sq.m
- Packaging Details: Plywood case / Flight case / Carton box
- Delivery Time: 35-60 working days



### Product Specification

- Product Name: Ball LED Display
- Pixel Pitch: 4mm
- Density: 62,500 Pixel/m<sup>2</sup>
- Cabinet Size(L×W×H)mm: 512mm×512mm×90mm
- Brightness: 1000cd/
- Contrast: 1000:1
- Color Temperature: 9500K—11500K
- Horizontal Viewing Angle: 140°
- Highlight: led ball screen, led video ball



## Product Description

### P4 SMD Full Color Curved Led Display High Definition

#### Description:

#### P4 SMD high definition full color flexible led ball display

- 1.wide viewing angle
- 2.hi-uniformity
- 3.CE,ROHS,FCC
- 4.tech supp

#### Applications:

Stage Background  
 Airport Station  
 Television Relay

#### P4 Indoor Full color LED Display Specification:

Product Name	Specification
Pixel Pitch	4mm
Pixel Configuration	1R1G1B/SMD2121 Black lamp
Density	62,500 pixel/m <sup>2</sup>
Module Size(L×W)mm	256mm×128mm
Cabinet Size(L×W×H)mm	512mm×512mm×90mm
Module Resolution	64×32
Cabinet Resolution	128×128
Driving Method	1/16 Scan
Driving IC	MBI5124 or ICN 2038S
Brightness	1000cd/
Contrast	1000:1
Brightness Adjustment	Auto and Manual
Power Consumption	Max Power: 610W
	Average power: 240W
Module Weight	0.2kg
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%
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

## 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



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