



## Waterproof P16 Outdoor Full color LED Display 8500cd/ , Static Driving Method

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Vegoo
- Certification: CE/ROHS/FCC/
- Model Number: VG-FD P10
- Packaging Details: Plywood case / Flight case / Carton box
- Delivery Time: 3-5 days
- Supply Ability: 3000Sq.m



### Product Specification

- Product Name: P16 Outdoor Full Color LED Display
- Pixel Pitch: 16mm
- Pixel Configuration: 1R1G1B/DIP 546
- Density: 3,906 Pixel/m2
- Moduel Size(LxW)mm: 256mmx256mm
- Driving IC: MBI5124
- Brightness: 8500cd/
- Contrast: 1000:1
- Highlight: outdoor digital signage displays,  
outdoor full color led screen



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## Product Description

### Description:

Our traditional LED displays are perfect for projects with standard requirements and smaller budgets. The advantages of P16 Outdoor Full color LED Display

- Reliability & durability
- Cost-efficiency
- Waterproof

### P16 Outdoor Full color LED Display Specification

Product Name	Specification
Pixel Pitch	16mm
Pixel Configuration	1R1G1B/DIP 546
Density	3,906 pixel/m <sup>2</sup>
Module Size(L×W)mm	256mm×256mm
Cabinet Size(L×W×H)mm	1024mm×1024mm×130mm
Module Resolution	16×16
Cabinet Resolution	64×64
Driving Method	Static
Driving IC	MBI5124
Brightness	8500cd/
Contrast	1000:1
Brightness Adjustment	Auto and Manual
Power Consumption	Max Power: 1200W
	Average power: 550W
Module Weight	0.8kg
Color Temperature	9500K—11500K
Horizontal Viewing Angle	140°
Vertical Viewing Angle	140°
Signal Processing	10 or 14bit
Control Distance	cable100m,Multimode500m,Single mode 2km
Frame Frequency	65 Hz
Refresh Rate	>1920Hz
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 pervention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)

### 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 from 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-press 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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