

## 1R1G1B/SMD3535 P10 Outdoor Full color LED Display 320mm×160mm

Our Product Introduction

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### 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: P10 Outdoor Full Color LED Display
- Pixel Pitch: 10mm
- Moduel Size(L×W)mm: 320mm×160mm
- Module Resolution: 32×16
- Cabinet Resolution: 96×96
- Driving Method: 1/ 2 Scan
- Driving IC: MBI5124 Or ICN 2038S
- Brightness: 7500CD /
- Contrast: 1000:1
- Highlight: **outdoor advertising led display screen,  
outdoor full color led screen**



## Product Description

### Strict quality control procedure:

a. Aging testing: 72 hours aging testing in high temperature for LED Modules before glue painting and after QC functional testing, another 72 hours aging testing for LED cabinet before delivery.

b. Waterproof testing: The assembled LED cabinets need to be taken shower comprehensively, and the front side put into the water. It ensures the Ingress Protection level is up to IP65.

c. Anti-rusting testing: PCB, Screws, and LED cabinets are under salty testing for 24 hours

d. Simulated Vibration test: To avoid the defect during transportation, the Simulated Vibration test has been conducted before delivery, especially for the Traffic Sign and Truck-Mounted LED Display.

e. The Debugging testing: The debugging testing of the whole screen under a simulated installation environment is conducted for ensuring high-quality display performance on the real spot.

### P10 Outdoor Full color LED Display Specification

Product Name	Specification
Pixel Pitch	10mm
Pixel Configuration	1R1G1B/SMD3535
Density	10,000 pixel/m <sup>2</sup>
Module Size(L×W)mm	320mm×160mm
Cabinet Size(L×W×H)mm	960mm×960mm×130mm
Module Resolution	32×16
Cabinet Resolution	96×96
Driving Method	1/ 2 Scan
Driving IC	MBI5124 or ICN 2038S
Brightness	7500CD /
Contrast	1000:1
Brightness Adjustment	Auto and Manual
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 85-264V
Protection	waterproof, dustproof, high temperature prevention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)



### Service and Guarantees

**Services Before-sale:**Set a special telephone line to resolve the confusion from clients and supply free technology services by telephone.Consider the demands of clients carefully , study the situation of the installation condition , Team up the related staff and workers promptly , give clients design program details to help them choose the products which they wanted as soon as possible

**Service In - sales :**Try the best to meet the reasonable demands by clients Provisional changed .Keep close touch with the clients during the period if installation .Cooperate friendly with the clients, satisfy the clients with the best quality of led display .

**Service After-sale:**Normal products have one year guarantee, and whole life maintenance, free charges . we just charge materials cost only if products out off guarantee.You can down load and upgrade the related operating software of Led display freely from our company website , so as to resolve the problems when you use our led display .Check the quality of appliance , do maintenance job and ask good suggestions form clients on a regular time schedule .

**Vegoo** 威固电子 **Shenzhen Weigu Electronic Technology Co., Ltd.**

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