



## Light Weight Indoor Full Color LED Display P5 Led Module With Self Inspection

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Vegoo
- Certification: CE/ROHS/FCC/
- Model Number: VG-FD 3
- Minimum Order Quantity: 1 Sq.m
- Packaging Details: Plywood case / Flight case / Carton box
- Delivery Time: 15 working days
- Supply Ability: 3000 Sq.m / month



### Product Specification

- Product Name: P5 Indoor Full Color LED Display
- Certification: CE/ROHS/FCC
- Pixel Pitch: 5mm
- Density: 40,000 Pixel/m<sup>2</sup>
- Moduel Size(L×W)mm: 320mm×160mm
- Contrast: 1000:1
- Highlight: indoor advertising led display ,  
indoor full color led display screen



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## Product Description

### Light weight Self-inspection P5 Indoor Full color LED Display

#### Features:

- uniform colour technology
- Easy configuration and maintenance
- Light weight for easy installation
- High refreshment and large viewing angle
- Great for large indoor advertising

#### Product Description

Lightweight. Convenient in transporting and installing.

Saving labor cost, suitable for flow shows.

Nice appearance and simple structures.

Jointed correctly, being installed & dismantled by one person without tool.

Humanized operating interface with breakdown indicator lights, easy to maintain.

High debugging brightness and no damage to gray scale.

Screen uniformity is good, a good solution to mosaic, have the excellent consistency.

Using real pixel display, whether text or images, have clear, exquisite and real display effect.

#### Self-checking Technique

Self-inspection, communication test, power test, temperature monitoring (Be customized)

#### Operating System

Platform WindowsNT,Windows2000,WindowsXP,Windows7

#### P5 Indoor Full color LED Display Specification:

NO:	Product Name	Specification
1	Pixel Pitch	5mm
2	Pixel Configuration	1R1G1B/SMD2121 Black lamp
3	Density	40,000 pixel/m <sup>2</sup>
4	Module Size(L×W)mm	320mm×160mm
5	Cabinet Size(L×W×H)mm	640mm×640mm×90mm
6	Module Resolution	64×32
7	Cabinet Resolution	128×128
8	Driving Method	1/16 Scan
9	Driving IC	MBI5124
10	Brightness	600CD/
11	Contrast	1000:1
12	Brightness Adjustment	Auto and Manual
13	Power Consumption	Max Power: 500W
14		Average power: 200W
15	Module Weight	0.45kg
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 °C
30		Storage : -40 - 85 °C
31	Environment Temperature	-30°C to 60°C; humidity Rh10% to 95%
32	Remote Control	Can realize remote control and send alarm signal to operators in case of logging failure (Be customized)
35	Power Supply	AC 110-220V

### Protection

dustproof, high temperature pervention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)



### 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;

### 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



**Shenzhen Weigu Electronic Technology Co., Ltd.**



86-15118043086



Linda@vegooled.com



hdled-display.com

806 Building 1 Geya Technology Building, Clock Base, Ma Tou community, Ma Tian Street, Guangming District,  
Shenzhen, China