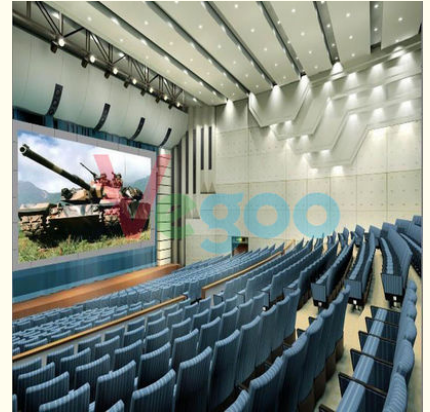# High Brightness P10mm Stage Background Led Display Lightweight Led Screen 1000cd/

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: P10 Indoor Full Color LED Display
- Certification: CE/ROHS/FCC
- Pixel Pitch: 10mm
- Density: 10,000 Pixel/m2
- Moduel Size(L×W)mm: 320mm×160mm
- Brightness: 1000cd/
- Highlight: **full color led display board**, **indoor advertising led display**

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P10 Indoor Full color LED Display Stage Background / Event Show LED Display

Description:

1. High definition, high refresh rate, high brightness, high grey level, applicable for both indoor and outdoor.
2. High brightness enables longer viewing distance and ensures the spectators far from the screen can still enjoy what is shown, even under direct sunlight.
3. Extremely superb refresh rate provides you coherent video effects to meet your needs for high display quality.
4. 10 or 14bit grey level processing ability presents you rich details, colors and vivid pictures.
5. Special design and material are tailor-made according to EMC certificate
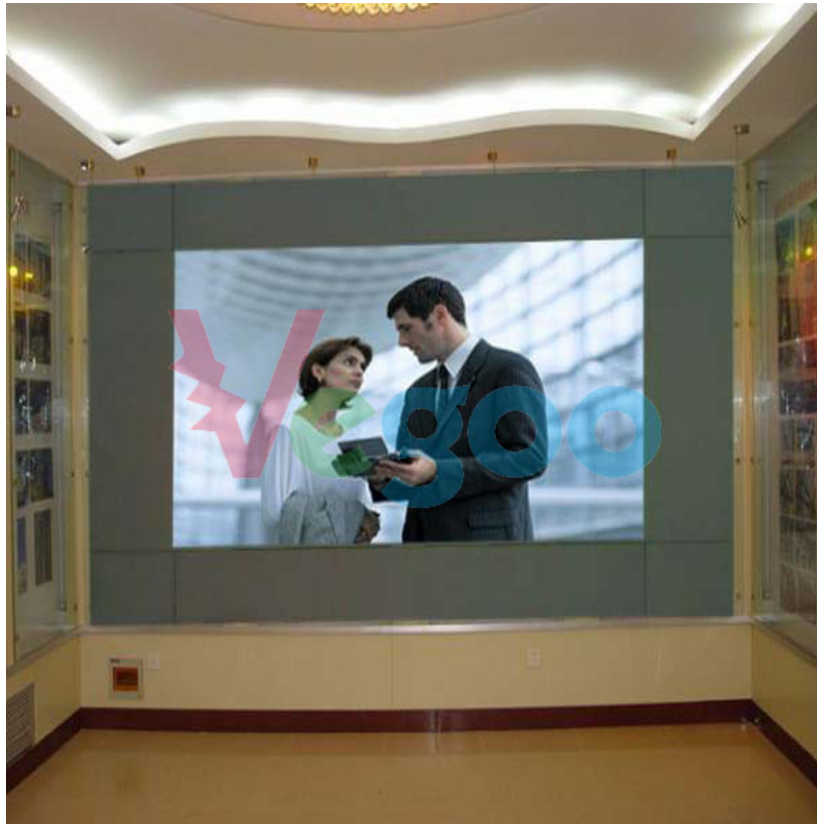
Applications:

Stage Background
Airport & Station
Television Relay
Information Display
Stadium
Event Show

P10 Indoor Full color LED Display Specification:

NO:	Product Name	Specification
1	Pixel Pitch	10mm
2	Pixel Configuration	1R1G1B/SMD3528 White lamp
3	Density	10,000 pixel/m2
4	Moduel Size(L×W)mm	320mm×160mm
5	Cabinet Size(L×W×H)mm	640mm×640mm×90mm
6	Module Resolution	32×16
7	Cabinet Resolution	64×64
8	Driving Method	1/8 Scan
9	Driving IC	DP5020
10	Brightness	1000cd/
11	Contrast	1000:1
12	Brightness Adjustment	Auto and Manual
13	Power Consumption	Max Power: 300W
14		Average power: 120W
15	Module Weight	0.45kg
16	Color Temperature	9500K—11500K
17	Horizontal Viewing Angle	140º
18	Vertical Viewing Angle	140º
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	>1200Hz
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	dustproof, high temperature pervention, anticorrosion, smoulderproof, anti-static, shockproof, lightningproof, smoke alarm and temperature alarm. (Be customized)

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 it
The 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 IP65
The 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