Wide Viewing Angle 1R1G1B Small Pixel Pitch LED Display Led Advertising Board

Our Product Introduction

Basic Information

- Place of Origin: SHENZHEN
- Brand Name: SC
- Certification: ISO9001,FCC,IP65,3C ,ROSH9001
- Model Number: P5 Outdoor
- Minimum Order Quantity: 1 Square Meters / 1 Piece
- Price: Negotiable
- Packaging Details: Wooden box,Flight Case
- Delivery Time: 10 days after received deposit
- Payment Terms: L/C, D/A, D/P, T/T, Western Union
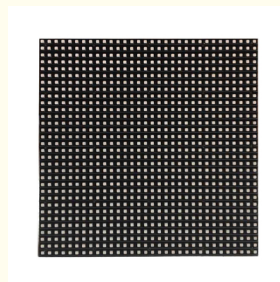- Supply Ability: 5000 Square Meter/Square Meters per Month

Product Specification

- Brightness: ≥5500cd/m²
- Scan Mode: 8S
- Warranty: 2 Years
- Driver IC: MBI 5124
- Uasge: Outdoor
- Place Of Origin: Shenzhen China
- Module Size: 160*160mm
- Pixel Configurature: 1R1G1B
- Power Supply: Meanwell
- Module Thickness: 16mm
- Drive Valtage: DC5V
- Standard Caninet Size: 960mm*960mm*160mm
- Highlight: **1R1G1B Small Pixel Pitch LED Display**,
  1R1G1B Led Advertising Board,
  Wide Viewing Angle Led Advertising Board

More Images

Product Description

Wide Viewing Angle Led Advertising Board , Full Color Outdoor Led Display Screen

Main Features

1. easily upgrade size of sign
2. user friendly computer system
3. approximate 3D image quality

4. Fast and easy to assemble and dismantle

5. Wide viewing angle ,excellent white color balance

6. High grayscale (15 bits) with perfect visual performance
7. High reliability and long lifespan (MTBF ≥ 10000 hours)

Application

Outdoor P5 full color module is made up of red, green and blue led lamp, which is encapsulated into a pixel and arrange matrix, then welded to PCB. This module contains driving chip and input buffer chip, connect it to LED display control system, can display video, image and text messages. Driving red, green and blue LED through PMW signal, and form 16777216 color; This module can be to installed to die cast aluminium cabinet or aluminium base board which can organize different size LED display screen.

Parameter

LED	LED brand	LED type	wave Length(nm)	Average Brightness (mcd)	Test Condition
Red(R)	Sanan	SMD 2727	620-625nm	600-900mcd	25℃,20mA
Green(G)	Huacan		516-530nm	1000-1500mcd	25℃,15mA
Blue(B)	Huacan		465-475nm	260-360mcd	25℃,10mA

2 Pixel/Module

No	Item	Parameter
1	Pixel Pitch	5 mm
2	Pixel Configuration	1R1G1B / R:G:B=3:6:1
3	LED Lamp	Full color
4	Density	40000dot/m^2
5	Module Size	160*160mm
6	Module Pixel	32*32=1024dot
7	Module Thickness	16mm
8	Module Weight	267g
9	Module Power	≤21W
10	Drive Valtage	DC5V
11	Module Electric Current	4.2A
12	PortType	HUB-75D/B

3 Screen Parameter

No	Item	Parameter
1	Standard Caninet Size	960mm*960mm*160mm
2	Cabinet Weight	35KGS
3	Brightness/Adjustment	≥5500cd/m², Level 16- Automatic / Level 100-Manual operation
4	View Angle	≥120°(Vertical),≥120°(Horizontal)
5	Best View Distance	5-15m
6	Grey Scale	Within 65536 Step
7	Frame Frequency	≥60Hz
8	Refresh Rate	≥720Hz
9	Signal Input Source	Composite, S-video, Component, VGA, DVI, HDMI, SDI, HD-SDI
10	Scan Mode	1/8Scan
11	Drive IC	5020
12	Module Qty / M^2	39
13	Display Color Qty	16777216
14	Continuous Working Time	>24(Hrs)
15	Screen Lifespan	>100,000(Hrs)
16	MTBF	>5000(Hrs)
17	Max. power consumption	850W/
18	Ave. power consumption	280W/
19	Out of control pixel rate	≥3/10,000(discrete distribution)
20	Control Distance	100M(Ethernet) 500M(Multi-fiber) 10KM(Sigle-fiber)

21	Flatness	Screen Surface≤0.5mm,Pixel Pitch≤0.3mm
22	Operation Temperature	-10℃ +50℃
23	Working Humidity	10% 98%RH
24	Storage Temperature	-40℃ +85℃
25	Software Connection	Standard Computer Connection,Compatiable With Windows,Unix,Novell
26	protection system	Overtemperature/overload/power/image compensation/nonlinear correction
27	Working Valtage	200~240 V
28	Dielectric Strength	50HZ/1500V(AC RMS)/1min
29	Temperature Rise	Metal≤40K,Insulation≤65K , After Heat Balance
30	IP Grade	IP65
31	Computer display mode	1024*768
33	Media Player	LED Pressional Media Player

Project Cases