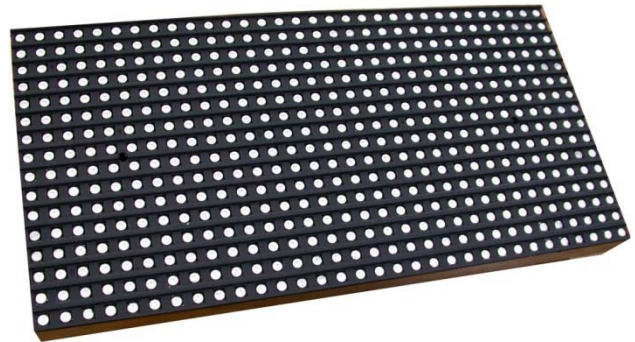


Introduction

SDM-P10RGB3216-OLAS is a 32x16 pixel full color module made by 3-in-1 SMD LED, with Static Driving.
Best fit to use as video screen or message board at indoor environment, without color distribution.

Applications

- Full Color Video Screen
- Performance Screen
- Stadium Display
- Advertising Display
- Sport Parameter Screen
- Latch Unit



Features

Module Type	Outdoor LED Display Module	
LED Type	3-in-1 SMD	
Display Color	Red, Green, Blue	
Module dimension	320mm x 160mm	
Module Pixel	512 pixel / module	
Driving Method	Static Driving	
Pixel Pitch	10mm	
Resolution	10000dot / m2	
Brightness (Typ.)	6500 cd/m2	
Gray Scale	4096 Level for each color	
View Angle	Horizontal Axis	120 Degree
	Vertical Axis	120 Degree
Weight (Typ.)	1000g / Module	

Product Characterize

Recommended Rating (Ta = 25°C)

Item	Symbol	Value	Unit
Supply Voltage	VCC	5.0 ± 0.2	DC V
Activity Temperature	Topr	0 ~ 45	°C

Absolute Rating (Ta = 25°C)

Item	Symbol	Value	Unit
Supply Voltage	VCC	-0.3 ~ VCC+0.3	DC V
Activity Temperature	Topr	- 10 ~ 60	°C
Storage Temperature	Tstg	- 20 ~ 85	°C

Electrical / Luminance Characterize

Luminance (Typ.)	Red	1950	cd/m2
	Green	3900	cd/m2
	Blue	650	cd/m2
	White	6500	cd/m2
Wavelength	Red	625 ± 5	nm
	Green	525 ± 5	nm
	Blue	470 ± 5	nm
Gray Scale	4096 Gray Scale for Each color		
Current Usage (Typ.)	Icc	7.0	A (DC 5V)
Viewing Angle (Typ.)	Horizontal Axis	120	Degree
	Vertical Axis	120	Degree

*Luminance Tolerance : 15% for each color

Module dimension

