

P4 Indoor 1/16 Scan 256*128mm LED Module

Specification

Model No.: **P4-I16S-SMD2121-64x32**

LED Lamp Specification					
					
Color	Package	Intensity	Viewing Angle	Wavelength	Testing Conditions
Red	SMD2121	70-100mcd	120°/120°	620-625nm	25°C,20mA
Green		120-200mcd	120°/120°	515-530nm	25°C,10mA
Blue		30-40mcd	120°/120°	465-475nm	25°C,5mA
Module Photo					
					



Module Parameter

Pixel Pitch	4mm
Pixel Configuration	SMD2121
Density	62,500 pixels/m ²
Module Resolution	64pixel(L) * 32pixel(H)
Module Dimension	256mm(L) * 128mm(H) * 18mm(D)
Driving Mode	Constant current, 1/16 duty
Module Mask	Pure black mask--high contrast screen

Electricity Parameter

Optical Ratings	
Brightness	≥1,000 cd/m ²
Viewing Angle	120°(Horizontal); 120°(Vertical)
Best Viewing Distance	≥4m
Gray Grade	14 bits
Display Color	4.4 trillion colors
Brightness Adjustment	100 grades by software or automatically by sensor
Max. Power Consumption	22 W

Control System	
Frame Frequency	≥60Hz
Refresh Frequency	≥1,920Hz
Input Signal	Composite Video, S-video, DVI, HDMI, SDI, HD-SDI
Control Distance	100m(Ethernet cable); 20KM(optical fiber cable)
Support VGA Mode	800*600, 1024*768, 1280*1024, 1600*1200
Color Temperature	5000—9300 adjustable

Brightness Correction	Pixel by pixel, module by module, cabinet by cabinet
Reliability	
Working Temperature	-20~+60 °C
Storage Temperature	-30~+70 °C
Working Humidity	10%~90% RH
Lifetime	100,000 hours
MTBF	5000 hours
Continuous Operating Time	≥72 hours
Protection Grade	IP31
Out-of-Control Pixel Rate	≤0.01%

Package



