

P2.5 Indoor 480x480mm Die-Cast Aluminum Magnetic Front Service LED Display

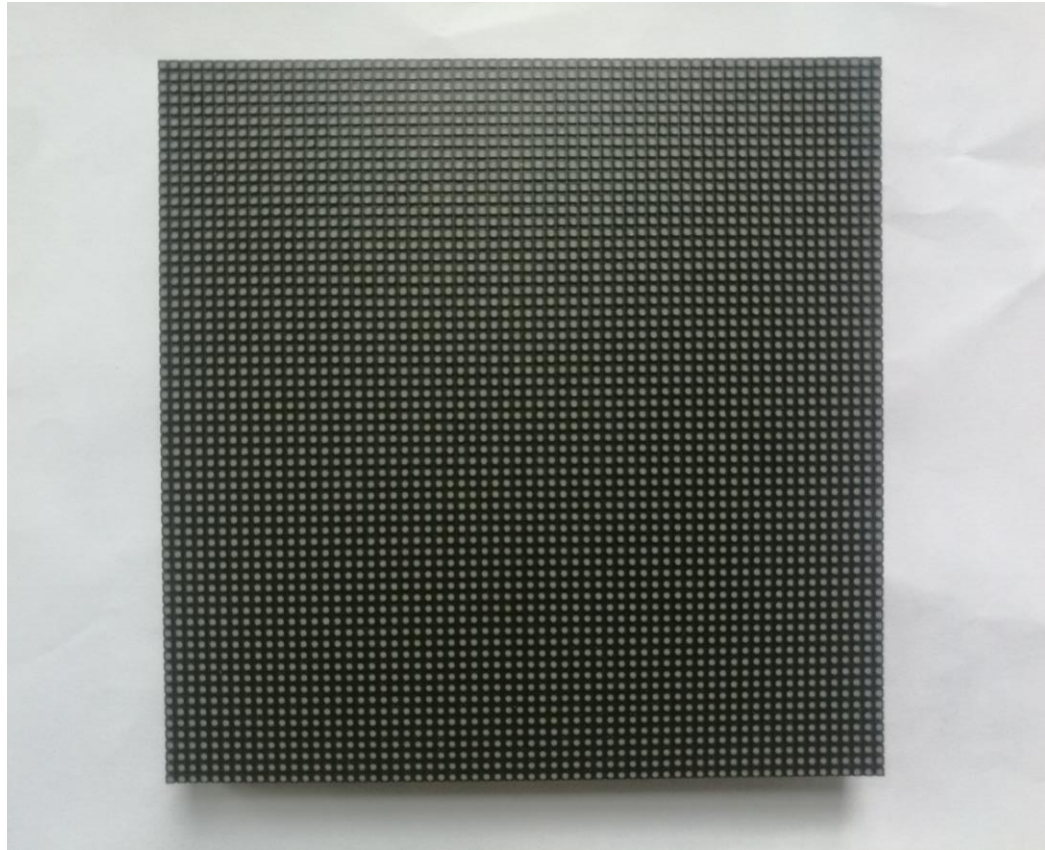
Model No.: **P2.5-IF32S-SMD2121-64x64-L480xH480**

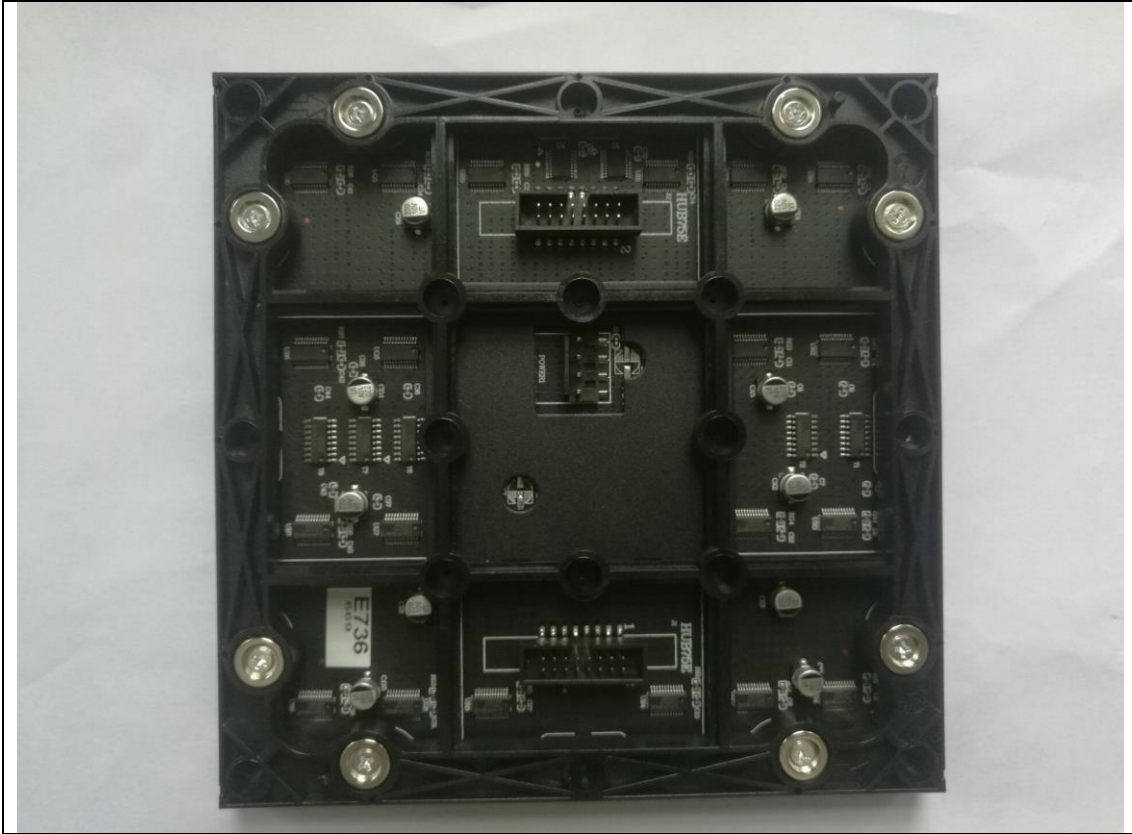
LED Lamp Specification



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

Module Photo





Module Parameter

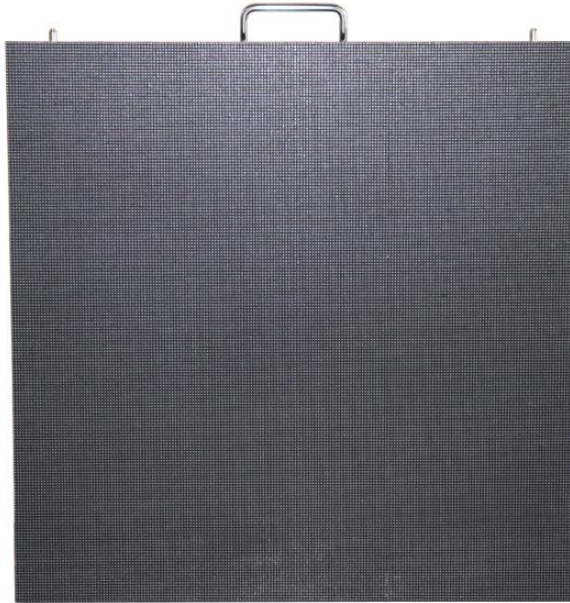
Pixel Pitch	2.5mm
Pixel Configuration	SMD2121
Density	160,000pixels/m ²
Module Resolution	64pixel(L) *64pixel(H)
Module Dimension	160mm(L) * 160mm(H) * 18mm(D)
Driving Mode	Constant current, 1/32 duty

LED Cabinet

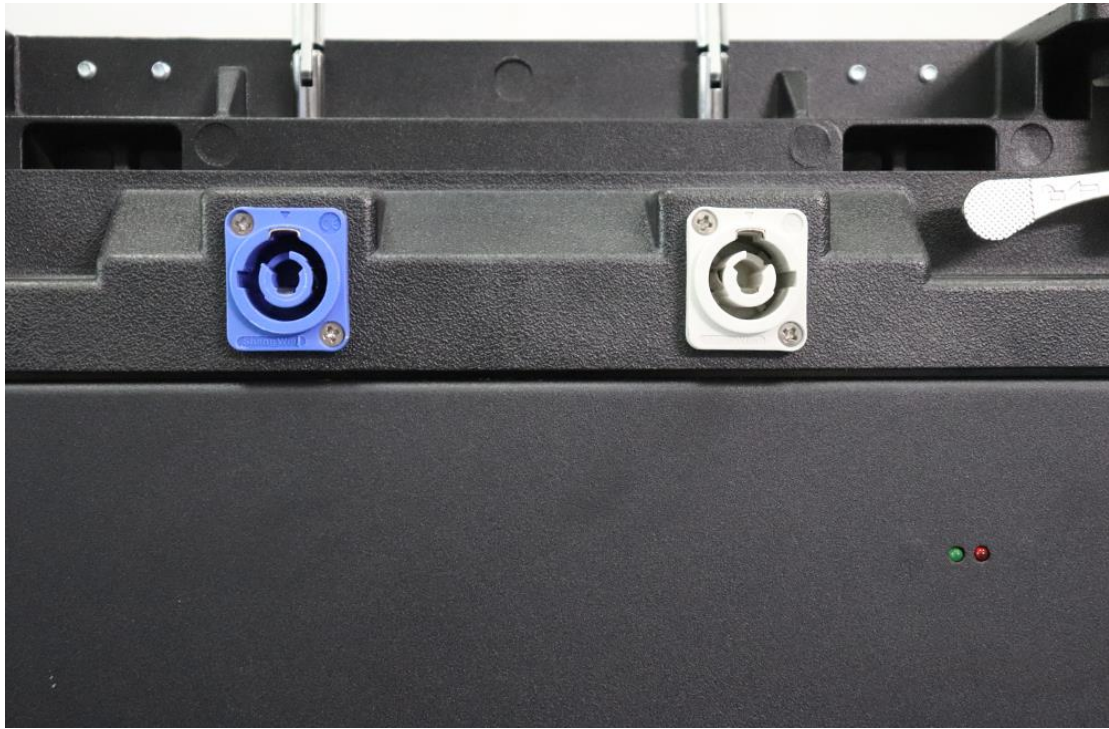


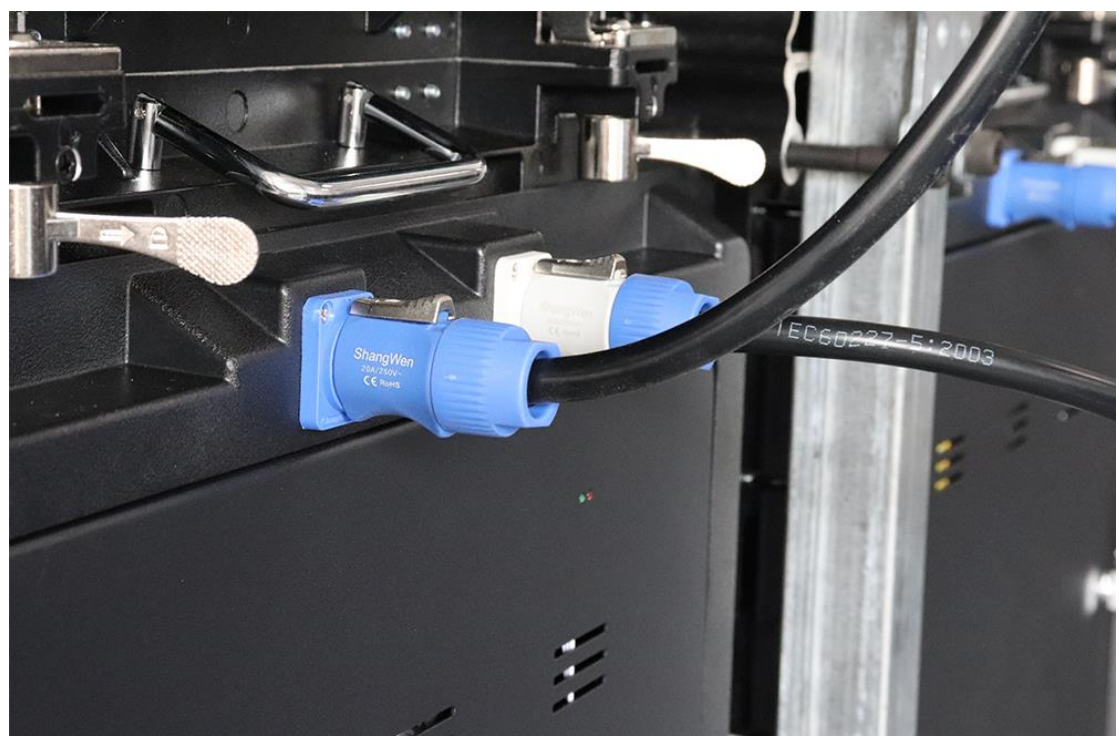
Module Quantity in a Cabinet	4(L) *4(H)
Cabinet Dimension	480(L) *480(H) * 80(D)mm
Cabinet Resolution	256(L) * 256(H)
Cabinet Material	Die-cast aluminum
Cabinet Weight	≈9KG
Electricity Parameter	
Optical Ratings	
Brightness	≥1,000 cd/m ²
Viewing Angle	120 °(Horizontal); 120 °(Vertical)
Best Viewing Distance	≥2.5m
Gray Grade	14 bits
Display Color	4.4 trillion Colors
Brightness Adjustment	100 grades by software or automatically by sensor
Operation Power	AC100-240V 50-60Hz Switchable
Max. Power Consumption	780 W/m ²
Avg. Power Consumption	260W/m ²
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%

Cabinet Details









Method of Front Service Operation





Method of Front Service Operation



