

## P2.97 Indoor 500x500mm Die-Cast Aluminum Rental LED Display

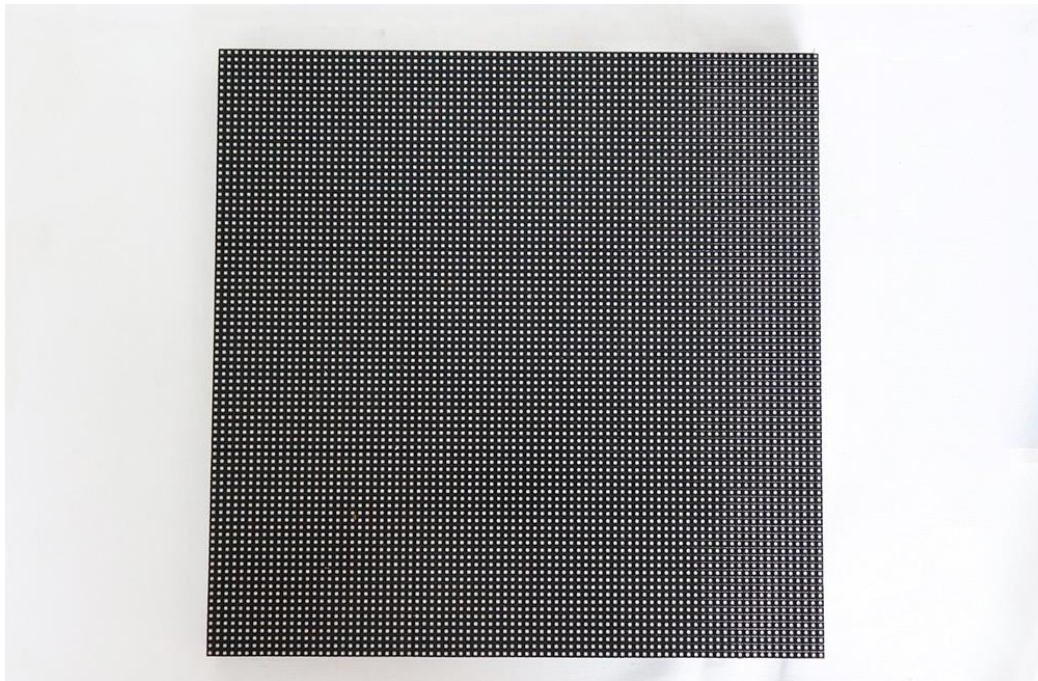
Model No.: **P2.97-IR28S-SMD2121-84x84-L500xH500**

### 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

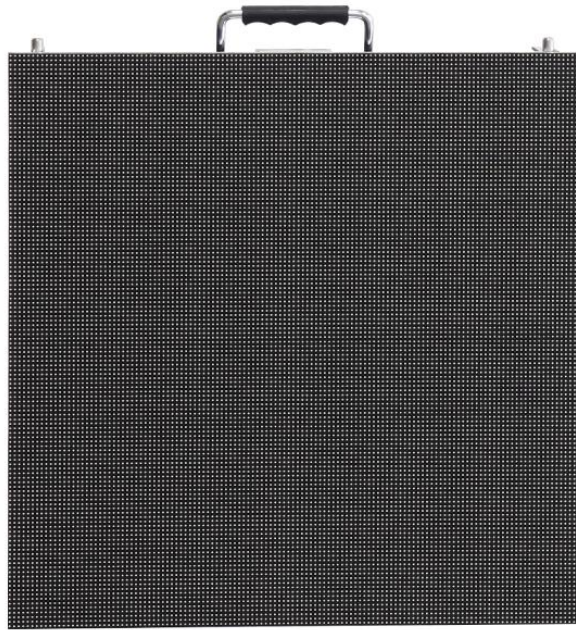
### Module Photo



**Module Parameter**

Pixel Pitch	2.97mm
Pixel Configuration	SMD2121
Density	112,896pixels/m <sup>2</sup>
Module Resolution	84pixel(L) *84pixel(H)
Module Dimension	250mm(L) * 250mm(H) * 18mm(D)
Driving Mode	Constant current, 1/28 duty
Module Mask	Pure black mask--high contrast screen

**LED Cabinet**



Module Quantity in a Cabinet	2(L) *2(H)
Cabinet Dimension	500(L) *500(H) * 80(D)mm
Cabinet Resolution	168(L) * 168(H)
Cabinet Material	Die-cast aluminum
Cabinet Weight	≈7.8KG

**Electricity Parameter**

Tel: +86-755-23190947

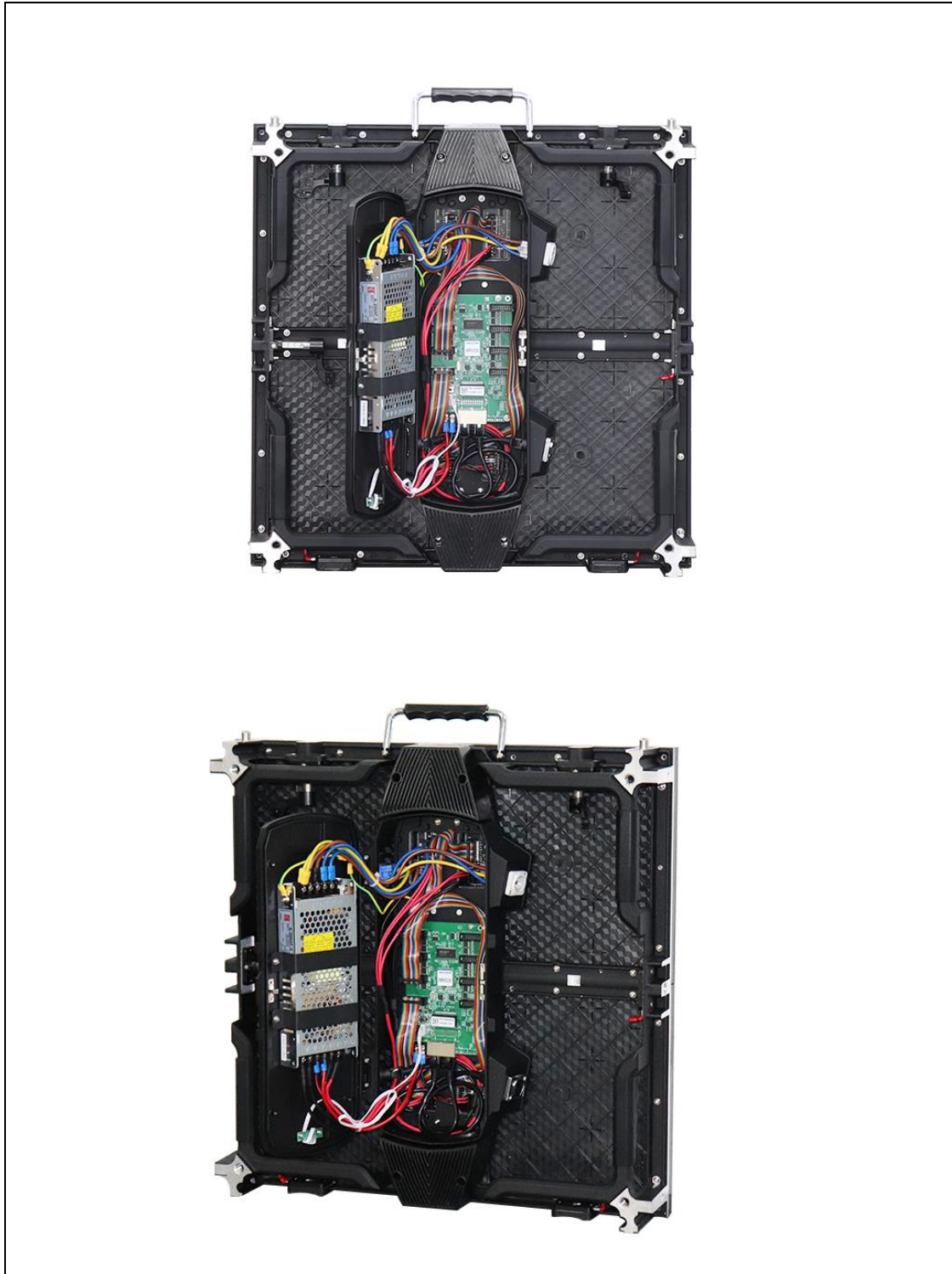
Website: <http://www.eagerled.com>

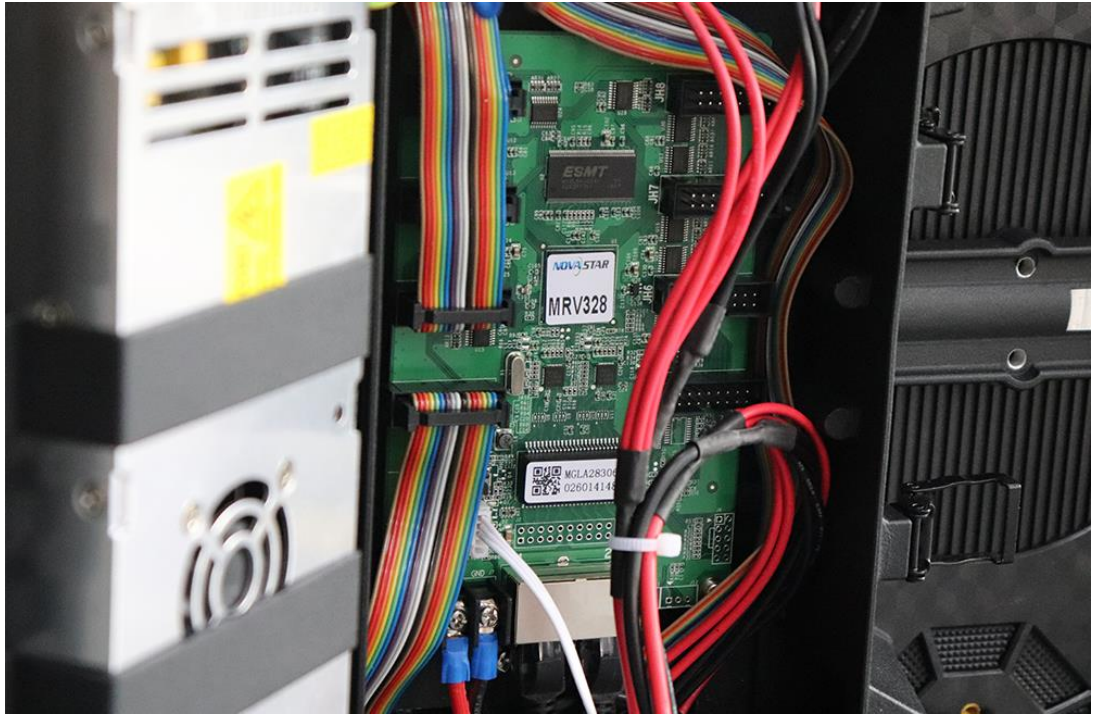
E-mail: [manager@eagerled.com](mailto:manager@eagerled.com)

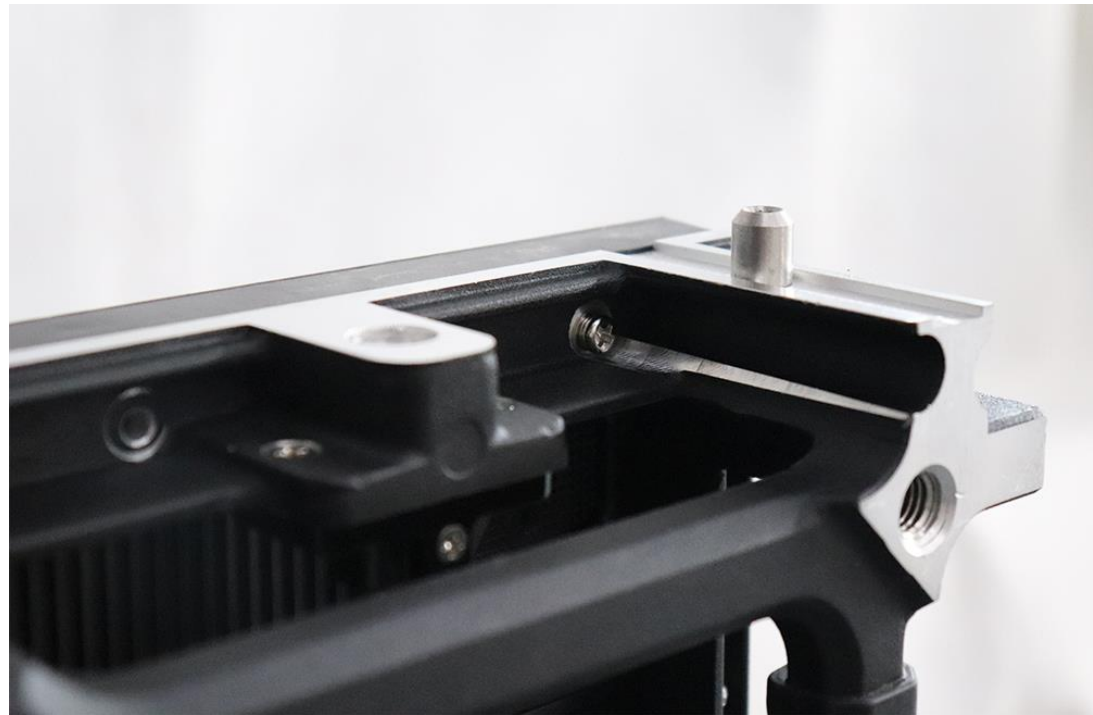
Address: Building A, Mashantou No.1 Industrial Park, Gongming, Guangming, Shenzhen, China 518106

<b>Optical Ratings</b>	
Brightness	≥1,000 cd/m <sup>2</sup>
Viewing Angle	120 °(Horizontal); 120 °(Vertical)
Best Viewing Distance	≥3m
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	1,000 W/m <sup>2</sup>
Avg. Power Consumption	340W/m <sup>2</sup>
<b>Control System</b>	
Frame Frequency	≥60Hz
Screen 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
<b>Reliability</b>	
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%
<b>Cabinet Details</b>	









Package



