

P5 Outdoor 1/8 Scan SMD2525 640x640mm LED Display

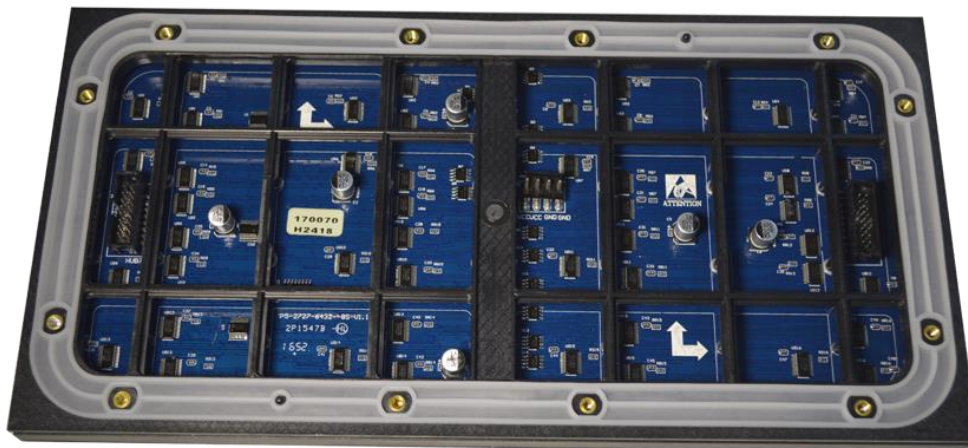
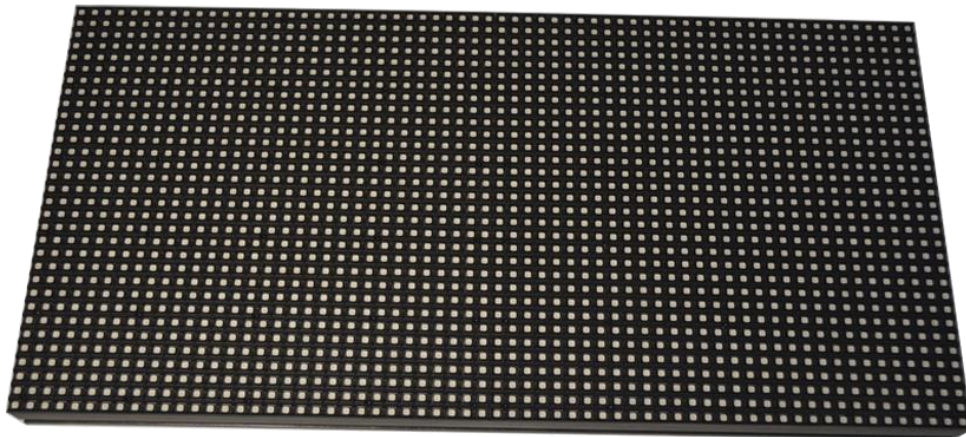
Model No.: P5-O8S-SMD2525-64x32-L640xH640

LED Lamp Specification



Color	Package	Intensity	Viewing Angle	Wavelength	Testing Condition
Red	SMD2525	450-600mcd	120°	620-625nm	25°C,20mA
Green		1000-1400mcd	120°	516-530nm	25°C,20mA
Blue		200-400mcd	120°	465-475nm	25°C,20mA

Module Photo



Module Parameter

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Pixel Pitch	5mm
Pixel Configuration	SMD2525
Density	40,000 pixels/m ²
Module Resolution	64pixel(L) * 32pixel(H)
Module Dimension	320mm(L) * 160mm(H) * 25mm(D)
Driving Mode	Constant current, 1/8 duty
Module Mask	Pure black mask---high contrast screen

LED Cabinet



Module Quantity in a Cabinet	2(L) * 4(H)
Cabinet Dimension	640(L) * 640 (H) * 150(D)mm
Cabinet Resolution	128(L) * 128(H)
Cabinet Material	Steel
Cabinet Weight	≈16.5KG
Electricity Parameter	
Optical Ratings	
Brightness	≥6,000 cd/m ²
Viewing Angle	120 °(Horizontal); 120 °(Vertical)
Best Viewing Distance	≥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	980 W/m ²
Avg. Power Consumption	330W/m ²
Control System	
Frame Frequency	≥60Hz
Refresh Frequency	≥960Hz
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 ℃
Storage Temperature	-30~+70 ℃
Working Humidity	10%~90% RH
Lifetime	100,000 hours
MTBF	5000 hours
Continuous Operating Time	≥72 hours
Protection Grade	IP65(front), IP54(rear)
Out-of-Control Pixel Rate	≤0.01%

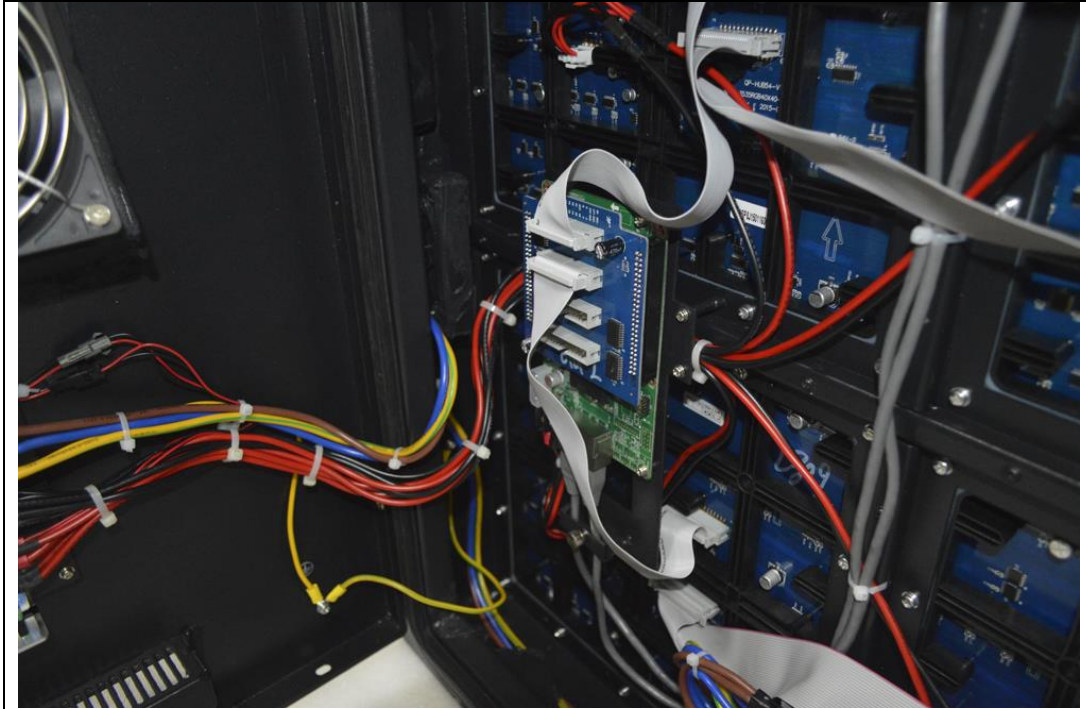
Cabinet Details











Package



