

Specification P5 indoor 960X960 Profile LED Panel Screen

LED Technical Parameters(Chip Lamp : KingLight)

No.	Item	Luminance (mcd)	Viewing Angle(H/V)	Wavelength	Original Place
1	Red LED	600-800	-160°/160°	620-625NM	King Light 
2	Green LED	1000-1800	-160°/160°	520-525NM	
3	Blue LED	300-400	-160°/160°	465-470NM	

SMD Module Specifications&Pixel Technical Parameters

1	Pixel Pitch	5MM	Pixel Configuration	1R1G1B
2	Encapsulation	SMD2121	Colors Matches	R:G:B= 1:1:1
3	Module Resolution(H*W)	64 Dots X 32 Dots	Module Pixel	2048 Dots
4	Module Size (H*W)	320MM x 160MM	Driver IC	3264
5	The Smd module is not a monitor is not a display, is not a screen because is just a part of led screen it a part for replacements			



7 Manufacturer Declaration : The Smd module is not a monitor is not a display, is not a screen because is just a part of led screen it a part for replacements , This is Repair Parts , Convenient for customers to use their own maintenance , Quick replacement, quick repair.

Power Supplier (L5V 40A 200W Bi-Voltage Power Supplier) Specifications Technical Parameters

1	Input voltage range	110V or 240V	Output rated power	200W
2	Input Frequency Range	47Hz ~ 63Hz	Output Ripple and noise	100mV
3	Input effectiveness	86%	Output Voltage adjustment range	4.5V ~ 5.6V
4	Input Alternating current	3A	Output Voltage tolerance	± 1%
5	Input Inrush current	40A	Output Linear adjustment rate	± 0.5%
6	Input Leakage current	2.0mA	Output Load Regulation	± 2.0%
7	Output DC voltage	5V	Output Start Time	50mS
8	Output Rated current	40A	Output Keep time	20mS
9	Output Current range	0 ~ 40A	Storage temperature, humidity	-40℃ ~ +80℃, 10% ~ 95%RH
10	Dimensions	212*85*30mm G.W 0.6KG	Working temperature, humidity	-30℃ ~ +60℃, 20% to 90% RH, non condensing



Network Signal Line Cable Specifications Technical Parameters

1	Model RJ45 - Nominal voltage Un 5v2 - Maximum continuous operating voltage Uc 8V - Limit voltage 15V - Rated load current IL 500mA - Nominal discharge current In (8 / 20us) 5KA - Maximum discharge current Imax (8 / 20us) 10KA - Response time ≤ 1ns - Maximum transfer rate of 150Mbps - Insertion loss <0.5dB - Protection lines 1, 2, 3, 6 - Case protection class IP20 - FAILURE MECHANISMS Communication lines are shorted or disconnected from ground - Product range Terminal PC network card Surge protection Other network equipment interface Surge protection	
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Power Cable Specifications Technical Parameters

1	Interface type: AC / DC Production process: welding Features: Waterproof Operating frequency: high frequency (MHz) Line length: customized according to customer needs (mm) Insulating material: nylon Number of cores: three cores Number of needles: three needles Category: Plug / socket Rated current: 23A Voltage: 500V (V) color: blue Applications: LED Shape: round Contact material: zinc alloy	
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Screen Specifications Technical Parameters

1	LED panel screen	P5 Indoor led panel
2	Total Module Quantity (H*W) per cabinet	3*6=18pcs

3	Cabinet Size(HXW)	960MM x 960MM
4	Display Physical Pixels (H*W)/cabinet	36864 Dots
5	Cabinet Parameters Voltage: AC240V 50/60HZ Power: 200W YOUYI Control : Nova star Control System LED Module: 320X160mm (64*32Pixels) Physical Pixels : 40000Pixels/m2 LED brand : King light Light type: SMD2121 Driver IC : 3264 Brightness: 1000 Mcd MTBF: 100000hours Refresh frequency: $\geq 3840\text{Hz}$ Cabinet Size(W*H): 960*960mm (192*192Pixels) Weight: 18 KG Size: 960*960*70mm	 
6	Cabinet Resolution (H*W)	192Dots X 192 Dots
7	Material Of Cabinet	Die-Cast Aluminum
8	Cabinet Weight	18kg
9	Pixel Density	40000 dots/m ²
10	Brightness	$\geq 1000\text{cd/m}^2$
11	Driving Method	Scan 1/16
12	Driver IC	3264
13	ReFresh Frequency	$\geq 3840\text{Hz}$
14	Frame Frequency	$\geq 60\text{Hz}$
15	Gray Scale Rectification	16384 grades
16	Color temperature	5600K $\pm$ 500
17	Working Voltage	AC220V $\pm$ 15% 40~65HZ
18	Waterproof	IP54
19	View Angle	Horizontal 160° Vertical 140°
20	Maintenance	Back servie
21	Best View Distance	5m~120m
22	Brightness Adjustment	Manual & Automatically
23	Colors	16.7millio
24	Non-malfunction time (Avg.)	>5000hours
25	Screen life	>100,000 hours
26	Blind Rate	≤ 0.0003
27	Average Power Consumption	300W/m ²
28	Max. Power Consumption	600W/m ²
29	Control Distance	<100meter by Internet Cable (without Relay) ; Fiber Cable > 500 meters.
30	Temperature Color	-20°C~60°C , storage for :-30°C~+90°C
31	System Working Environment Humidity	10%—90%RH
32	Continuous Working Time	72hours
33	Input voltage	AC220V/50Hz $\pm$ 10%
34	Type of video signal	Many kinds of signal access: can input TV signals ,DVD signals , DVI, S-VIDEO, RGB, VGA, RF、RGBHV、YUV、YC、 COMPOSITION , And so on.

