

Specification P1.86 Indoor 640*1920 Rental LED Panel Screen

LED Technical Parameters([Chip Lamp](#) : [KingLight](#))

NO	Item	Luminance (mcd)	Viewing Angle(H/V)	Wavelength	Orginal Place
1	Red LED	311-420	-160°/160°	619-623NM	King Light 
2	Green LED	538-700	-160°/160°	522-526NM	
3	Blue LED	69-90	-160°/160°	464-468NM	

[SMD Module](#) Specifications&Pixel Technical Parameters

1	Pixel Pitch	1.86MM	Pixel Configuration	1R1G1B
2	Encapsulation	SMD1515	Colors Matches	R:G:B= 1:1:1
3	Module Resolution(H*W)	172 Dots X 86 Dots	Module Pixel	14792Dots
4	Module Size (H*W)	320MM x 160MM	Driver IC	DP8863
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	200V ~ 240V	Output rated power	200W
2	Input Frequency Range	47Hz ~ 63Hz	Output Ripple and noise	100mV
3	Input effectiveness	87%	Output Voltage adjustment range	4.5V ~ 5.6V
4	Input Alternating current	2A	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

[MRV208 Nova Receiveing Card](#) Specifications Technical Parameters

1	Receiver card MRV412 Product Type: Display Universal Receiver Card With the pixels: 128*512 RGB data: 24 groups Onboard: Onboard HUB75 1) integrated 12 standard HUB75 interface, 2) support 32 sweep; 3) single card output RGB data 24 groups; 4) single card with a pixel with 128*512; 5) support configuration file read back; 6) support temperature monitoring; 7) support network cable communication status detection; 8) support power supply voltage detection; 9) support high gray high refresh; 10) support point by point color correction; 11) support the receiving card stored screen settings; Certification: RoHs, CE (Class A)	
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[MSD300-1 Nova Sending Card](#) Specifications Technical Parameters

1	Send the card HD-C36C Input resolution: up to 640*1920(wide, high customizable) Load capacity: 1.3 million pixels Supply voltage: 5V Control mode: USB interface control Video interface: DVI Audio interface: 3.5mm audio interface Video format: RGB Output interface: dual network port Video source depth: 8bit Light detection probe: 1 way 1. All the way to a DVI video input; 2. All the way to audio input; 3. Dual network port output; 4. USB interface control, can be cascaded multiple units for unified control; 5. Optical probe interface; Certification: CE, RoHS	
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[Network Signal Line Cable](#) Specifications Technical Parameters

1	Model RJ45 1. Nominal voltage Un 5v2 2. Maximum continuous operating voltage Uc 8V 3. Limit voltage 15V 4. Rated load current IL 500mA 5. Nominal discharge current In (8 / 20us) 5KA 6. Maximum discharge current Imax (8 / 20us) 10KA 7. Response time $\leq 1\text{ns}$ 8. Maximum transfer rate of 150Mbps 9. Insertion loss <0.5dB 10. Protection lines 1, 2, 3, 6 11. Case protection class IP20 12. FAILURE MECHANISMS Communication lines are shorted or disconnected from ground 13. Product range Terminal PC network card Surge protection Other network equipment interface Surge protection	
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Screen Specifications Technical Parameters		
1	LED panel screen	P1.86 Indoor led panel
2	Total Module Quantity (H*W) per cabinet	2*12=24pcs
3	Cabinet Size(HXW)	640MM*1920MM
4	Display Physical Pixels (H*W)/cabinet	355008 Dots
5	Cabinet Parameters Voltage: AC110V-240V 50/60HZ Power: 200W YOUYI Control : Linsn (Nova) Control System LED Module: 320X160mm (172*86Pixels) Physical Pixels : 40000Pixels/m2 LED brand : King light Light type: SMD1515 Driver IC : DP8863 Brightness: 1000 Mcd MTBF: 100000hours Refresh frequency: $\geq 7680\text{Hz}$ Cabinet Size(W*H): 640*1920mm (192*192Pixels) Weight: 35 KG Size: 202*36*86mm	
6	Cabinet Resolution (H*W)	344Dots X1032 Dots
7	Material Of Cabinet	Die-Cast Aluminum
8	Cabinet Weight	35kg
9	Pixel Density	289330 dots/m ²
10	Brightness	$\geq 1000\text{cd/m}^2$
11	Driving Method	Scan 1/16
12	Driver IC	IC8863
13	ReFresh Frequency	$\geq 7680\text{Hz}$
14	Frame Frequency	$\geq 60\text{Hz}$
15	Gray Scale Rectification	16384 grades
16	Color temperature	5600K $\pm$ 500
17	Working Voltage	AC110/220V $\pm$ 15% 40~65HZ
18	Waterproof	IP45
19	View Angle	Horizontal 160° Vertical 140°
20	Maintenance	Back servie
21	Best View Distance	2m~10m
22	Brightness Adjustment	Manual & Automatically
23	Colors	16.7millio
24	Non-malfuction 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℃～60℃， storage for :-30℃～+90℃
31	System Working Environment Humidity	10%—90%RH
32	Continuous Working Time	72hours
33	Input voltage	AC220V/50Hz ±10% or AC110V/60Hz ±10% AC380V/60Hz ±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.

