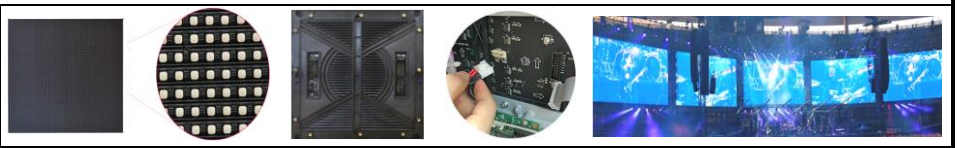
Specification P3.91 Outdoor 500X1000 Rental LED Panel Screen

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

SMD Module Specifications&Pixel Technicial Parameters

1	Pixel Pitch	3.91MM	Pixel Configuration	1R1G1B
2	Encapsulation	SMD1921	Colors Matches	R:G:B= 1:1:1
3	Module Resolution(H*W)	64 Dots X 64 Dots	Module Pixel	4096 Dots
4	Module Size (H*W)	250MM x 250MM	Driver IC	2153
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			
6	Module   			
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 Technicial Parameters

1	Input voltage range	110V ~ 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 Technicial Parameters

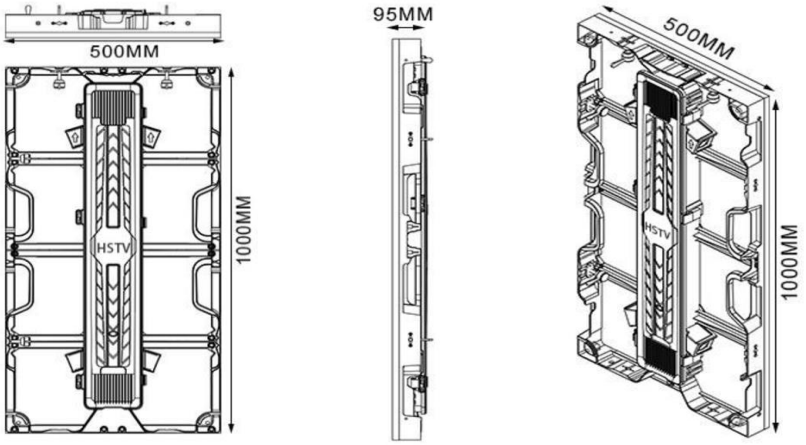
1	Model RJ45 1. Nominal voltage Un 5v2 2. Maximum continuous operating voltage Uc 8V 3. Limit voltage 15V 4. Rated load current IL 500mA 5. Nominal discharge current In (8 / 20us) 5KA 6. Maximum discharge current Imax (8 / 20us) 10KA 7. Response time ⩽ 1ns 8. Maximum transfer rate of 150Mbps 9. Insertion 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	

Power Cable Specifications Technicial 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	  

Screen Specifications Technicial Parameters

1	LED panel screen	P3.91 Outdoor led panel

2	Cabinet Quantity (H*W)	95MM
3	Cabinet Size(HXW)	500MM x 1000MM
4	Display Physical Pixels (H*W)	512*512 Dots
5	Cabinet Parameters Voltage:AC 240V 50/60HZ Power:200W YOUYI Control : (Nova) Control System LED Module: 250X250mm（64*64Pixels） Physical Pixels :32768Pixels/m2 LED brand : KINGLIGHT Light type: SMD1921 Driver IC : 2153 Brightness: 4500 MTBF:100000hours Refresh frequency: ≥3840Hz Cabinet Size(W*H):500*1000mm（128*256Pixels） Weight: 13.5 KG Size:500*1000*95mm Packge： 1000*650*1000mm Flycase 6In1	
6	Cabinet Resolution (H*W)	128 Dots X 256 Dots
7	Material Of Cabinet	Die-Cast Aluminum
8	Cabinet Weight	13.5kg
9	Pixel Density	32768 dots/m^2
10	Brightness	≥4500cd/㎡
11	Driving Method	Scan 1/16
12	Driver IC	IC 2153
13	ReFresh Frequency	≥7680Hz
14	Frame Frequency	≥60Hz
15	Gray Scale Rectification	16384 grades
16	Color temperature	5600K±500
17	Working Voltage	AC220V±15% 40～65HZ
18	Waterproof	IP65
19	View Angle	Horizontal 160° Vertical 140°
20	Maintenance	Back servie
21	Best View Distance	3m~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	450W/m^2
28	Max. Power Consumption	900W/m^2
29	Control Distance	<100meter by Internet Cable（without Relay）; Fiber Cable > 500 meters.
30	Temperature Color	-20℃～60℃, storage for :-30ºC～+90ºC
31	System Working Environment Humidity	10%—90%RH
32	Continuous Working Time	72hours
33	Input voltage	AC220V/50Hz ±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.