

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

LED Technical Parameters([Chip Lamp :King Light](#))

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)	172Dots X 84 Dots	Module Pixel	14792Dots
4	Module Size (H*W)	320MM x 160MM	Driver IC	1065S
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

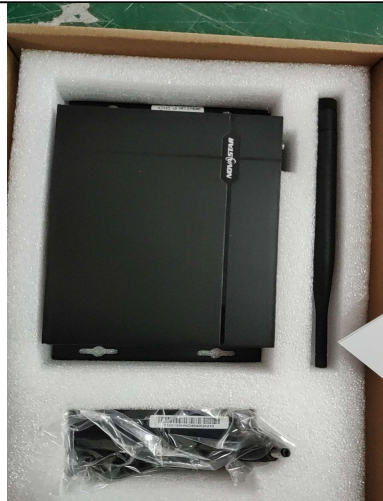
1	Input voltage range	200V ~ 240V	Output rated power	200W
2	Input Frequency Range	47Hz ~ 63Hz	Output Ripple and noise	100mV
3	Input effectiveness	87%	Output Voltage adjustment range	4.5V ~ 5.6V
4	Input Alternating current	2A	Output Voltage tolerance	± 1%
5	Input Inrush current	40A	Output Linear adjustment 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



MRV412 Nova Receiveing Card Specifications Technical Parameters

1	Receiver card MRV412 Product Type: Display Universal Receiver Card With the pixels: 512*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 512*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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TB2-4G (Optional 4G) Specifications

1 Features - λ Loading capacity up to 650,000 pixels – Maximum pixel width: 1920– Maximum pixel height: 1080 - λ 1x Gigabit Ethernet output - λ 1x Stereo audio output - λ 1x HDMI 1.3 input, accepting HDMI input and allowing content to auto fit to screen - λ 1x USB 2.0, allowing for USB playback and storage expansion - λ 1x USB Type B, capable of connecting to a PC Connecting this port to a PC allows users to configure screens, publish solutions, etc. with supporting software. - λ Powerful processing capacity – 4 core 1.2 GHz processor – Hardware decoding of 1080p videos – 1 GB of RAM – 32 GB of internal storage (28 GB available) - λ All-round control plans – Enables users to publish content and control screens from a computer, mobile phone, or tablet. – Allows users to publish content and control screens from anywhere, anytime. – Allows users to monitor screens from anywhere, anytime. - λ Synchronous and asynchronous modes – When the internal video source is used, the TB2-4G (Optional 4G) works in asynchronous mode. – When the HDMI video source is used, the TB2-4G (Optional 4G) works in synchronous mode. - λ Switching between Wi-Fi AP and Wi-Fi STA – In Wi-Fi AP mode, the user terminal connects to the built-in Wi-Fi hotspot of the TB2-4G (Optional 4G). The default SSID is "AP+Last 8 digits of SN" and the default password is printed on the SSID label of the product. – In Wi-Fi STA mode, the user terminal and the TB2-4G (Optional 4G) are connected to the Wi-Fi hotspot of a router. - λ Support for 4G modules – The TB2-4G (Optional 4G) ships without a 4G module. Users have to purchase 4G modules separately if needed. – Wired network is prior to 4G network. When both of the networks are available, the TB2-4G (Optional 4G) will choose signals automatically according to the priority	
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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
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2	Total Module Quantity (H*W) per cabinet	2*12=24pcs
3	Cabinet Size(HXW)	640MM*1920MM
4	Display Physical Pixels (H*W)/cabinet	355096Dots
5	Cabinet Parameters Voltage: AC240V 50/60HZ Power: 200W YOUYI Control : Linsn (Nova) Control System LED Module: 320X160mm (172*84Pixels) Physical Pixels : 289444Pixels/m2 LED brand : King Light Light type: SMD1515 Driver IC : 1065S Brightness:600Mcd MTBF: 100000hours Refresh frequency: ≥7680Hz Cabinet Size(W*H): 640*1920mm (256*768Pixels) Weight: 48KG Size:202*36*86mm	
6	Cabinet Resolution (H*W)	344Dots X1032 Dots
7	Material Of Cabinet	Die-Cast Aluminum
8	Cabinet Weight	48kg
9	Pixel Density	355096Dots
10	Brightness	≥600cd/m²
11	Driving Method	Scan 1/43
12	Driver IC	IC1065S
13	ReFresh Frequency	≥7680Hz
14	Frame Frequency	≥60Hz
15	Gray Scale Rectification	16384 grades
16	Color temperature	5600K±500
17	Working Voltage	AC110/220V±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-malfunction time (Avg.)	>5000hours
25	Screen life	>100,000 hours
26	Blind Rate	≤0.0003
27	Average Power Consumption	300W/m²
28	Max. Power Consumption	600W/m²

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.