



SHEN ZHEN VISION TECTRONIC CO.,LTD

深圳市位杰科技有限公司

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Email: sales@vision-tec.com www.vision-tec.com

P2.97 Indoor LED Screen

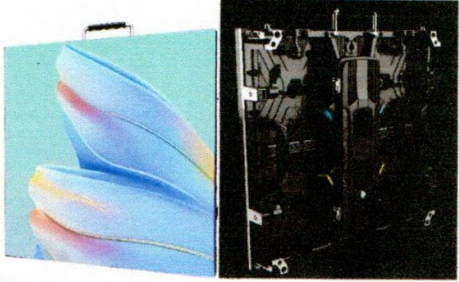
LED Parameters

No.	Item	Luminous Intensity	Viewing Angle(H/V)	Wavelength	Test Condition
1	Red LED	420-640mcd	120°/120°	620-630nm	25℃,20mA
2	Green LED	1200-1800mcd	120°/120°	520-535nm	25℃,20mA
3	Blue LED	280-480mcd	120°/120°	465-475nm	25℃,20mA

Module Specifications

1	Pixel Pitch	2.97mm	
2	Pixel Configuration	SMD2121 3 in 1	
3	Module Resolution	128*64	
4	Module Pixles	8192 dots	
5	Module Size	250*250mm	

Cabinet Specification

1	Cabinet Size(W*H)	500*500mm	
2	Cabinet Resolution	168X168	
3	Module Quantity	4	
4	Cabinet Pixels	28224dots	
5	Pixel Density	112896 dots/m2	
6	Average Power Consumption	290W/m2	
7	Max. Power Consumption	780W/m2	
8	Material	Front access die casting aluminum	
9	Cabinet Weight	7.3kg	

Screen Parameters

1	Screen Size	3mx2m=6sqm
2	Whole Screen Resolution	1693440dots



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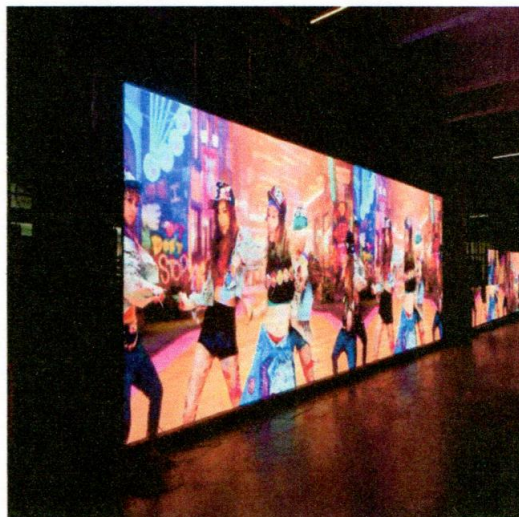
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3	Cabinet Quantity	30pcs
4	Brightness	≥900CD/m2
5	Brightness(Max./Min.)	1.2:1
6	Driving Method	1/11 constant current driving
7	View Angle	Horizontal 120° Vertical 120°
8	Optimal Viewing Distance	3-100m
9	Brightness Control	14bit-16bit
10	Fresh frequency	≥3840Hz
11	Frame Frequency	50 -- 60Hz
12	Input Voltage	AC220V/110V±10% ,50Hz
13	Defects Rate	≤0.00001
14	Power Consumption	Max: 680W/m ² Average: 390W/m ²
15	Screen weight	≤32kg/m ²
16	MTBF	>10,000 hours
17	Life span	≥100,000 hours
18	Module Display Brightness Uniformity	<3%
19	Earth Leakage Current	<3mA
20	Protective Grade	IP33
21	Temperature-operating	- 30℃~60℃
22	Humidity-operating	10%~95%
23	Controlling system	Nova Star
24	Signal input format	AV/VGA/HDMI/DVI/SDI



SN.	Description	Product Code	Quantity (pcs/unit)	Module size(W×H)	Cabinet Size	Display Size(M2)
1	P2.9 indoor full color led screen, 500mmx500mm	P2.9	24	250*250mm	500MMX500MM	3mx2m=6sqm
	Control system (nova star)	sending card	1			
		Receiving card	including			
2	Video Processor	VK600	1pcs			
3	Video Switcher	1	1pcs			



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4	Sending Box	MCTRL300	1pcs			
5	Steal frame and counter weight		1set			
6	AVR	10KVA	1			
7	Flight Case	Plastic box	5			

Spare parts :

1	Module		5			
2	power supply		3			
3	Scanning/Receiving card		3			
4	User guide		1 set			

