A Modular system for Indoor applications

6mm Pixel pitch with SMD LED（3 in1）

Full-Color Indoor LED Display

Specification

P6-SII

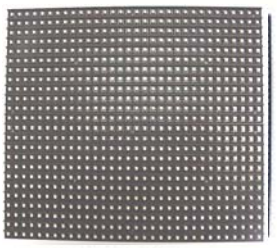
Document version: JHD-P6-SII-SPEC-V1.0

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P6 Full Color LED Cabinet Specification

Module

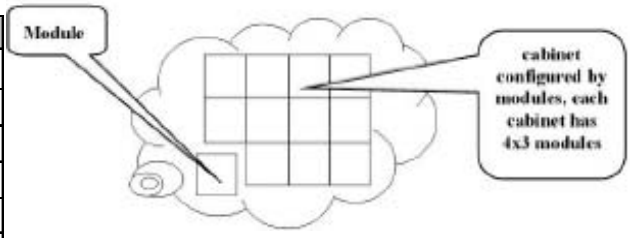
Parameter	Unit	Value
Pixel pitch	mm/inch	6mm/0.24"
Pixel density	dots/sqm	27,778
Pixels	Dots	32x32
Size	mm/inch	192x192/7.56" x7.56"
Pixel type and configuration		SMD LED(3 in 1)
Brightness	nits(cd/sq.m)	1,500-2,500
Drive type		1/6 scan
Viewing angle(Horizontal)	deg.	140(-70～+70)
Viewing angle(Vertical)	deg.	140(-70～+70)
Red wavelength(Dominant)	nm	620～625
Green Wavelength(Dominant)	nm	525～530
Blue wavelength(Dominant)	nm	470～475
Lifetime(50% brightness)	Hours	100,000





Cabinet

Parameter	Unit	Value
Width	mm/inch	768mm/30.24"
Height	mm/inch	576mm/22.68"
Aspect Ratio		4:03
Diagonal	mm/inch	9,60/37.80"
Depth	mm/inch	150/5.91"
Area	Sq.m/sq.inch)	0.442/685.67
Weight	kg/Ibs	18/40
Pixels	dots	128x96=12288
Material		cold rolled armor plate
Ingress protection	IP	- -
operation temperature range	Deg.C	-30～+60
Operation Humidity*	RH	10%～90%
Best viewing distance	m/feet	8～20/26-66'
Input voltage(nominal)	V/AC	110～240
input power frequency	Hertz	50～60
Power consumption(max.)	Watts	400
Power consumption(min.)	Watts	200
Cooling system		110-240/AC Fansx2







System

Parameter	Unit	Value
Colors		550 millions
Grey Scale(linear)	Levels	11,024 per color
Brightess Control	Levels	100
Processing depth	bit	10
Video frame rate	Hertz	30-60
Display refresh rate	Hertz	200-600
Multimedia data format		composite,component,YC RGBHV,DVI etc.
data interconnection		UTP Cat5/optical fiber





