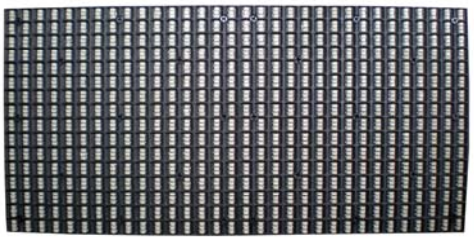
P6mm SMD Indoor Full Color LED Display

Actually, nowadays P6 indoor full color LED display is the most popular among our customers, since its mature technology, great reliable, and the most effective for the indoor display.

Module of P6 SMD LED display:

Front Side of the module:



Pixel pitch: 6mm

Pixel density: 27778dots/m^2

Back Side of the module:

Calibrated brightness: 2000 nits(adjustable)

Min viewing distance: 3.6m

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Cabinet of P6 SMD LED display

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Aging photos:

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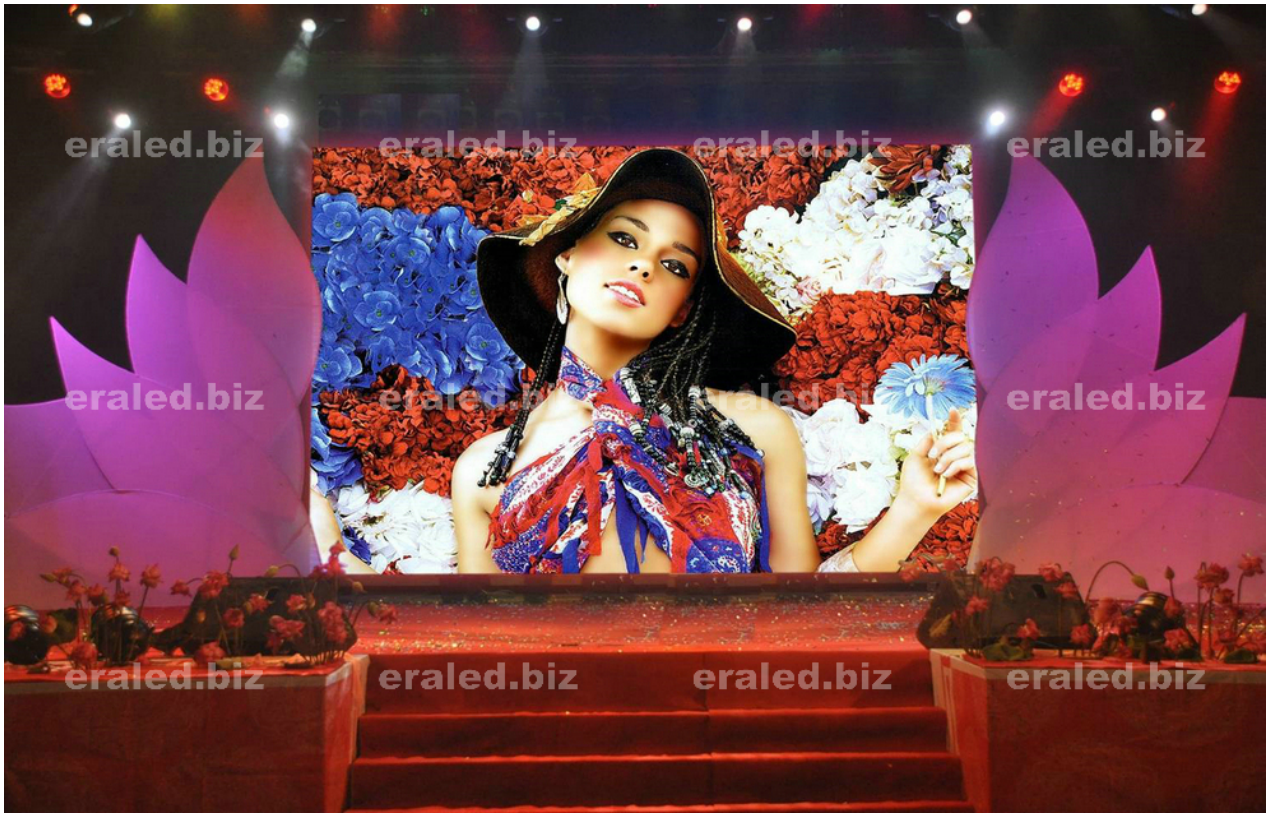
Effect pictures:



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Technical Specification of P6mm:

P6mm		
◆ **Technical Specification of P6mm:**		
0.576 (length)× 0.576(height) meters 0.331776 SQM PH6mm indoor SMD 3 IN 1(Black LEDs) LED video display with rental use super slim and lightweight die-casting aluminumum cabinet		
Pixel configuration	SMD 3 IN 1(Black LEDs)	
LEDs configuration	Red:wave length: 625~630nm;700-800mcd Green:wave length: 525~530nm;1500-1800mcd Blue:wave length: 470~475nm;400-500mcd	
Pixel pitch(mm)	6	
Pixel density(dots/㎡)	27778	
Calibrated brightness(cd/sqm,nit)	2000 nits(adjustable)	
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%(adjustable)	
Color temperature	3,500° — 9,500° K(adjustable)	
Contrast ratio	4,000:1(adjustable)	
Brightness adjustment(dimming)	100 grade auto/manual-adjustment	
View angle(degree)(50% brightness)	Horizontal: 120° (60° off center); Vertical: 70° (+25°/-45° off center)	
Readability viewing angle	Horizontal: 150° (75° off center); Vertical: 90° (+35°/-55° off center)	
Color capability	4.4 trillion	
Refresh rate(Hz)	>1200 Hz(adjustable)	
Frame frequency(Hz)	>60 Hz	
Interface port	DVI interface(DVI connector)	
Input signal	VGA, Video, AVI, MOV, MPG, DAT, VOB etc.	
Protection grade	IP65 front side/IP20 backside	
LED Drive	Constant-current drive	
Lifetime(hours)(50% brightness)	100,000 hours	
Signal transmission direction	Horizontal	
Operating temperature(Celsius degree)	-15～+55'	
Storage temperature(Celsius degree)	-30～+65'	
Operation humidity(RH)	0-95%	
Operation humidity(RH)	0-99%	
Servicing	Front and back serving optional	
Control mode	Synchronous & asynchronous available	
Communication options	Wire Ethernet, Fiber Ethernet,RF wireless,GPRS	
Power	120/240 V AC single phase(50-60Hz)	
Maximum power consumption(W/SQM)	400	
Average power consumption(W/SQM)	160	
Screen operation mode(scan/static)	1 / 8	
Module configuration(Pixels quantities of the	Length	48

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module)	Height	48
Module dimensions(mm)	Length	288
	Height	288
Cabinet configuration(Module quantities of the cabinet)	Length	2
	Height	2
Cabinet dimensions(mm)	Length	576
	Height	576
	Width	65
Screen configuration(cabinets quantities of the finished complet screen system)	Length	1
	Height	1
Screen dimensions(m)	Length	0.5760
	Height	0.5760
Screen Size(㎡)	0.33	
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	4
	Max	82
Resolution ratio(dots/pixels)	Length	96
	Height	96
Aspect Ratio(L:H)	1.00000	
Packaging configuration	2 standard cabinets in a packing case	
Packing material	Wooden case	
Packing quantities	1	
Packing volume(CBM)	0	
Packing Dimensions(mm)	Length	691
	Height	801
	Width	330
Packing weight(KG)	Net	18
	Gross	26
Volume weight(for air shipping)(KG)	15	
Volume weight(for express shipping)(KG)	18	

Thank you for your reading

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