



Indoor full color led display adopts SMD (Surface Mounted Device) or dot matrix technology. Indoor full color display is clearer than outdoor in terms of picture quality. The brightness of indoor panel is about 2000 nits. It has no need for indoor panel to use waterproof cabinets. Indoor panel includes wall mounted screen, single and tri-color screen. Full color indoor panel can be used to play video as advertising. Single and tri-color panel is usually used to show important information or notice, even weather forecast. Wall mounted indoor screen always adopts front maintenance method because it is impossible to open the cabinet from the back.

Indoor screen can usually be seen in all kinds of stations as message board, on the stage as background wall and in football or basketball field as score sign or side screen.

The best viewing distance of indoor panel is usually small in order to guarantee a clear look at the screen. So you can see the picture of indoor display clearly in a near distance. The size of indoor screen is not large because its viewing distance is nearer than outdoor screen.

Features:

- 1.Easy to maintain, High resolution, Good contract, Less Weight, easy to install. Widely used as the information billboard in Airport, Railway station, and big shopping mall, concert and ect.
- 2.The brightness of indoor LED signs is adjustable so as to ensure different environment.
- 3.Indoor SMD LED signs include PH4mm, PH5mm, PH6mm, PH7.62mm, PH10mm and PH12mm. P6mm and P7.62mm are most popular pixel pitch.
- 4.We make best design with high cost- efficiency according to the actual needs of our customers and we can offer OEM service as well.
- 5.We produce advertising LED display, rental LED display, traffic LED display, highway LED display, stadium LED display, curve shape LED display, text information LED display and so on.

Technical Specification:

Pixel configuration	SMD2020 1R1G1B 3 in 1
LEDs configuration	Red:wave length: 625~630nm;300-400mcd Green:wave length: 525~530nm;600-800mcd Blue:wave length: 470~475nm;100-150mcd
Pixel pitch(mm)	1.8,2.5,3,4.5,6,7,8
Pixel density	308025
Calibrated brightness(cd/sqm,nit)	1500 nits(adjustable)
Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%



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Color temperature	3,500°--9,500° K(adjustable)	
Contrast ratio	4,500:1	
Brightness adjustment(dimming)	100 grade auto/manual-adjustment	
View angle(degree)(50% brightness)	Horizontal: 160° (80° off center); Vertical: 160° (80° off center)	
Readability viewing angle	Horizontal/ Vertical: 170° (85° off center)	
Color capability	4.4 trillion	
Refresh rate(Hz)	>800 Hz	
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/IP54 backside	
LED Drive	Constant-current drive	
Lifetime(hours)(50% brightness)	100,000 hours	
Signal transmission direction	Horizontal	
Operating temperature(Celsius degree)	-30-65'	
Storage temperature(Celsius degree)	-35-70'	
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)	1000	
Average power consumption(W/SQM)	400	
Screen operation mode(scan/static)	1/16	
Module configuration(Pixels quantities of the module)	Length	64
	Height	32
Module dimensions(mm)	Length	179.2
	Height	89.6
Cabinet configuration	Length	3
	Height	6
Cabinet dimensions(mm)	Length	538
	Height	538



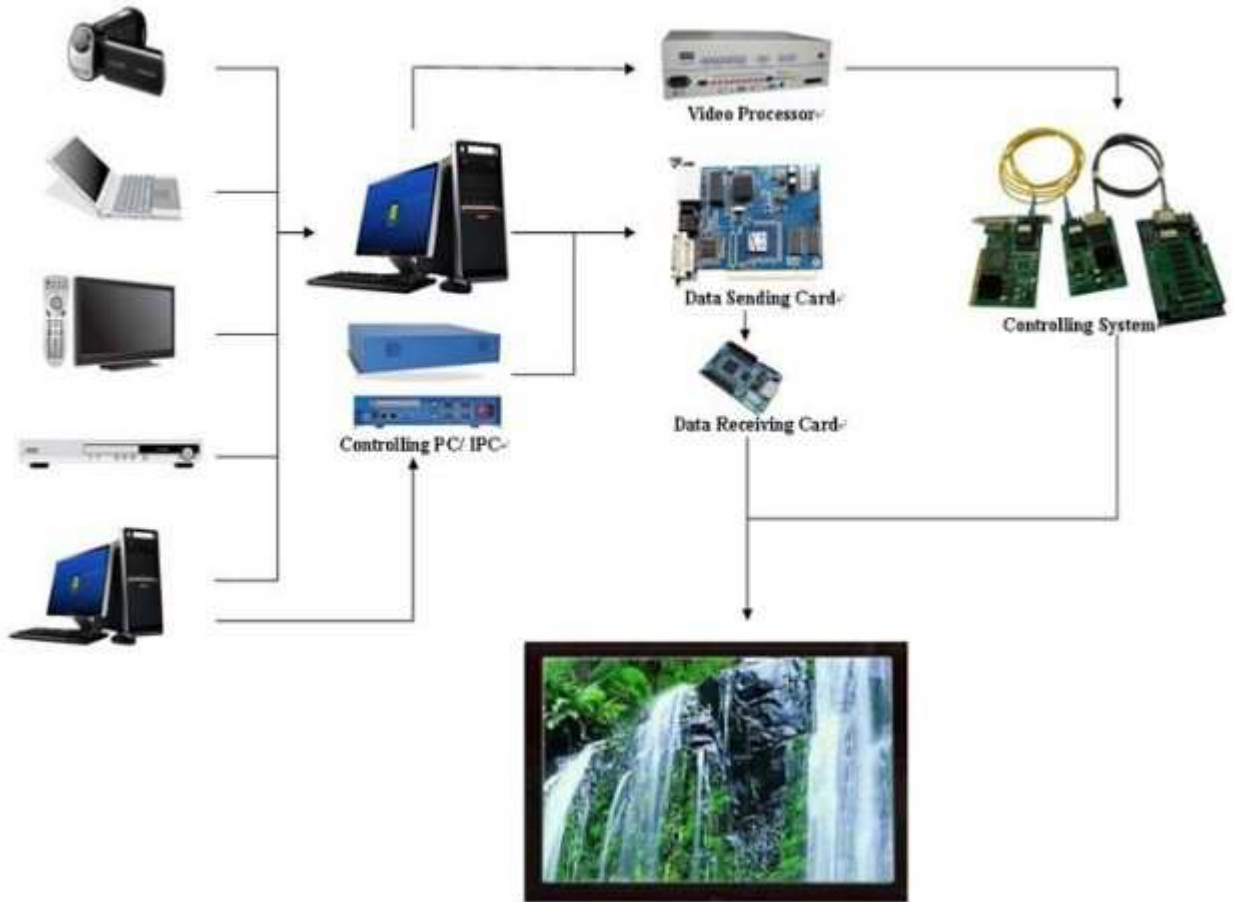
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	Width	170
Screen configuration(Finished complete screen system)	Length	4
	Height	3
Screen dimensions(m)	Length	2.1504
	Height	1.6128
Screen Size	SQM	3.4682
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	2
	Max	38
Resolution ratio(dots/pixels)	Length	768
	Height	576
Aspect Ratio(L:H)	1.33333	
Packaging configuration	2 standard cabinets in a packing case(1 cabinet in 1 packing case when the unit cabinet is more than 1.5SQM)	
Packing material	Wooden case/carton/flight case(optional)	
Packing quantities	6	
Packing volume(CBM)	1	
Packing Dimensions(mm)	Length	643
	Height	743
	Width	520
Packing weight(KG)	net	130
	gross	176



LED display screen control system connection diagram



Module-Cabinet-LED display screen configuration diagram

DISPLAY STRUCTURE

