



Introduction

P10mm Outdoor Rental LED display is high Resolution LED Displays, and mostly used in outdoor Event etc, it is important of advertising during the events time and the cost of the HD video advertising is decreasing greatly with the improved quality and stable performance.

Advantages of P10mm outdoor Rental led display:

1. Supports signal flow randomly, satisfies different array and putting in order to create different image effects.
2. Equips professional video processor, which supports signal formats like AV, DP, VGA, DVI, YPBPR, HDMI, SDI etc.
3. Supports brightness adjustment and white balance custom adjustment with 256 levels, which enables mix usage of different batches of display.
4. Good effect of water proof, with IP65 ingress protection, applied for outdoor rental use.

P10mm Outdoor Rental LED display Compared with traditional outdoor fixed advertising LED Display Screen, there are some different issues:

1. Lock button
2. Hanging cabinet's inner structure
3. Hanging beam
4. Bottom Bracket
5. Flight case

for the rental use LED screen: flight case, lock button & hanging structure is always necessary since the screen needs to move from one site to another very frequently and only use several days for each event.

If you need other LED Displays Products, Please do not hesitate to contact with us at sales@porstarled.net. Or view more products at www.pstled.com or www.porstarled.net.

Technical Specification (P10mm Outdoor Rental LED Display):

Pixel configuration	DIP346 1R1G1B
LEDs configuration	Red: wave length: 625~630nm;1100-1300mcd Green: wave length: 525~530nm;1900-2400mcd Blue: wave length: 470~475nm;500-700mcd
Pixel pitch(mm)	10
Pixel density	10000
Calibrated brightness	9000 nits(adjustable)



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Calibrated brightness proportion ratio	R: G: B = 30%:60%:10%	
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: 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	
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)	750	
Average power consumption(W/SQM)	300	
Screen operation mode(scan/static)	1/4	
Module configuration(Pixels quantities of the module)	Length	16
	Height	16

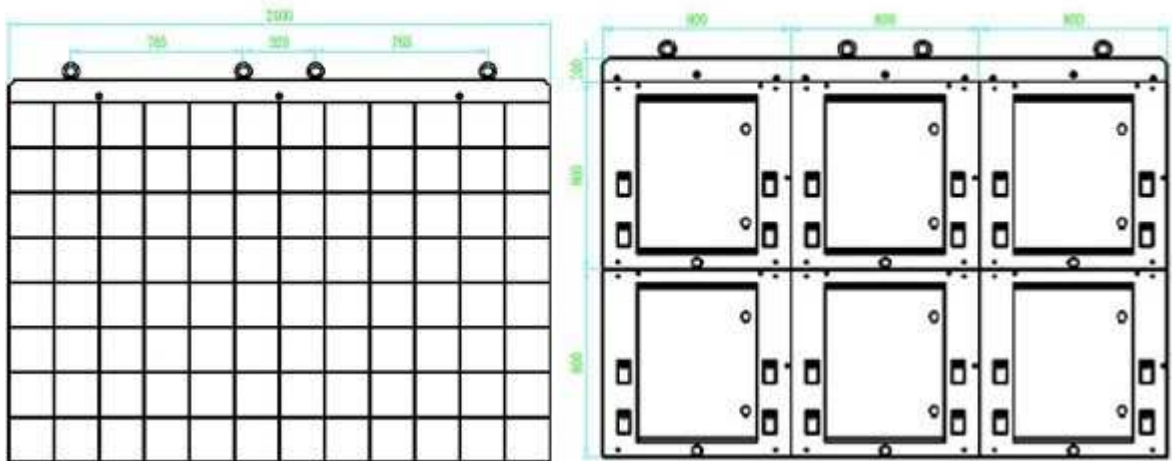


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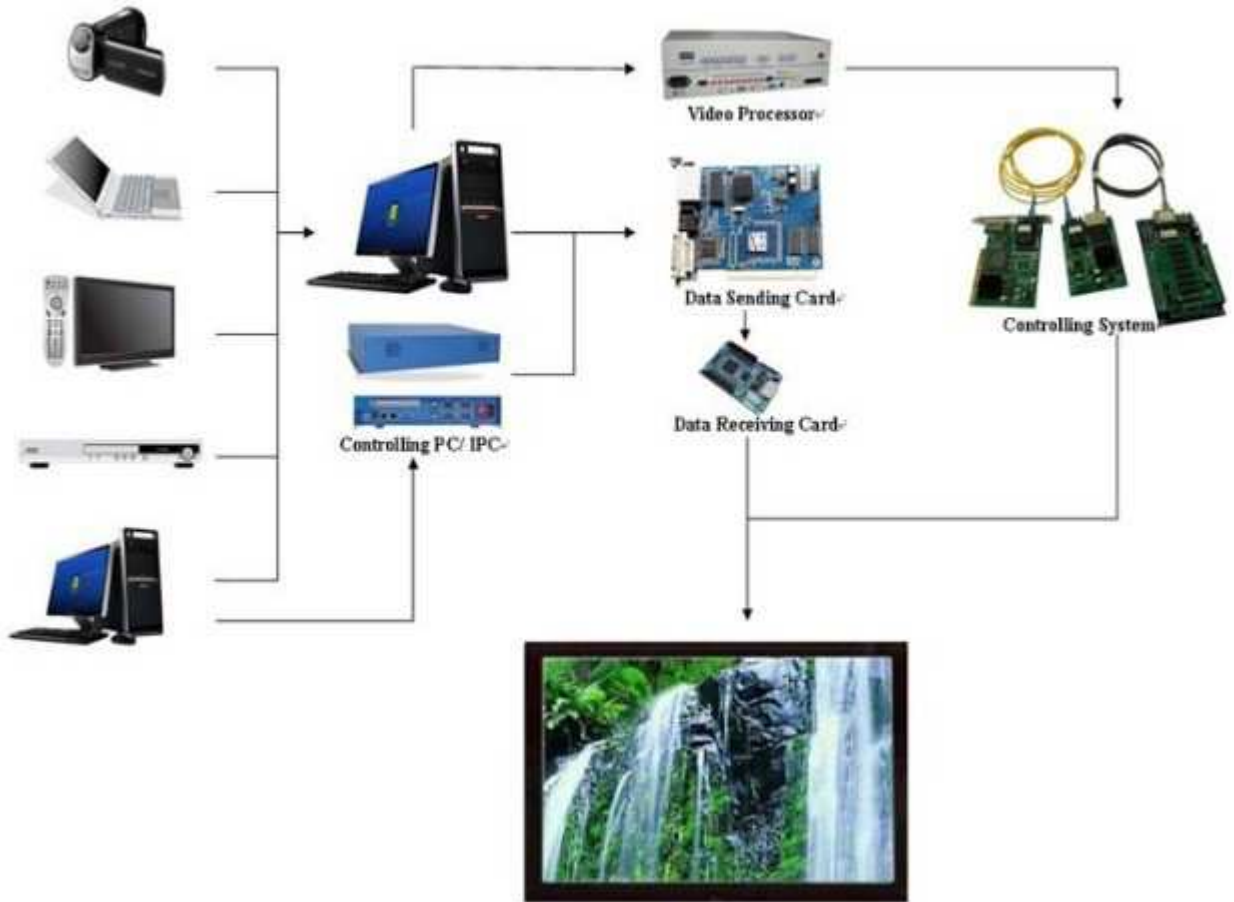
Module dimensions(mm)	Length	160
	Height	160
Cabinet configuration	Length	6
	Height	6
Cabinet dimensions(mm)	Length	960
	Height	960
	Width	170
Screen configuration	Length	3
	Height	3
Screen dimensions(m)	Length	3.8400
	Height	2.8800
Screen Size	SQM	11.0592
Recommend Optimal Viewing	Min	6
Distance: Minimum & Maximum	Max	136
Resolution ratio(dots/pixels)	Length	384
	Height	288
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	5	
Packing volume(CBM)	4	
Packing Dimensions(mm)	Length	1385
	Height	1165
	Width	520
Packing weight(KG)	net	829
	gross	1120

LED Display Locks&Hanging Structure:





LED display screen control system connection diagram



Module-Cabinet-LED display screen configuration diagram

DISPLAY STRUCTURE

