

## Technical Specification

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### ◆ Technical Specification:

#### 5.12 by 12.16 meters 62.2592 sqm PH16mm 2R1G1B virtual outdoor LED display screen

<b>Pixel Configuration</b>	2R,1G,1B	
Virtual/Visual pixel pitch(mm)	8	
Physical/Real pixel pitch(mm)	16	
Pixel density(dots/m <sup>2</sup> )(Virtual/Visual)	15625	
Pixel density(dots/m <sup>2</sup> )(physical/real)	3906	
Calibrated Brightness	7500 nits(adjustable)	
Color temperature	3,500° — 9,500° K(adjustable)	
Contrast ratio	4,000:1	
Brightness Adjustment	100 grade auto-adjustment	
View angle(degree)(50% brightness)	Horizontal: 120° (80° off center); Vertical: 70° (+25°/-45° off center)	
Color Capability	4.4 trillion	
Refresh rate(Hz)	>2400 Hz	
Frame frequency(Hz)	>60 Hz	
Interface port	DVI interface(DVI connector)	
Input signal	Video: PAL/NTSC    Optioned: VGA, video, DVD,TV	
Protection grade	IP65 front side/IP54 backside	
Operating temperature(Celsius degree)	-20~+55'	
Storage temperature(Celsius degree)	-30~+55'	
Operation Humidity(RH)	0-95%	
Storage Humidity(RH)	0-99%	
Lifetime(hours)(50% brightness)	100,000 hours	
Servicing	Front and Back	
Power supply	100-240V/50-60HZ	
Screen Operation mode:    static	1	
LED Drive	constant-current drive	
Power consumption(W/m <sup>2</sup> ):Maximum	1094	
Power consumption(W/m <sup>2</sup> ):Average	438	
<b>Module Configuration(Pixels quantities of the module)</b>	length	16
	height	8
Module Dimensions(mm)	length	256
	height	128

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<b>Cabinet Configuration(standard)(module quantities of the cabinet)</b>	length	4
	height	5
Cabinet Dimensions(standard)(mm)	length	1024
	height	640
	width	170
<b>Screen Configuration (only e.g. standard cabinet quantities of the screen)</b>	length	5
	height	19
Screen Dimensions(m)	length	5.1200
	height	12.1600
Screen Size(m <sup>2</sup> )	m <sup>2</sup>	62.2592
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	10
	Max	218
Visual Resolution(dots/pixels)	length	640
	height	1520
Physical Resolution(dots/pixels)	length	320
	height	760
Aspect Ratio		0.42105