

## Technical Specification

Created by Elwin from Shenzhen ERALED Optoelectronics Co., Ltd.

Email: salesmanager9@eraled.biz ; URL: www.led-display-boards.com

### ◆ Technical Specification:

**5.12 by 3.84 meters 19.6608 sqm PH16mm 2R1G1B virtual outdoor LED video display screen for rental use**

<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</b>	length	16

Add: Eraled Industry Park, Xincheng Road, Shajing town, Bao an District, Shenzhen, China. [URL: www.led-display-boards.com](http://www.led-display-boards.com),  
Email: manager@eraled.biz; MSN: Eraleddisplay@hotmail.com, Skype: Eraleddisplay Tel: 0086-75527592546; Fax: 0086-7552759256

<b>of the module)</b>	height	8
Module Dimensions(mm)	length	256
	height	128
<b>Cabinet Configuration(standard)(module quantities of the cabinet)</b>	length	5
	height	6
Cabinet Dimensions(standard)(mm)	length	1280
	height	768
	width	170
<b>Screen Configuration (only e.g. standard cabinet quantities of the screen)</b>	length	4
	height	5
Screen Dimensions(m)	length	5.1200
	height	3.8400
Screen Size(m <sup>2</sup> )	m <sup>2</sup>	19.6608
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	10
	Max	218
Visual Resolution(dots/pixels)	length	640
	height	480
Physical Resolution(dots/pixels)	length	320
	height	240
Aspect Ratio		1.33333