

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 12 meters 61.44 sqm PH20mm 2R1G1B virtual outdoor LED video display screen

Pixel Configuration	2R,1G,1B	
Virtual/Visual pixel pitch(mm)	10	
Physical/Real pixel pitch(mm)	20	
Pixel density(dots/m ²)(Virtual/Visual)	10000	
Pixel density(dots/m ²)(physical/real)	2500	
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 ²):Maximum	1000	
Power consumption(W/m ²):Average	400	
Module Configuration(Pixels quantities of the module)	length	16
	height	8
Module Dimensions(mm)	length	320
	height	160

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

Cabinet Configuration(standard)(module quantities of the cabinet)	length	4
	height	5
Cabinet Dimensions(standard)(mm)	length	1280
	height	800
	width	170
Screen Configuration (only e.g. standard cabinet quantities of the screen)	length	4
	height	15
Screen Dimensions(m)	length	5.1200
	height	12.0000
Screen Size(m ²)	m ²	61.4400
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	12
	Max	272
Visual Resolution(dots/pixels)	length	512
	height	1200
Physical Resolution(dots/pixels)	length	256
	height	600
Aspect Ratio		0.42667