

Technical Specification

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◆ Technical Specification:

5.12 by 4 meters 20.48 sqm PH10mm SMD5050 outdoor LED video display screen for rental use

Pixel Configuration	SMD5050 (1R,1G,1B)	
Virtual/Visual pixel pitch(mm)	5	
Physical/Real pixel pitch(mm)	10	
Pixel density(dots/m ²)(physical/real)	10000	
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: 160° (80° off center); Vertical: 160° (80° off center)	
Color Capability	4.4 trillion	
Refresh rate(Hz)	>3600 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~+65'	
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	1050	
Power consumption(W/m ²):Average	420	
Module Configuration(Pixels quantities of the module)	length	16
	height	16
Module Dimensions(mm)	length	160

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	height	160
Cabinet Configuration(standard)(module quantities of the cabinet)	length	8
	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	5
Screen Dimensions(m)	length	5.1200
	height	4.0000
Screen Size(m ²)	m ²	20.4800
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	6
	Max	136
Physical Resolution(dots/pixels)	length	512
	height	400
Aspect Ratio		1.28000