

Technical Specification

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◆ Technical Specification:		
3.136 by 2.016 meters 6.3222 sqm PH14mm 2R1G1B outdoor mobile LED video display screen		
Pixel Configuration	2R,1G,1B	
Virtual/Visual pixel pitch(mm)	7	
Physical/Real pixel pitch(mm)	14	
Pixel density(dots/m ²)(Virtual/Visual)	20408	
Pixel density(dots/m ²)(physical/real)	5102	
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: scan	1/2	
LED Drive	constant-current drive	
Power consumption(W/m ²):Maximum	1020	
Power consumption(W/m ²):Average	408	
Module Configuration(Pixels quantities of the module)	length	16
	height	8
Module Dimensions(mm)	length	224

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	height	112
Cabinet Configuration(standard)(module quantities of the cabinet)	length	7
	height	6
Cabinet Dimensions(standard)(mm)	length	1568
	height	672
	width	170
Screen Configuration (only e.g. standard cabinet quantities of the screen)	length	2
	height	3
Screen Dimensions(m)	length	3.1360
	height	2.0160
Screen Size(m ²)	m ²	6.3222
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	8
	Max	190
Visual Resolution(dots/pixels)	length	448
	height	288
Physical Resolution(dots/pixels)	length	224
	height	144
Aspect Ratio		1.55556