

Technical Specification

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2.88 by 1.92 meters 5.5296 sqm PH20mm 2R1G1B virtual outdoor mobile 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

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	height	160
Cabinet Configuration(standard)(module quantities of the cabinet)	length	3
	height	6
Cabinet Dimensions(standard)(mm)	length	960
	height	960
	width	170
Screen Configuration (only e.g. standard cabinet quantities of the screen)	length	3
	height	2
Screen Dimensions(m)	length	2.8800
	height	1.9200
Screen Size(m ²)	m ²	5.5296
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	12
	Max	272
Visual Resolution(dots/pixels)	length	288
	height	192
Physical Resolution(dots/pixels)	length	144
	height	96
Aspect Ratio		1.50000