



960 x 960mm Outdoor LED Panel (4 mm dot pitch)

- Powered by PIXELab's proprietary **RETINA TrinityLED™ Technology**, each and every LED pixel is closely matched to reproduce real-world image and colours.
- 4 mm pixel pitch LED Panel.
- Achieve true seamless stitching with high screen uniformity and no black lines
- High brightness, contrast and ultra-wide viewing angle.
- Long service life up to 100,000 hours and low maintenance cost.
- Controlled brightness & colour temperature range of each pixel on the screen to achieve image integrity and perfect picture display.
- Ultra-high refresh rate makes the video picture more exquisite and smooth to achieve realistic colour reproduction.
- Nanosecond response time eliminates image ghosting.
- High colour gamut coverage that is wider than NTSC colour gamut.
- Low-heat generating high-performance heat radiation design, low operating noise and energy saving.

Technical Specifications

Module Composition	
Pixel Package	Surface mounted RETINA TrinityLED™
Pixel Structure	1R1G1B
Pixel Pitch	4 mm
Pixel Density	62500 points /m ²
Module Resolution	80 x 40
Module Dimension	320 mm x 160 mm
Unit Composition	
Unit Module Composition	3(W)x6(H)
Unit Resolution	240(W) x 240(H)
Unit Dimension	960mm(W)x960mm(H)x118mm(D)
Unit Area	0.9216 m ²
Weight	42 kg
Weatherproof level	IP65
Optical Parameters	
Brightness	6000 (cd/m ²)
Brightness Uniformity	≥97%
Contrast	3000 : 1
Color temperature	3500-9300K adjustable
Viewing Angle	120°(Horizontal), 120°(Vertical)
Best Viewing Distance	≥4m
Blind Spot Rate	<1/10,000

Electrical parameters	
Power Supply	90 ~ 132 VAC / 180 ~ 264 VAC
Peak Consumption	900 W/m ²
Average Consumption	300 W/m ²
Processing Performance	
Drive Mode	Constant Current Drive
Frame Rate	≥60 fps/s
Refresh Rate	≥1920Hz
Grey level	65.5k
Color display	16.7 Million
General	
Service life	>50,000 (hours)
Temperature	-20 ~ 50°C (Working)
Humidity(RH)	10-90% (Non-condensing)