

DH-PHSA1.5-H

Indoor High End Small Pixel Pitch LED



Features:

- Bezel-free native 1080P, 4K and customized resolution LED video wall system.
- Ultimate visual performance with 16 bit grey scale, 1920 Hz refresh rate and 3000:1 contrast ratio.
- 24/7 reliability, 100,000hours lifespan at least.
- Dot by dot calibration ensures excellent color and brightness uniformity.
- Low power consumption, environment friendly.
- Natural heat dissipation mechanism enables fan-less design, no noise.



Technical Specification

Model

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Parameters

Pixel Pitch	1.58mm
Pixel Configuration	1R1G1B
LED Type	3-in-1 SMD1010
Brightness	800 cd/m ²
Color Temperature	2000K-9300K (adjustable)
Viewing Angle	H 160°, V 160°
Pixel Density	406,588 pixels/m ²
Recommended Viewing Distance	2M
Module Size	152.48mm×171.54mm
Cabinet Size	W609.92mm×H343.08mm×D75mm
Cabinet Weight	7.8kg
Area	0.209m ²
Material	Die-casting Aluminum
Aspect Ratio	16:9

Ingress Protection	IP50
Operating Temperature/ Humidity	-10 C~+45 C/10~90%RH
Storage Temperature/ Humidity	-20 C~+55 C/10~90%RH
Pixels per Cabinet	384×216 pixels
Processing Depth	16 bits
Gray Scale	65,536 levels per color
Color	281.4 trillion
Brightness Control	Manual/Automatic
Contrast Ratio	3000:1
Video Frame Rate	50/60 Hz
Rate Refresh	≥1920 Hz
Input Voltage	100-240V AC
Input Power Frequency	47~63 Hz
Input Power (max)	765 W/m ²
Input Power (typical)	253 W/m ²
Lifespan	100,000 h

LED Wavelength	R:620~630nm G:520~535nm B:465~475nm
Driving Method	1/16 Scan, Constant Current
Input Signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video, etc
Rigging Form	Stacking
Data Interconnection	CAT5 Cable (L≤100m); multi-mode fiber (L≤300m); single mode fiber (L≤15km)