

# DH-PHSA2.5-N

Indoor Normal Small Pixel Pitch LED



## Features :

- Leading technology of high grey level and low brightness, contrast ratio 3000:1, processing depth 16bit, refresh rate 2880Hz
- Wide color range, excellent color uniformity, no rainbow effect, broadcasting strong stability.
- Seamless, bezel-free, size-free splicing with adjusting accuracy is 0.01mm
- Metal cooling structure, no noise and no fan.
- Die-casting aluminum design, CNC precise processing.
- Modular front maintenance, supporting hot plugging for unit module and wires



## Technical Specification

### Model

Model	DH-PHSA2.5-N
-------	--------------

### Parameters

Pixel Pitch	2.5mm
Pixel Configuration	1R1G1B
LED Type	3-in-1 Black SMD1010
Brightness	800 cd/m <sup>2</sup>
Color Temperature	2000K-9300K (adjustable)
Viewing Angle	H160°, V160°
Pixel Density	160,000 pixels/m <sup>2</sup>
Recommended Viewing Distance	2M
Module Size	160mm×160mm
Cabinet Size	W480mm×H480mm×D88.24mm
Cabinet Weight	11.5kg
Area	0.2304m <sup>2</sup>
Material	Die-casting Aluminum
Aspect Ratio	1:1

Ingress Protection	IP30
Operating Temperature/ Humidity	0 C~+45 C/10~90%RH
Storage Temperature/ Humidity	-10 C~+55 C/10~90%RH
Pixels per Cabinet	192×192 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	≥2880 Hz
Input Voltage	100-240V AC
Input Power Frequency	47~63 Hz
Input Power (max)	759 W/m <sup>2</sup>
Input Power (typical)	251 W/m <sup>2</sup>
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)