

# DH-PHIA3.9

Indoor General LED



### Features:

- Every module, power supply and receiving card is front service and back service available, having less restriction in environment.
- Quick module maintenance. It takes only two seconds (a push and pull) to dismount a module owing to special spring buckle and magnet between module and cabinet.
- Super light to 23kg/m<sup>2</sup>, only 70% of the die-casting aluminum cabinet, and 80% of iron cabinets saving the cost of supporting structure and transportation.
- Ultra slim to 65mm, all together 145mm for the whole screen (supporting structure included), perfectly embedding into a wall.
- Ultra-viewing experience guaranteed by high definition, module dot by dot calibration and high gray level under low brightness to fit high-end hotel ballroom, church and class use, retail stores, airport etc.

### Technical Specification

#### Model

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#### Parameters

Pixel Pitch	3.9mm
Pixel Configuration	1R1G1B
LED Type	3-in-1 Blacklight SMD2121
Brightness	800 cd/m <sup>2</sup>
Color Temperature	2000K-9300K (adjustable)
Viewing Angle	H140°, V120°
Pixel Density	65,536 pixels/m <sup>2</sup>
Recommended Viewing Distance	≥3.9 m
Module Size	250mm×250mm
Cabinet Size	W500mm×H1000mm×D83.3mm
Cabinet Weight	13 kg
Cabinet Area	0.5 m <sup>2</sup>
Material	Die-casting Aluminum
Aspect Ratio	1:2



Ingress Protection	IP30
Operating Temperature/ Humidity	-10 C~+45 C/10~80%RH
Storage Temperature/ Humidity	-20 C~+55 C/10~80%RH
Pixels per Cabinet	128×256 pixels
Processing Depth	12 bits
Gray Scale	4096 levels per color
Color	68.7 trillion
Service Method	Rear & Front
Curve Optional	(Outer)-5 C~+5 C (Inner)
Calibration	Support luminance/chroma
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)	480 W/m <sup>2</sup>
Input power (typical)	160 W/m <sup>2</sup>
Lifespan	100,000 h
LED Wavelength	R:620~630nm G:520~535nm B:465~475nm
Driving Method	1/8 Scan, Constant Current
Input Signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video
Rigging Form	Hanging/Fixing
Data Interconnection	CAT5 Cable ( L≤100m ); multi-mode fiber ( L≤300m ); single mode fiber (L≤15km)