

# DHI-PHSIA1.6-MH

Indoor Fine Pixel Pitch LED



## Features:

- Ultra-high refresh rate by adopting VFE technology of driving IC.
- The power supply and control system loop hot backup, safe and reliable. .
- Ultra thin cabinet, thickness less than 40mm.
- 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	DHI-PHSIA1.6-MH
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### Parameters

Pixel Pitch	1.60mm
Pixel Configuration	1R1G1B
LED Type	SMD1010
Brightness	50~800 cd/m <sup>2</sup> (adjustable)
Color Temperature	1500K-12000K (adjustable)
Viewing Angle	H170°, V160°
Pixel Density	390,625 pixels/m <sup>2</sup>
Module Size	230.4mm×172.8mm
Cabinet Size	W460.8mm×H345.6mm×D40mm
Cabinet Weight	6.1kg/panel
Area	0.1593m <sup>2</sup>
Material	Die-casting Aluminum
Aspect Ratio	4:3

Ingress Protection	Front IP40/Rear IP42
Operating Temperature/ Humidity	-20 C~+50 C/10~90%RH
Storage Temperature/ Humidity	-40 C~+60 C/10~90%RH
Dots per Cabinet	288×216 dots
Processing Depth	≥ 16 bits
Gray Scale	65535 levels per color
Color	281.4 trillion
Brightness Control	Manual/Automatic
Contrast Ratio	8000:1
Video Frame Rate	50/60 Hz
Rate Refresh	1920~3840 Hz (adjustable)
Input Voltage	90-264V AC
Input Power Frequency	47~63 Hz
Input Power (max)	937 W/m <sup>2</sup>
Input Power (typical)	240 W/m <sup>2</sup>
Lifespan	100,000 h

LED Wavelength	R:620~630nm G:520~535nm B:465~475nm
Driving Method	1/54 Scan, Constant Current
Input Signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video, etc
Installation	Fixed
Maintenance	Front
Data Interconnection	CAT5 Cable ( L≤100m );