

DHI-PHSIA2.5-LF

Indoor Fine Pixel Pitch LED



Features :

- Support 24x7 continuous operation, high reliability, 100,000hours service life.
- Intelligent Low Power Consumption Design, Can be optional with common-cathode
- All parts support front maintenance.
- Dot by dot calibration ensures color richness and brightness uniformity.



Technical Specification

Model

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Parameters

Pixel Pitch	2.5mm
Pixel Configuration	1R1G1B
LED Type	SMD2020
Brightness	200~800 cd/m ² (adjustable)
Color Temperature	2500K-10000K (adjustable)
Viewing Angle	H140°, V140°
Pixel Density	160,000 pixels/m ²
Module Size	240mm×240mm
Cabinet Size	W480mm×H480mm×D61mm
Cabinet Weight	8.5kg/panel
Area	0.2304m ²
Material	Die-casting Aluminum
Aspect Ratio	1:1

Ingress Protection	Front IP40/Rear IP41
Operating Temperature/ Humidity	-10 C~+40 C /10~80%RH
Storage Temperature/ Humidity	-20 C~+60 C /10~80%RH
Dots per Cabinet	192×192 dots
Processing Depth	16 bits
Brightness Control	Manual/Automatic
Contrast Ratio	4000:1
Frame Rate	50/60 Hz
Refresh Rate	3840Hz
Input Voltage	105-240V AC
Input Power Frequency	50~60 Hz
Input Power (max)	700 W/m ²
Input Power (typical)	200 W/m ²
Lifespan	≥100,000 h

LED Wavelength	R:620nm G:520nm B:470nm
Input Signal	DVI/HDMI/VGA/SDI/DP/AV/S-Video, etc
Installation	Fixed
Maintenance	Front
Data Interconnection	CAT5 Cable (L≤140m); multi-mode fiber (L≤500m); single mode fiber (L≤20km)