

DHI-PHSIA1.2-SS

Indoor Fine Pixel Pitch LED



Features :

- Ultra-thin 25mm and super-light 5.0kg design.
- 16:9 Golden aspect ratio , can easily achieve pixel to pixel 2K,4K,8K,16K resolution.
- CNC die-casting aluminum cabinet, splicing tolerance is controlled within ± 0.1 mm.
- Supports dual backup of power supply and signals (customizable).
- Dot by dot calibration ensures color richness and brightness uniformity.



Technical Specification

Model

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Parameters

Pixel Pitch	1.25mm
Pixel Configuration	1R1G1B
LED Type	SMD 1010
Brightness (Max)	800 nit
Color Temperature	2000k ~ 9500K(adjustable)
Viewing Angle	H160° / V140°
Pixel Density	640,000 dots/m ²
Module Size	300mm×168.75mm
Module Resolution	240x135 dots
Cabinet Size	W600mm×H337.5mm×D25mm
Cabinet Resolution (W×H)	480×270 dots
Cabinet Weight	5.0 kg \pm 0.1
Cabinet Material	Die-casting Aluminum

Operating Temperature/ Humidity	-20 C~+50 C/10~80%RH
Storage Temperature/ Humidity	-25 C~+60 C/10~80%RH
IP Rating	Front IP30 / Rear IP30
Aspect Ratio	16:9
Gray Scale	12-14 bit
Contrast Ratio	5000:1
Refresh Rate	3840Hz
Input Voltage	AC 110~220V (+/-10%)
Input Power (max)	450 W/m ²
Input Power (Avg)	150 W/m ²
Installation	Wall Mounted/Floor Mounted
Maintenance	Front Maintenance
Lamp Lifespan	\geq 100,000 H
Signal Transmission Distance	CAT5 Cable (\leq 100m), multi-mode fiber (\leq 300m), single mode fiber (\leq 10km)