

DHI-PHSIA1.2-CH

Indoor Fine Pixel Pitch LED



Features :

- Mini COB(Chips on Board) technology.
- Ultra-thin 39mm and super-light 5.6kg 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 $\pm 0.1\text{mm}$.
- 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	1.25mm
Pixel Configuration	1R1G1B
LED Type	COB 3 in 1
Brightness	600 cd/m ²
Color Temperature	9300K \pm 200K
Viewing Angle	H160°, V160°
Pixel Density	640,000 pixels/m ²
Module Size	150mm \times 112.5mm
Cabinet Size	W600mm \times H337.5mm \times D39mm
Cabinet Weight	5.6 kg/panel
Area	0.2025m ²
Material	Die-casting Aluminum
Aspect Ratio	16:9

Ingress Protection	Front IP54/Rear IP54
Operating Temperature/ Humidity	-10 C \sim +40 C /10 \sim 80%RH
Storage Temperature/ Humidity	-40 C \sim +60 C /10 \sim 80%RH
Dots per Cabinet	480 \times 270 dots
Processing Depth	13 bits
Brightness Control	Manual/Automatic
Contrast Ratio	20000:1
Frame Rate	50/60 Hz
Refresh Rate	1920-3840Hz
Input Voltage	110-240V AC
Input Power Frequency	50 \sim 60 Hz
Input Power (max)	310 W/m ²
Input Power (typical)	100 W/m ²
Lifespan	\geq 100,000 h

Installation	Wall Mounted/Floor Mounted
Maintenance	Front Maintenance
Data Interconnection	CAT5 Cable (L≤100m); multi-mode fiber (L≤500m); single mode fiber (L≤20km)