

DHI-PHSIA1.8-SC

Overseas Dahua indoor 640 ×480 Front Maintenance fixed screen LED_P1.8_DHI-PHSIA1.8-SC



Series Overview

LED Display features high brightness functionality while consuming minimal power, allowing it to deliver visuals in vibrant colors. With a long lifespan and wide viewing angles, it is ideal for a diverse range of applications, including advertising and meetings.

Scene

indoor

Technical Specification

Environment

Application Scenarios	indoor
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LED Display

Pixel Pitch	1.86 mm
Pixel Configuration	1R1G1B
LED Type	SMD1515 (RGB 3-in-1)
Brightness (White Balance)	400-500 cd/m ²
Max. Brightness	500 cd/m ²
Color Temperature	2000K - 9500K (adjustable)
Viewing Angle	140° (H)/140° (V)
Pixel Density	288,906 dots/m ²
Grayscale	14 bits
Contrast Ratio	5000:1
Image Refresh Rate	3840 Hz

General

Packaging Types for LED Lamp Beads	SMD
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- 1、Power system integrated circuit board (power HUB all-in-one design), with wireless hard connection.
- 2、Module with no plastic bottom shell, ultra-light and ultra-thin, mounted in the enclosure.
- 3、Soft connections compatible with HUB75 and HUB320 interfaces
- 4、Parallel input power supply through the power bus for increased reliability.
- 5、The N+1 redundancy of the display prevents black screen faults.
- 6、Shared front and back connectors ensure high screen flatness.

Protection	IP30(Front), IP30 (Rear)
Operating Temperature	-10 °C to +45 °C (-14 °F to +113 °F)
Operating Humidity	10%–80% (RH)
Storage Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Storage Humidity	10%–80% (RH)
Power Supply	100-240 VAC(±10%),50/60Hz
Power Consumption	135 W/m ² (avg); 400 W/m ² (max)
Drive	Constant Current, 1/86 Scanning
Module Resolution	172 (H) × 86 (V)
Module Size	320 mm × 160 mm (12.60" × 6.30") (W × H)
Box resolution	344 (H) × 258 (V)
Product Dimensions	640 mm × 480 mm × 42 mm (25.20" × 18.90" × 1.65") (W × H × D)
Box Length-Width Ratio	4:3
Box Material	Plastic (Back Cover) /Die-Cast Aluminum (Structure)
Box Weight	6.5 kg ±0.5 kg (14.33 lb ± 1.10 lb)
Installation	Floor mounted, Hanging
Maintenance	Front maintenance
Signal Transmission Distance	CAT5 Cable (L≤100 m), multi-mode fiber (L≤300 m), single mode fiber (L≤10 km)

Certification

Certifications	CE
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Ordering Information		
Type	Model	Description
LED Display	DHI-PHSIA1.8-SC	Overseas Dahua indoor 640 x480 Front Maintenance fixed screen LED_P1.8_DHI- PHSIA1.8-SC

Dimensions (mm[inch])

