

# DHI-PHSIA2.5-SC

Overseas Dahua indoor 640 ×480 Front Maintenance fixed screen LED\_P2.5\_DHI-PHSIA2.5-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 |
|-----------------------|--------|

### LED Display

|                            |                             |
|----------------------------|-----------------------------|
| Pixel Pitch                | 2.5 mm                      |
| Pixel Configuration        | 1R1G1B                      |
| LED Type                   | SMD2121 (RGB 3-in-1)        |
| Brightness (White Balance) | 400-500 cd/m <sup>2</sup>   |
| Max. Brightness            | 600 cd/m <sup>2</sup>       |
| Color Temperature          | 2000K - 9500K (adjustable)  |
| Viewing Angle              | 140° (H)/140° (V)           |
| Pixel Density              | 160,000 dots/m <sup>2</sup> |
| Grayscale                  | 14 bits                     |
| Contrast Ratio             | 5000:1                      |
| Image Refresh Rate         | 3840 Hz                     |

### General

|                                    |     |
|------------------------------------|-----|
| Packaging Types for LED Lamp Beads | SMD |
|------------------------------------|-----|

- 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 <sup>2</sup> (avg); 400 W/m <sup>2</sup> (max)                     |
| Drive                        | Constant Current, 1/64 Scanning                                            |
| Module Resolution            | 128 (H) × 64 (V)                                                           |
| Module Size                  | 320 mm × 160 mm (12.60" × 6.30") ( W × H )                                 |
| Box resolution               | 256 (H) × 192 (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 (≤100 m), multi-mode fiber (≤300 m), single mode fiber (≤10 km) |

## Certification

|                |    |
|----------------|----|
| Certifications | CE |
|----------------|----|

| Ordering Information |                 |                                                                                                  |
|----------------------|-----------------|--------------------------------------------------------------------------------------------------|
| Type                 | Model           | Description                                                                                      |
| LED Display          | DHI-PHSIA2.5-SC | Overseas Dahua indoor 640<br>×480 Front Maintenance<br>fixed screen LED_P2.5_DHI-<br>PHSIA2.5-SC |

Dimensions (mm[inch])

