

# DHI-PHSIA1.2-CH

Indoor Fine Pixel Pitch LED



## Features :

- Mini Flip COB(Chips on Board) technology.
- Ultra-thin 40mm and super-light 4.0kg 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  $\pm 0.1\text{mm}$ .
- All parts support front maintenance.
- Dot by dot calibration ensures color richness and brightness uniformity.



## Technical Specification

### Model

|       |                 |
|-------|-----------------|
| Model | DHI-PHSIA1.2-CH |
|-------|-----------------|

### Parameters

|                          |                             |
|--------------------------|-----------------------------|
| Pixel Pitch              | 1.25mm                      |
| Pixel Configuration      | 1R1G1B                      |
| LED Type                 | Flip COB Chip               |
| Brightness (Max)         | 800 nit                     |
| Color Temperature        | 9300K $\pm$ 200K            |
| Viewing Angle            | H160° / V160°               |
| Pixel Density            | 640,000 dots/m <sup>2</sup> |
| Module Size              | 150mm×168.75mm              |
| Module Resolution        | 120x135 dots                |
| Cabinet Size             | W600mm×H337.5mm×D40mm       |
| Cabinet Resolution (W×H) | 480×270 dots                |
| Cabinet Weight           | 4.0 kg $\pm$ 0.1            |
| Cabinet Material         | Die-casting Aluminum        |

|                                 |  |
|---------------------------------|--|
| Operating Temperature/ Humidity | -10℃~+40℃/10~80%RH   |
| Storage Temperature/ Humidity   | -20℃~+60℃/10~80%RH   |
| IP Rating                       | Front IP65/Rear IP43   |
| Aspect Ratio                    | 16:9   |
| Gray Scale                      | 13 bit   |
| Contrast Ratio                  | 10000:1  |
| Refresh Rate                    | 3840Hz   |
| Input Voltage                   | AC 110~220V (+/-10%)   |
| Input Power (max)               | 350 W/m <sup>2</sup>   |
| Input Power (Avg)               | 120 W/m <sup>2</sup>   |
| Installation                    | Wall Mounted/Floor Mounted   |
| Maintenance                     | Front Maintenance  |
| Lamp Lifespan                   | $\geq 100,000$ H   |
| Signal Transmission Distance    | CAT5 Cable ( $\leq 100\text{m}$ ), multi-mode fiber ( $\leq 300\text{m}$ ), single mode fiber ( $\leq 10\text{km}$ ) |