

# DHI-PHSIA1.8-LC

Indoor Fine Pixel Pitch LED



## Features :

- Super-light 3.5kg design.
- 16:9 Golden aspect ratio , can easily achieve pixel to pixel 2K,4K,8K,16K resolution.
- Supports Flash correction data storage of light board.
- Hard connection, safe, reliable, convenient, easily replace modules.
- Support front and rear maintenance.



## Technical Specification

### Model

|       |                 |
|-------|-----------------|
| Model | DHI-PHSIA1.8-LC |
|-------|-----------------|

### Parameters

|                          |                             |
|--------------------------|-----------------------------|
| Pixel Pitch              | 1.875 mm                    |
| Pixel Configuration      | 1R1G1B                      |
| LED Type                 | SMD 1515                    |
| Brightness (Max)         | 450 nit                     |
| Color Temperature        | 3200k~12000k                |
| Viewing Angle            | H160° / V140°               |
| Pixel Density            | 284,444 dots/m <sup>2</sup> |
| Module Size              | 300mm×168.75 mm             |
| Module Resolution        | 160x90dots                  |
| Cabinet Size             | W600mm×H337.5mm×D39.6mm     |
| Cabinet Resolution (W×H) | 320×180 dots                |
| Cabinet Weight           | 3.5 kg                      |
| Cabinet Material         | Die-casting Aluminum        |

|                                 |                                                                                  |
|---------------------------------|----------------------------------------------------------------------------------|
| Operating Temperature/ Humidity | -10℃~+40℃/10~65%RH                                                               |
| Storage Temperature/ Humidity   | -20℃~+55℃/10~65%RH                                                               |
| IP Rating                       | Front IP30/Rear IP30                                                             |
| Aspect Ratio                    | 16:9                                                                             |
| Gray Scale                      | 12-14 bit                                                                        |
| Contrast Ratio                  | 6000:1                                                                           |
| Refresh Rate                    | 3840Hz                                                                           |
| Input Voltage                   | AC 100~240V (+/-10%)                                                             |
| Input Power (max)               | 370 W/m <sup>2</sup>                                                             |
| Input Power (Avg)               | 125 W/m <sup>2</sup>                                                             |
| Installation                    | Wall Mounted                                                                     |
| Maintenance                     | Front / Rear Maintenance                                                         |
| Lamp Lifespan                   | ≥100,000 H                                                                       |
| Signal Transmission Distance    | CAT5 Cable ( L≤100m ), multi-mode fiber ( L≤300m ), single mode fiber ( L≤10km ) |