

DHI-PHEIA1.8-TH

Indoor Fine Pixel Pitch LED



Features :

- Three-in-one integrated design of control board.
- Support Front/Rear maintenance.
- Tool free disassembly of Hub board.
- Hardwired wireless design.
- Support GOB encapsulation technology (customizable)
- Dot by dot calibration ensures color richness and brightness uniformity.



Technical Specification

Model

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| Model | DHI-PHEIA1.8-TH |
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Parameters

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| Pixel Pitch | 1.86mm |
| Pixel Configuration | 1R1G1B |
| LED Type | SMD1515 |
| Brightness (Max) | 600 nit |
| Color Temperature | 2000K-9500K |
| Viewing Angle | H140° / V140° |
| Pixel Density | 288,906 dots/m ² |
| Module Size | 320mm×160mm |
| Module Resolution | 172x86 dots |
| Cabinet Size | W640mm×H480mm×D54mm |
| Cabinet Resolution (W×H) | 344×258 dots |
| Cabinet Weight | 6.5 kg ± 0.1 |
| Cabinet Material | Die-casting Aluminum |

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| Operating Temperature/ Humidity | -10 C~+45 C/10~80%RH |
| Storage Temperature/ Humidity | -20 C~+55 C/10~80%RH |
| IP Rating | Front IP30/Rear IP30 |
| Aspect Ratio | 4:3 |
| Gray Scale | 12-14 bit |
| Contrast Ratio | 5000:1 |
| Refresh Rate | 3840Hz |
| Input Voltage | AC 100~220V (+/-10%) |
| Input Power (max) | 650 W/m ² |
| Input Power (Avg) | 210 W/m ² |
| Installation | Wall Mounted/Floor 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) |