

LED-HH-MA18EI



KEY FEATURES

Flexible Splicing

- The modular kit, made of polymer material, ensures superb splicing accuracy and screen flatness
- Smaller product size makes an ideal choice for flexible splicing

Durable Protection

- Completely sealed module using a special glue-feed technology creates excellent water and dust resistance for IP65-level protection for outdoor products
- Highly corrosion-proof fixed copper lamp bracket

Precise Display

- PWM driver IC provides a high refresh rate and guarantees accurate reproduction
- Exquisite display with a wide viewing angle, pure and consistent color, and stable and uniform brightness

High Stability

- SMD-encapsulated lamp beads are soldered onto the PCB board using surface mount technology
- Electric connectors equipped with gold-coated signal socket connectors and flame-retardant power socket connectors ensure durability and reliability.

▪ Specification

Module	
Pixel Configuration	SMD1515 3-IN-1 LED
Pixel Pitch Category	P1.8
Pixel Pitch	1.86 mm
Dimensions (W x H)	320mm x 160mm
Module Resolution	172 x 86 Dots
Pixel Density	288906 dots/m2
Display	
Color Temperature	3000k to 10000k adjustable
Viewing Angle	Horizontal 160°, vertical 160°
Brightness Uniformity	≥ 97%
Color Uniformity	≤ ±0.003 Cx, Cy
Brightness	≥ 600 nits
Processing Performance	
Scan Chip	MBI 5124
Driving Method	Constant current driving
Frame Frequency	60 Hz
Refresh Rate	3840 Hz
Grey Level	65,536
Display Color	281 trillion
Power	
Max. Consumption	≤ 600 W/m2
Average Consumption	200 W/m2
General	
IP Level	IP30
Working Temperature	Indoor, -10 to 40 °C
Service Life (H)	100,000 hours

▪ Available Model

LED-HH-MA18EI, Indoor, 1.86mm, 320x160mm