

LED-HH-MB1EO



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	SMD3535 3-IN-1 LED
Pixel Pitch Category	P10.0
Pixel Pitch	10.0 mm
Dimensions (W x H)	320mm x 160mm
Module Resolution	32x16 Dots
Pixel Density	10000 pitch/m ²
Display	
Color Temperature	3500k to 10000k adjustable
Viewing Angle	Horizontal 160°, vertical 160°
Brightness Uniformity	≥ 97%
Color Uniformity	≤ ±0.003 Cx, Cy
Brightness	≥ 6000 nits
Processing Performance	
Scan Chip	MBI 5124
Driving Method	Constant current driving
Frame Frequency	60 Hz
Refresh Rate	1920 Hz
Grey Level	65,536
Display Color	16,777,216
Power	
Max. Consumption	800 W/m ²
Average Consumption	300 W/m ²
General	
IP Level	IP 65 (Front)
Working Temperature	Outdoor, -20 to 50 °C
Service Life (H)	100,000 hours

▪ Available Model

LED-HH-MB1EO, Outdoor, 10mm, 320x160mm