

# Outdoor

	Model Name	LED-M30H0	LED-M30N0	LED-M40H0	LED-M40N0	LED-M50H0
Module	Pixel Configuration	SMD 3-IN-1 LED				
	Pixel Pitch Category	P3.0	P3.0	P4.0	P4.0	P5.0
	Pixel Pitch	3.0 mm	3.0 mm	4.0 mm	4.0 mm	5.0 mm
	Dimensions	320 × 160 mm				
	Resolution	104 × 52	104 × 52	80 × 40	80 × 40	64 × 32
	Pixel Density	105625 pitch/m <sup>2</sup>	105625 pitch/m <sup>2</sup>	62,500 pitch/m <sup>2</sup>	62,500 pitch/m <sup>2</sup>	40000 pitch/m <sup>2</sup>
Display	Color Temperature	3500 to 10000K adjustable	3500 to 10000K adjustable	3500k to 9300k adjustable	3500k to 9300k adjustable	3500k to 9300k adjustable
	Viewing Angle	Horizontal 160°, vertical 160°	Horizontal 160°, vertical 160°	Horizontal 120°, vertical 120°	Horizontal 120°, vertical 120°	Horizontal 160°, vertical 160°
	Brightness Uniformity	≥ 97%				
	Color Uniformity	≤ ± 0.003 Cx, Cy				
	Brightness	≥ 4500 nits				
	Processing Performance	Driving Method	Constant current driving			
Frame Frequency		60 Hz				
Refresh Rate		3840 Hz	1920 Hz	3840 Hz	1920 Hz	3840 Hz
Grey Level		65,536				
Display Color		16,777,216				
Power	Max. Consumption	800 W/m <sup>2</sup>				
	Average Consumption	300 W/m <sup>2</sup>				
General	IP Level	IP 65 (Front)				
	Working Temperature	Outdoor, -20 to 50 °C				
	Service Life (H)	≥ 100,000 hours				

	LED-M50N0	LED-M60H0	LED-M60N0	LED-M80H0	LED-M80N0	LED-MA0H0	LED-MA0N0
Module	SMD 3-IN-1 LED						
	P5.0	P6.0	P6.0	P8.0	P8.0	P10	P10
	5.0 mm	6.0 mm	6.0 mm	8.0 mm	8.0 mm	10.0 mm	10.0 mm
	320mm × 160 mm	192mm × 192 mm	192mm × 192 mm	320mm × 160 mm	320mm × 160 mm	320mm × 160 mm	320mm × 160 mm
	64x32	32x32	32x32	40x20	40x20	32x16	32x16
	40000 pitch/m <sup>2</sup>	27777 pitch/m <sup>2</sup>	27777 pitch/m <sup>2</sup>	15625 pitch/m <sup>2</sup>	15625 pitch/m <sup>2</sup>	10000 pitch/m <sup>2</sup>	10000 pitch/m <sup>2</sup>
Display	3500k to 9300k adjustable	3500 to 10000K adjustable	3500 to 10000K adjustable	3500 to 10000K adjustable	3500 to 10000K adjustable	3500 to 10000K adjustable	3500 to 10000K adjustable
	Horizontal 160°, vertical 160°						
	≥ 97%						
	≤ ± 0.003 Cx, Cy						
	≥ 4500nits	≥ 4500nits	≥ 4500nits	≥ 4500nits	≥ 4500nits	≥ 4000nits	≥ 4000nits
	Processing Performance	Constant current driving					
60 Hz							
1920 Hz		3840 Hz	1920 Hz	3840 Hz	1920 Hz	3840 Hz	1920 Hz
65,536							
16,777,216							
Power	800 W/m <sup>2</sup>						
	300 W/m <sup>2</sup>						
General	IP 65 (Front)						
	Outdoor, -20 to 50 °C						
	≥ 100,000 hours						

## SEAMLESS SPLICING FOR DISPLAYS OF ANY SIZE AND SHAPE

Budget-friendly Choice for Full-color LED Displays

**LED Module** Multiple Pixel Pitch Options

Indoor Scenario: **P1.5, P1.8, P2.0, P2.5, P3, P4**  
Outdoor Scenario: **P3, P4, P5, P6, P8, P10**



**HiLook**  
Great View, Great Value

# 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.

# Indoor

	Model Name	LED-M15HI	LED-M18HI	LED-M20HI	LED-M20NI	LED-M25HI
Module	Pixel Configuration	SMD 3-IN-1 LED				
	Pixel Pitch Category	P1.53	P1.8	P2.0	P2.0	P2.5
	Pixel Pitch	1.538 mm	1.86 mm	2.0 mm	2.0 mm	2.5 mm
	Dimensions	320 mm × 160 mm				
	Resolution	208 × 104	172 × 86	160 × 80	160 × 80	128 × 64
	Pixel Density	422500 dots/m <sup>2</sup>	288906 dots/m <sup>2</sup>	250000 dots/m <sup>2</sup>	250000 dots/m <sup>2</sup>	160000 dots/m <sup>2</sup>
Display	Color Temperature	3000 K to 10000 K adjustable				
	Viewing Angle	Horizontal 160°, vertical 160°				
	Brightness Uniformity	≥ 97%				
	Color Uniformity	≤ ± 0.003Cx, Cy				
	Brightness	≥ 600 nits				
Processing Performance	Driving Method	Constant current driving				
	Frame Frequency	60 Hz				
	Refresh Rate	3840 Hz	3840 Hz	3840 Hz	1920 Hz	3840 Hz
	Grey Level	65,536				
Display Color	281 trillion					
Power	Max. Consumption	≤ 600 W/m <sup>2</sup>				
	Average Consumption	200 W/m <sup>2</sup>				
General	Working Temperature	Indoor, -10-40°C				
	Service Life (H)	≥ 100,000 hours				

	LED-M25NI	LED-M30HI	LED-M30NI	LED-M40HI	LED-M40NI
	SMD 3-IN-1 LED				
	P2.5	P3	P3.0	P4.0	P4.0
	2.5 mm	3.0 mm	3.0 mm	4.0 mm	4.0 mm
	320mm × 160 mm	192 mm × 192 mm	192 × 192 mm	320mm × 160 mm	320mm × 160 mm
	128 × 64	64 × 64	64 × 64	80 × 40	80 × 40
	160,000 pitch/m <sup>2</sup>	111,111 pitch/ m <sup>2</sup>	111,111 pitch/ m <sup>2</sup>	62,500 pitch/m <sup>2</sup>	62,500 pitch/m <sup>2</sup>
	2000 to 10000 adjustable	3000 K to 10000 K adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable	2000 to 10000 adjustable
	Horizontal 160°, vertical 160°				
	≥ 97%				
	≤ ± 0.003 Cx, Cy				
	≥ 600 nits				
	Constant current driving				
	60 Hz				
	1920 Hz	3840 Hz	1920 Hz	3840 Hz	1920 Hz
	65,536				
	281 trillion				
	400 W/m <sup>2</sup>	≤ 600 W/m <sup>2</sup>	400 W/m <sup>2</sup>	400 W/m <sup>2</sup>	351 W/m <sup>2</sup>
	130 W/m <sup>2</sup>	200 W/m <sup>2</sup>	130 W/m <sup>2</sup>	130 W/m <sup>2</sup>	175 W/m <sup>2</sup>
	Indoor, -10 to 40 °C				
	≥ 100,000 hours				