



## Inspur Outdoor LED Module

Using high-quality LED chips, it features high brightness and high contrast display characteristics, resists sunlight interference, presents bright and vivid images, and ensures that the displayed content is clearly visible.



Brightness: 5000cd/ m<sup>2</sup>



Contrast: 5000:1

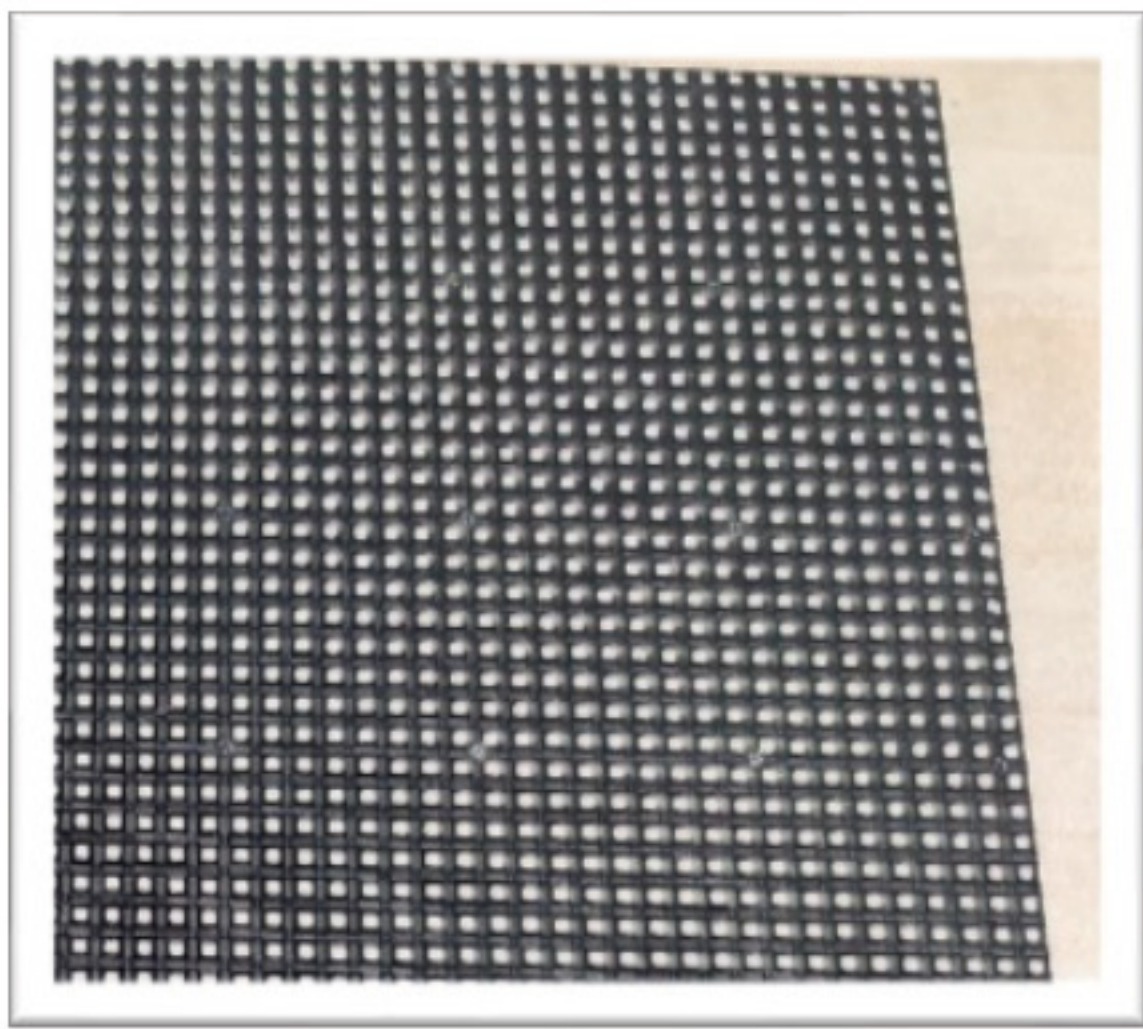


Equipped with a high-performance PWM driving IC, it boasts a nanosecond-level response speed and a refresh rate of up to 3840 times per second, eliminating frame drops and lags. The images are meticulously detailed and realistic, with vivid colors.

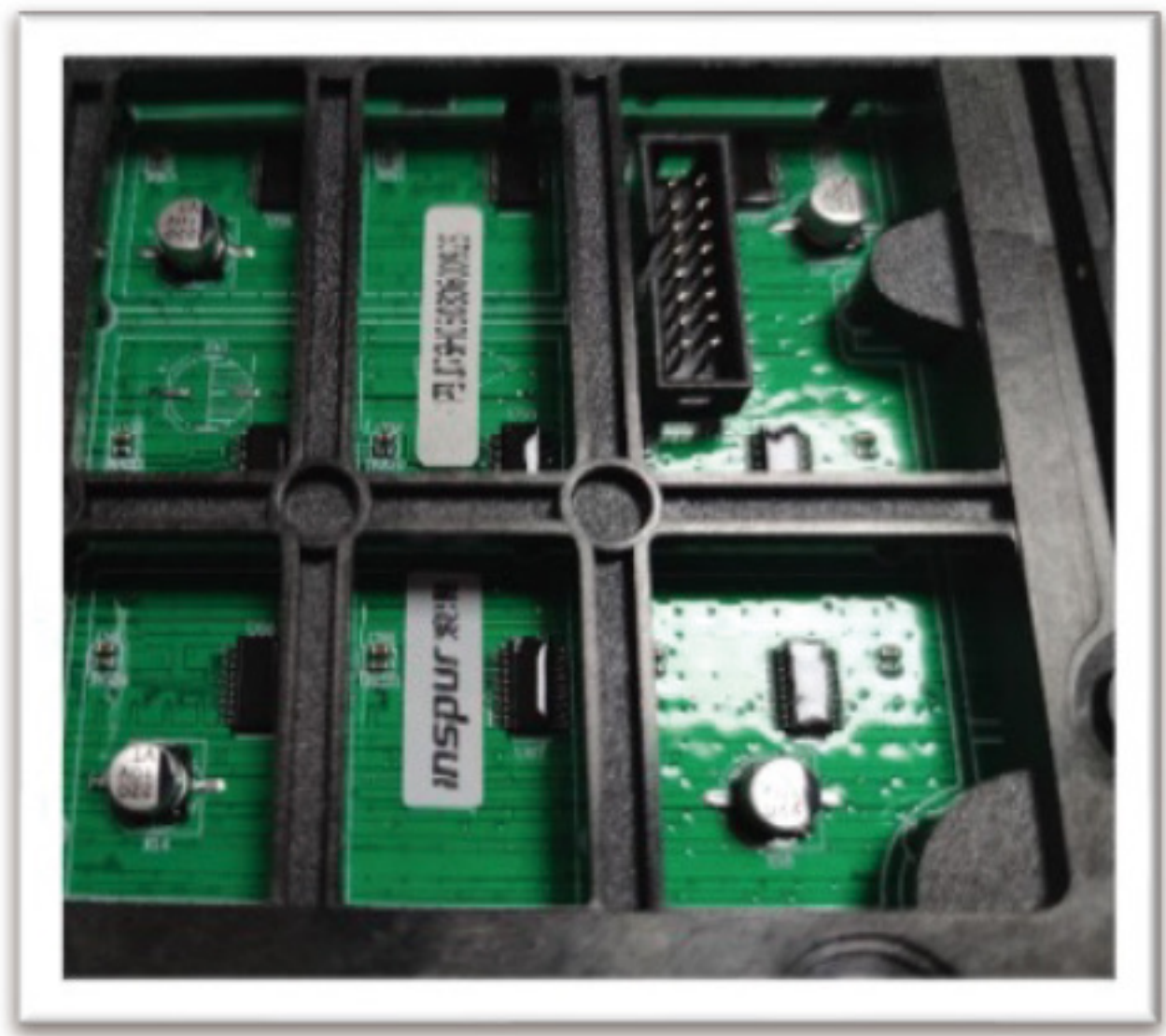


Front-side Potting of Modules

Protects LED chips from moisture, humidity, and dust, achieving waterproofing and sealing for the LED chips, and extending the service life.



UV-resistant deep black mask with uniform ink distribution and a 140° ultra-wide viewing angle, ensuring clear visibility from any angle.



Conformal Coating on the Backside

Offers superior insulation, moisture resistance, dustproofing, and corrosion resistance. It forms a protective film on the PCB board, thereby extending the service life of the PCB board.



Product Parameters							
LED Display Module	LC15HWP25	LC14HWP3076	LC19HWP40	LC19HWP50	LC27HWP6667	LC35HWP80	LC35HWP100
Pixel Composition	1R1G1B						
LED Packaging	SMD1415	SMD1415	SMD1921	SMD1921	SMD2727	SMD3535	SMD3535
Pixel Pitch (mm)	2.5	3.076	4	5	6.67	8	10
Module Resolution (W X H)	128 x 64	104 x 52	80 x 40	64 x 32	48 x 24	40 x 20	32 x 16
Module Size (W×H×D) (mm)	320 x 160 x 17						
Module Input Voltage (V)	4.5~5						
Brightness (Cd/m²)	≥ 5000						
Color Temperature (K)	6500(2000K ~ 9300K Adjustable)						
Viewing Angle (H/V)	140°/140 °						
Contrast	5000:1						
Peak Power Consumption (W/m²)	≤ 760						
Average Power Consumption (W/m²)	≤ 255						
Power Supply Requirements	AC100 ~ 240V (50-60Hz)						
Scanning Method	1/16 Sweep	1/13 Sweep	1/10 Sweep	1/8 Sweep	1/8 Sweep	1/5 Sweep	1/2 Sweep
Refresh Rate (Hz)	3840						
Depth Of Processing (Bits)	14						
Typical Value Of Life (H)	≥ 50000						
Interface Type	HUB75E Interface						
Operating Temperature/Humidity Range	-20 ° C - 50 ° C / 10%-90%RH (No Condensation)						
Store Temperature/Humidity Range	-40 ° C - 60 ° C / 10%-90%RH (No Condensation)						

Note: The above parameters are for reference only and are not the basis for final delivery. The product can be customized according to requirements

Application Scenarios



Outdoor Media Advertising



Stage Performances



Naked-Eye 3D



Stadiums



Shopping Centers



Transportation Hubs

INSPUR INTELLIGENT TERMINAL CO., LTD.

Official Customer Service: +86 531 85105558 Website: <https://en.inspur.com>  
Official Email: [IITOS@inspur.com](mailto:IITOS@inspur.com) Address: No. 1036, Langchao Road, Gaoxin District, Ji'nan City, Shandong Province

