


OUTDOOR FINE PITCH ENERGY SAVING



 8,000nits

 13,000:1

 20% Power Saving

Premium LED VS other

Superior contrast. Premium LED features a 30% smaller white area than standard LEDs.



Others

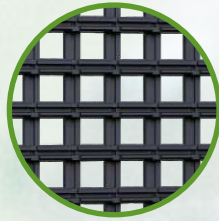


Premium LED

Flexible Mask Option



High Contrast



Wide Viewing Angle



Premium LED

Premium LED's ultra-high contrast delivers superior visual clarity, detail, and vibrancy.



Others

Lower contrast in others causes a grayish look and loss of detail.

High Contrast

Video content stays more vivid and clearly visible even in strong sunlight!



8,000nits

High Brightness



13,000:1

High Contrast

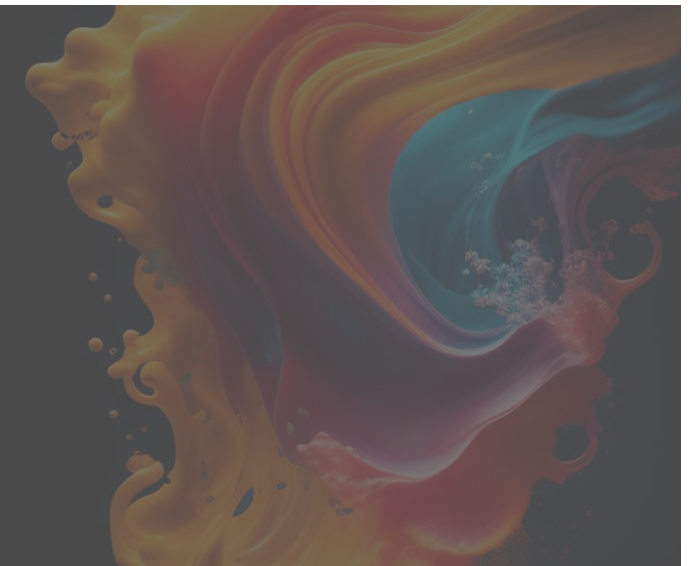


This outdoor LED display is engineered for optimal visibility and color retention in direct sunlight, ensuring outstanding performance in outdoor environments.

The others have reduced visibility and color saturation in direct sunlight, limiting their effectiveness in certain lighting conditions.



Premium LED(5,000nits)



Others(5,000nits)

Common Cathode Energy Saving Technology

The tech powers the RGB chips separately—3.2V for the red chip and 4.2V for green and blue—reducing power consumption by at least 20%.



20%

Power saving



Stable Operation



Low Carbon



Conservation



Energy Saving



Extremely Light And Thin

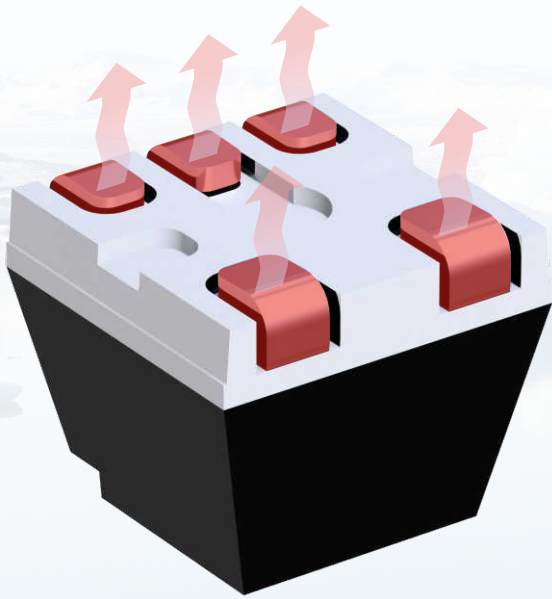


Energy-saving Technology

Sustainability is at the core of our values, driving everything from green technology R&D to low-carbon certified products. Our commitment to energy savings and environmental improvement reflects this dedication.

Patented 5-Pin LED Structure

The patented 5-pin structure greatly improves stability and heat dissipation, with a larger cooling area for more reliable long-term performance.



Premium LED



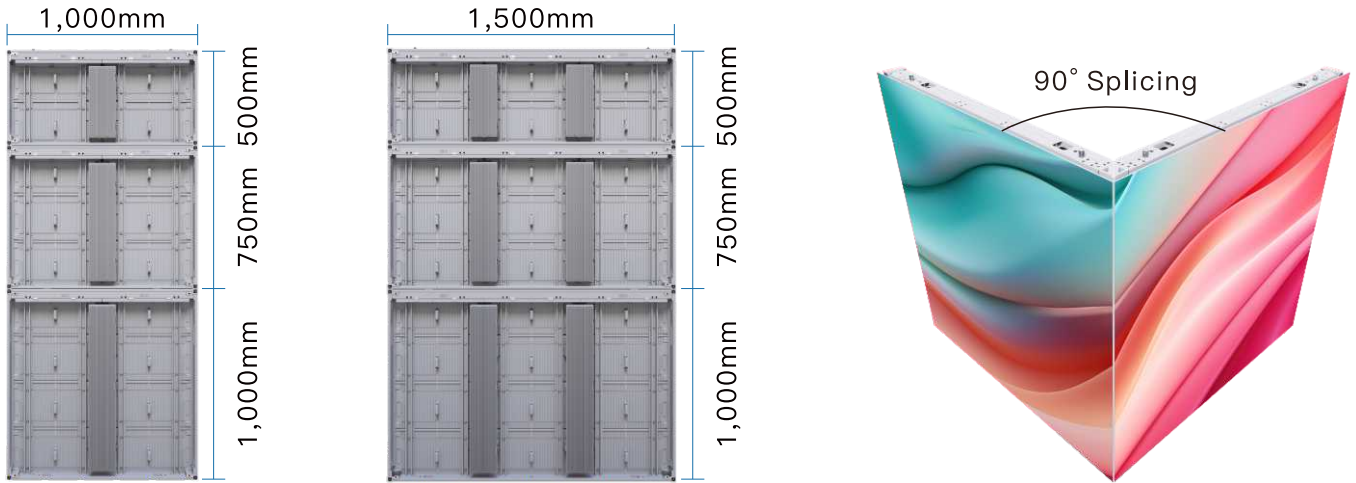
Others

The world's unique lamp bead cooling technology, combined with an all-metal aluminum module base and cabinet structure, delivers double heat dissipation performance.

The fanless design prevents dust and moisture from entering the box, reducing the risk of heat dissipation issues from fan failure and enhancing product reliability.



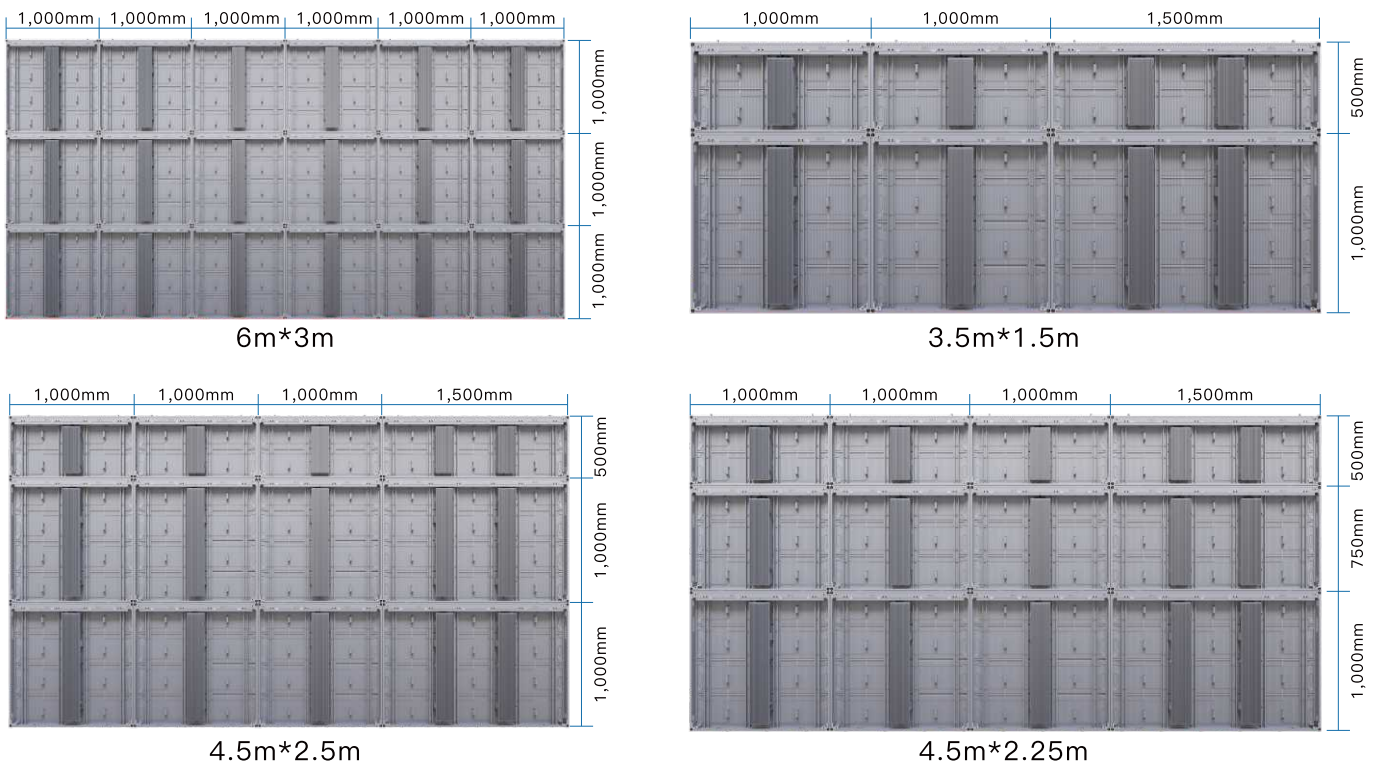
Flexible cabinet size



Flexible VR installation



Flexible Cabinet assembly to meet flexible billboard requirements, full size or extra 0.5m for both width/height



Specifications

Model Name	P3.9	P4.8
Pixel Pitch (mm)	3.91	4.81
Pixel Density (dot/m ²)	65,536	43,264
Module Resolution (PX* PX)	128*64	104*52
Module Size (mm * mm)	500*250	500*250
Module Weight (kg)	1.7	1.7
Module Thickness (mm)	20	20
Contrast Ratio	13,000:1	13,000:1
Horizontal Viewing Angle (Deg)	160°	160°
Vertical Viewing Angle (Deg)	90°	90°
Brightness (cd/m ²)	3,000/4,000/5,000/6,000(Copper Wire)	5,000/6,000/7,000/8,000(Golden Wire)
Max Power Consumption (W/m ²)	325±5%/430±5%/540±5%/650±5%	410±5%/490±5%/570±5%/650±5%
Average Power Consumption (W/m ²)	98/129/162/195	123/147/171/195
Grey Scale (bit)	14-16	
Refresh Rate (Hz)	3,840-7,680	
Cabinet Size (mm * mm)	1,000*500/1,000*750/1,000*1000/1,500*500/1,500*750/1,500*1000	
Cabinet Thickness (mm)	81.5	
Cabinet Weight (Kg/m ²)	27	
Input Voltage (V)	AC100-240V	
Working Temperature (°C)	-40~+55°C	
Working Humidity (RH)	10%~95%RH	
Storage Humidity (RH)	10%~60%RH	
Storage Temperature (°C)	-40~+60°C	
Maintenance Type	Front/Rear	
Installation Type	Front/Rear	
Life Span	>100,000 hours	
Controlling System	Synchronous/Asynchronous	
Ingress Protection	IP66	
Certificates	CE(LVD、EMC), CB, FCC, ETL	



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