



Display Screen Catalog



Parameters

outdoor	P2.83	P4	P6.25	P7.5
Pixelpitch(mm)	2.83mm	4mm	6.25mm	7.5mm
LED	SMD1415	SMD1921	SMD2727	SMD2727
Pixel Density(dots/m)	126222dots/m ²	62500dots/m ²	25600 dots/m ²	17777dots/m ²
Module Size(mm)	400*225mm			
Cabinet Size(mm)	800*900*80mm			
Cabinet Weight (kg)	26kg			
IP Rating	1P65			
Brightness(nits)	5500nits	7000nits	7000nits /10000nits	7000nits /10000nits
Viewing Angle(H/V)	Horizontal:160°,Vertical:140°			
Grayscale(Bit)	16bit			
Max. Power Consumption	550W/7000nits;780W/10000nits			
Ave Power Consumption	165W/7000nits,234W/10000nits			
Refresh	1920Hz as standard/3840Hzoptional			
Input Voltage (V)	110V-240V 50/60Hz			
Operate Temperature/Humidity	Temperature -40°C-70C,10%-90% Humidity			
Lifespan	100000H			



10000nit High Brightness Energy-saving LED display

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Product Model



High Brightness & Energy Saving



Extremely Real Display Performance



High Stability & Reliability



Very Low Operating Cost Throughout Product's Life Cycle

> Typical Application Scenarios

Meets various medium and high-end outdoor advertising scenarios needs



Billboard



Spectacular



Street Furniture



Digital Sign



Transit Center

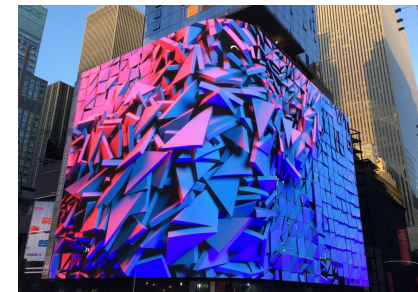


Sports



> Suitable for arc splicing of various angles & Naked eye 3D project

Seamless splicing, display smooth. You can customize the arc radius, panel size according to project requirements.



90° arc Angle



135° arc Angle



An arc or cylinder

> High Brightness & Energy Saving

10000nit High Brightness, dedicated visibility of image even under strong direct Sunlight

- Clear and bright even in strong outdoor direct Sunlight.
- Excellent display quality Longer life cycle and excellent durability



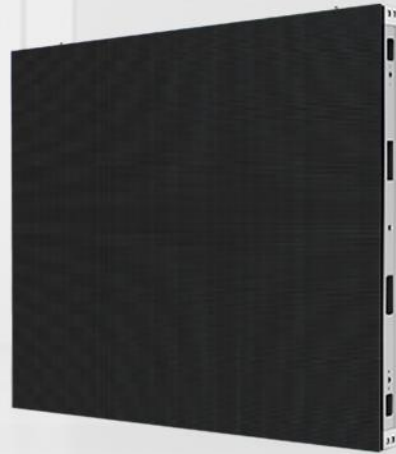
90 degree of AS Series



Arc panel of AS Series

> High Brightness & Energy Saving

Saving 50+% energy



Other's Products

780W/m² @ 10000nit

VS



Our Products

234W/m² @ 10000nit

Low power consumption. Low heat dissipation. Longer lifespan

10000 nit brightness

Avg: 234 W/m²



> Extremely Real Display Performance

Dazzling And Vivid Images, to make you see the most natural and real world

- High Brightness : 10000nit, clear image, without loss of gray scale when making brightness adjustment.
- High Refresh Rate : 3840Hz+, nice performance without scan lines when taken photos.
- High Gray Scale: 16bit, perform a delicate details of dark part smoothly.
- High Contrast Ratio: 10000+: 1, more colorful and bright images.
- Wide color gamut: rich and saturated color, vivid picture quality.
- High level PWM Constant current chip: Adopted current precise control technology, color highly restored.

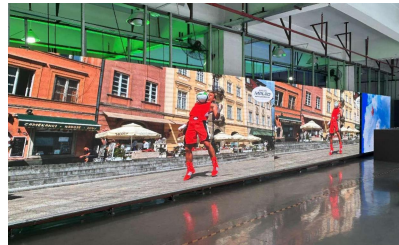
> High Protective Grades and High Weather Resistance

The 304 stainless steel screws and locks, the aluminum panel, and the double protection of strongly-insulated wires wrapped in fiberglass, thereby ensuring longer service life of our products.



Module Aging Test

Time: 12 hours, 2 hours all white, 0.5 hour black circle



Display Aging Test

Time: 12 hours, full white 0.5 hours full black 0.5 hour (11 circles) + 1 hour video



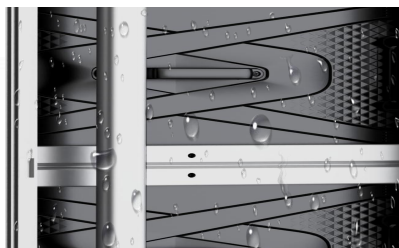
Vibration Test

Vibration spectrum: 5Hz ~ 20Hz, 0.01g²/Hz
20Hz ~ 200Hz, -3dB/oct
Vibration direction: X, Y, Z axis
Vibration time: 30min/axial direction



Salt Spray Test

Salt solution concentration: 5±1h%e , Rinse the sample with water for 5 minutes 48 hours after the salt spray test



Water resistant test

12.5L/min, the distance is 2.5-3m, and the time is ten minutes



Constant temperature & humidity test

Temperature 50 °C

> High Stability & Reliability

Multi-layered water resistant design involving modules/panels/power boxes to ensure safety



High Stability & Reliability

- Professional heat dissipation structure design, lengthen the lifespan of parts effectively.
- Free of Fan Design, protect panels from dust and moisture's entrance, Not giving rise to fan failure caused by heat dissipation issue, reduce the failure rate.

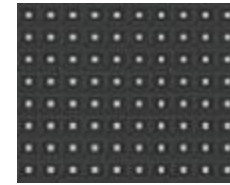
W-Shape jagged design, increase the area of heat dissipation, and formulate the Stack Effect, Natural convection, efficient heat dissipation.



Concave-Convex Rhombus Pattern Design, Increase the air velocity and take away the heat.

> High Stability & Reliability

Guaranteed stability and reliability



SMD



The whole series are designed with High Brightness LEDs, Good corrosion and oxidation resistance

The whole series are configured with Branded Power, High power conversion efficiency, stable quality

The whole series have passed all reliability testing in Laboratory, ETL/FCC/CE/3C certificate, -40°C low temperature test



> Very Low Operating Cost Throughout Product's Life Cycle

Savings in electricity costs

300 sqm, 5 years, Save \$180,000~200,000 on electricity costs

> Very Low Operating Cost Throughout Product's Life Cycle

Thin panel, Convenient transport, save transport cost



Traditional Panel

Weight 50kg/pcs | Thickness: 145mm

Our panel

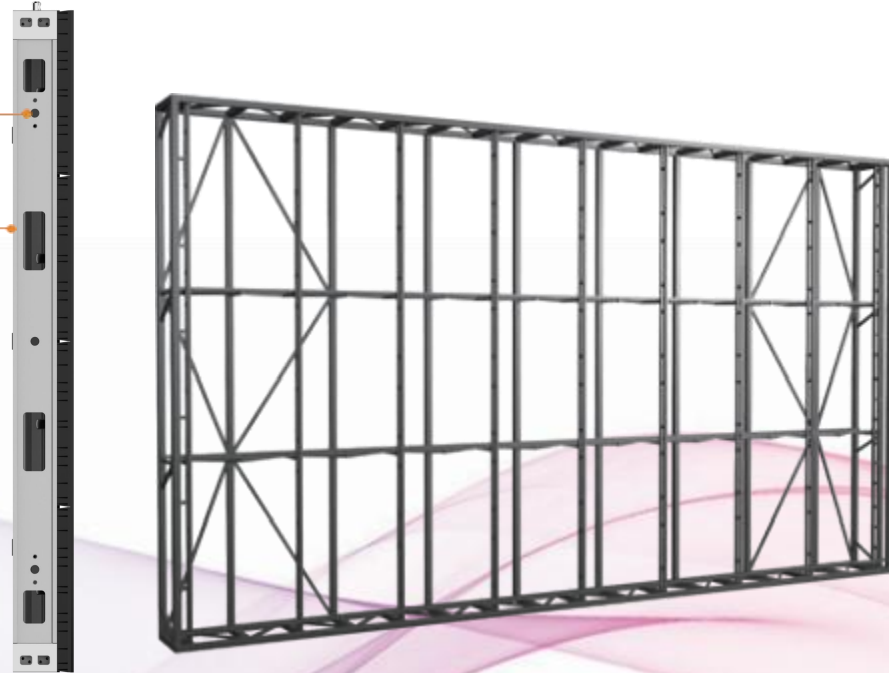
Weight 26kg/pcs | Thickness ≤80mm

> Very Low Operating Cost Throughout Product's Life Cycle

Save one-fourth steel frame

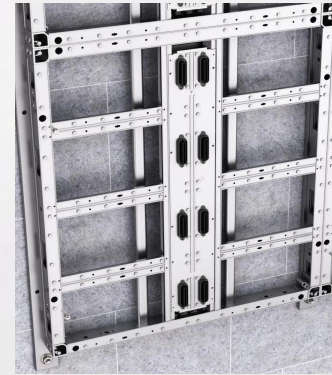
Thickness $\leq 80\text{mm}$

Weight 26kg/pcs

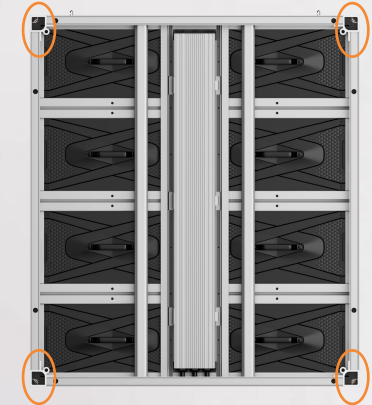


> Very Low Operating Cost Throughout Product's Life Cycle

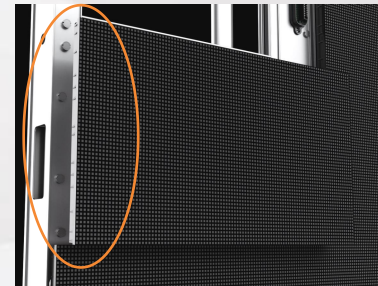
Flexible Installation, Convenient Maintenance-Front and Rear Access



Front Installation



Rear Installation



Front Maintenance



Rear Maintenance