

LED SCREEN

Outdoor Series



more than light



LED Screen Outdoor Series (Aluminum Cabinet)



AS V2 Series

Flexible & Convenient LED Display



Stability &
Reliability



Best Visual
Effects



Energy
Saving



Flexible &
Convenient



Creative
Display

Stability & Reliability

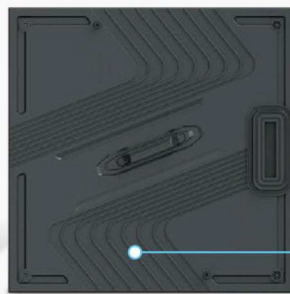
- Professional heat dissipation structure , lengthen the lif espan of parts effectively.
- Free of fan design, protect panels from dust and moisture's entrance, not giving rise t o fan failure caused by heat dissipation issue, r educe the failure rate.

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



W-shape jagged design

Increase the area of heat dissipation, and formulate the stack effect, natural convection, efficient heat dissipation.



Bionic bird wings design

Increase the air velocity and take away the heat.

Best Visual Effects

- **High refresh rate & High grayscale**
Glare-free, scanning line-free; Rich details and high definition.
- **High contrast ratio**
Ultimate optical design for clear and vivid pictures.
- **Wide color gamut**
Richer and more accurate.
- **Ultra-wide viewing angle**
Broader audience with increased advertising revenue.

Energy Saving

At the same brightness, the heat is reduced by 20+%, reducing energy consumption and electricity bills.



* Compared with similar LED display products in the market, the electricity bill saved is calculated by the AS6 V2 according to the screen area and electricity price.

Flexible and Convenient

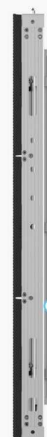
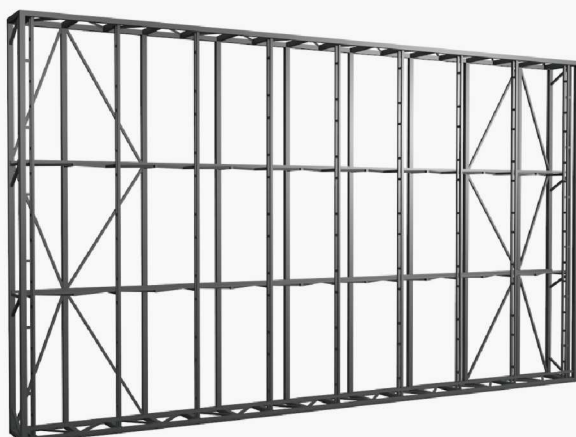
- Thinner & Lighter panels, easy to transport
reduce transportation costs.

AS V2 Series Panel

Weight 25kg/m², Thickness ≤80mm

Traditional Panel

Weight 50kg/m², Thickness 145mm



- Save one-fourth steel frame, compatible with the original product size, easy to replace the old LED display.

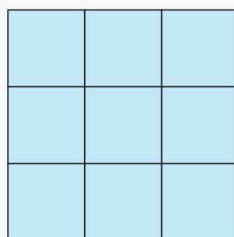
Thickness ≤80mm

Weight 25kg/m²

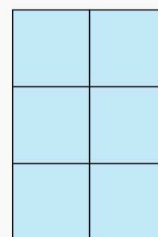
- A variety of panels size* to meet the splicing requirements of different screen areas.



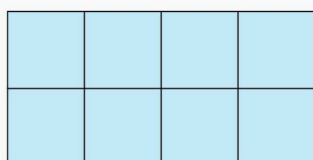
1280×960mm (Standard Size)



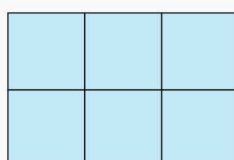
960×960mm



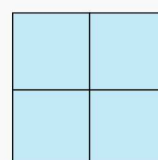
640×960mm



1280×640mm



960×640mm



640×640mm

Creative Display

- Matching outdoor naked eye 3D suitable for 90° Angle arc seamless stitching, image smooth without jumping.
- Applicable to radius $R \geq 0.6m$ arc splicing at any angle, can be customized according to the project: arc radius, panels size, sheet metal aluminum or iron panels.

Application Scenarios

Meet the requirements of a variety of application scenarios.



Billboard



Spectacular



Street Furniture



Digital Sign



Transit Center



Sports

Specification

ITEM	AS4 V2	AS6 V2	AS8 V2	AS10 V2
LED	SMD	SMD	SMD	SMD
Pixel Pitch (mm)	4.44	6.66	8	10
Brightness (nit)	5000-6000	6000-7500	6000-7500	6000-7500
Refresh Rate (Hz)	≥ 3840	≥ 6000	≥ 15000	≥ 15000
Grayscale (bit)	16	16	16	16
Max.Power Consumption (W/m ²)	630/210	630-700/210-233	630-700/210-233	630-700/210-233
Visual Angle (H/V)	160°/160°	160°/120°	160°/75°	160°/80°
Panel Dimensions (W/H/D)	1280×960×70	1280×960×72	1280×960×72	1280×960×72
Panel Resolution (Pixels)	288×216	192×144	160×120	128×96
Panel Weight (kg)	31	31	32	32
Panel Material	Aluminum			
Ingress Protection	IP65/IP54			

LED Screen Outdoor Series (Iron Cabinet)



Features

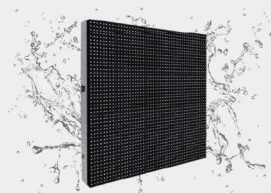
- **As classical series, it is the most popular type and acceptable** by the market for more than ten years with upgrade iterations and technical accumulation.
- **Unique mask design with protection** LED lamp and reducing reflection to improve contrast ratio and image performance layering.
- **High-strength metal cabinet** with IP65 level to ensure stable operation in any environment, 100% inspection for each cabinet with mature signal transmitting frame and improving power supplying management technology, offering reliable running

ASO (Billboard Cabinet)

ASO is an outdoor media panel that allows you to realized many creative applications, such as right-angled, curved and other irregular shapes LED screen.

High Brightness, High Contrast

The panel uses bright LED to bring brightness up to 10,000nits, besides, long louver on mask is used to shade LEDs from the sun and it contributes to high contrast.



Waterproof

IP65/IP54 withstands extreme weather conditions.

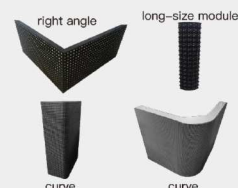


Excellent Cooling

Cooling fans and heat emission holes can rapidly dissipate heat, reducing power consumption.

Creative Applications

The panel allows you to realize many creative solutions, it can curve, at right angle, or be customized to many sizes and shapes.



LED Screen Outdoor Series

Flexible for
customized design

shape | size | different angle | concave | convex



Specification

	ITEM	ASO-3	ASO-4	ASO-4D	ASO-5	ASO-6	ASO-6.67	ASO-8N	ASO-8	
LED Module	LED	SMD 3 IN 1								
	Pixel Pitch (mm)	3.076	4	4	5	6	6.67	8		
	Module Resolution (Pixels)	104×52	80×40	64×32	64×32	32×32	48×24	32×16	40×20	
	Module Size (WxH)mm	320×160	320×160	256×128	320×160	192×192	320×160	256×128	320×160	
	Module weight (Kg/pc)	0.5Kg	0.5Kg	0.35Kg	0.5Kg	0.3Kg	0.5Kg	0.35Kg	0.4Kg	
	Module Quantity (WxH)	3×6	3×6	4×8	3×6	5×5	5×5	4×8	3×6	
LED Cabinet	Cabinet Resolution	312×312	240×240	240×240	192×192	160×160	144×144	128×128	120×120	
	Cabinet Size (WxH)mm	960×960	960×960	1024×1024	960×960	960×960	960×960	1024×1024	960×960	
		Cabinet size can be customized based on the multiple of the LED module								
	Pixel Density (dots/m²)	105,625	62,500	62,500	40,000	27,777	22,500	15,625		
	Cabinet Weight (Kg/m²)	45								
	Cabinet Material	Iron								
	Ingress Protection	Front:IP65 / Rear:IP54								
Maintenance	Back only									
Electrical Parameter	Color Temperature (K)	3,200-12,000 (Adjustable)								
	Brightness (nits)	5000-8500						6000-9000		
	View Angle (H./V.)	120° / 120°								
	Contrast Ratio	3,000:1								
	Max.Power Consumption (W/m²)	800								
	Avg. Power Consumption (W/m²)	267								
	Working Voltage (V)	AC110 / 220V								
Refresh Rate (Hz)	1920-3840Hz									
Usage Environment	Lifetime (Hrs)	100,000								
	Working Temperature	-20°C~50°C								
	Storage Temperature	-20°C~60°C								
	Working Humidity	10-90%RH								
	Storage Humidity	10-90%RH								
	Application	Outdoor								

Remark : Brightness and power consumption is subject to different level LED lamp parameters, Tolerance is±10%, please recheck with technician for the specified parameters.

LED Screen Outdoor Series



Specification

	ITEM	ASO-10	ADO-10	ADO-10.66	ADO-16
LED Module	LED	SMD 3 IN 1	DIP 347, 1R1G1B		
	Pixel Pitch (mm)	10	10	10.66	16
	Module Resolution (Pixels)	32×16	32×16	24×24	16×16
	Module Size (W×H)mm	320×160	320×160	256×256	256×256
	Module weight (Kg/pc)	0.5Kg	0.9Kg	1Kg	1Kg
	Module Quantity (W×H)	3×6	3×6	4×4	4×4
LED Cabinet	Cabinet Resolution	96×96	96×96	96×96	64×64
	Cabinet Size (W×H)mm	960×960	960×960	1024×1024	1024×1024
		Cabinet size can be customized based on the multiple of the LED module			
	Pixel Density (dots/m²)	10,000	10,000	8,789	3,906
	Cabinet Weight (Kg/m²)	45			
	Cabinet Material	Iron			
	Ingress Protection	Front:IP65 / Rear:IP54			
	Maintenance	Back only			
Electrical Parameter	Color Temperature (K)	3,200-12,000 (Adjustable)			
	Brightness (nits)	6000-9000	8500-10,000		
	View Angle (H./V.)	120° / 120°	120° / 100°		
	Contrast Ratio	3,000:1			
	Max.Power Consumption (W/m²)	800	350-500		
	Avg. Power Consumption (W/m²)	267	120		
	Working Voltage (V)	AC110 / 220V			
	Refresh Rate (Hz)	1920-3840Hz			
Usage Environment	Lifetime (Hrs)	100,000			
	Working Temperature	-20°C~50°C			
	Storage Temperature	-20°C~60°C			
	Working Humidity	10-90%RH			
	Storage Humidity	10-90%RH			
	Application	Outdoor			

Remark : Brightness and power consumption is subject to different level LED lamp parameters, Tolerance is ±10%, please recheck with technician for the specified parameters.

LED Screen Outdoor Series

Project Reference King Power



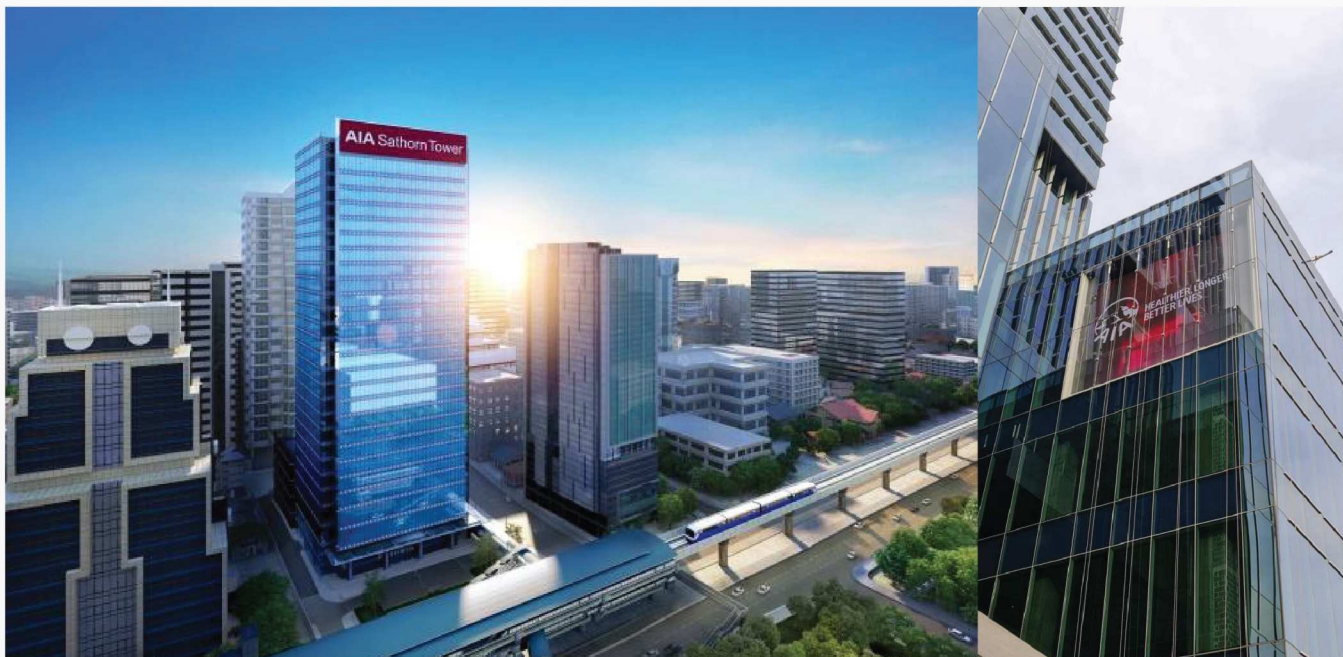
LED Screen Outdoor Series

Project Reference Central Pattana



LED Screen Outdoor Series

Project Reference AIA



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