LED
SCREEN
OUTDOOR
SERIES

L&E
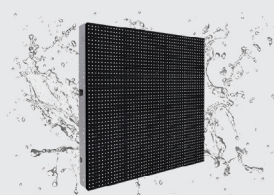*more than light*

LED Screen
Outdoor Series

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.

1.4mm

Waterproof
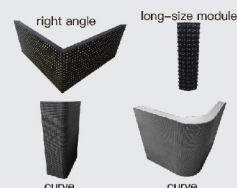IP65/IP54 withstands extreme weather conditions.

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.

right angle

long-size module

curve

curve

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Flexible for
customized design
shape | size | different angle | concave | convex

SPECS CERTIFICATION

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.

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SPECS CERTIFICATION

	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 (WxH)mm	320×160	320×160	256×256	256×256
	Module weight (Kg/pc)	0.5Kg	0.9Kg	1Kg	1Kg
	Module Quantity (WxH)	3×6	3×6	4×4	4×4
LED Cabinet	Cabinet Resolution	96×96	96×96	96×96	64×64
	Cabinet Size (WxH)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			
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	Application	Outdoor			

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PROJECT REFERENCE KING POWER

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PROJECT REFERENCE CENTRAL PATTANA

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PROJECT REFERENCE AIA

PANTIP CHIANGMAI

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