

Obesum Series

Full outdoor common cathode LED dispaly

PRODUCT OVERVIEW





Rich of Pixel Pitch
P1.3, P1.9, P2.6, P2.9, P3.9, P4.4, P5.7, P6.6, P8, P10.

Aluminum Profile Structure
Lightweight, high strength, and low load-bearing requirements.

Hard link
Hard link design reduces the risk of wire failure and minimizes fire hazards.

IP65 Protection Rating
Suitable for outdoor bare installation.

Front & Rear Maintenance
Easy access for power box and module maintenance.

Energy Conservation
Common cathode design for energy saving and reduce video wall temperature .

SHENZHEN LP DISPLAY TECHNOLOGY Co.,Ltd
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PRODUCT SIZE

Suitable pixel pitch: P4.4 / P5.7 / P6.6 / P8 / P10



960×960mm

Aluminum Profile Cabinet



480×320mm

Die-cast Aluminum Bottom Shell Module



960×960mm



960×640mm



1440×640mm



1440×960mm

Available in four cabinet sizes for splice mounting

Suitable pixel pitch: P1.3/P1.9 / P2.6 / P2.9 / P3.9



500×500mm



500×750mm

Aluminum Profile Cabinet



500×1000mm



250×250mm

Die-cast Aluminum Bottom Shelmodule

Three cabinet sizes are available for selection, allowing for flexible assembly and installation.

PRODUCT FEATURES

7680Hz Refresh Rate

Smoothly image without stutter, excellent viewing experience.



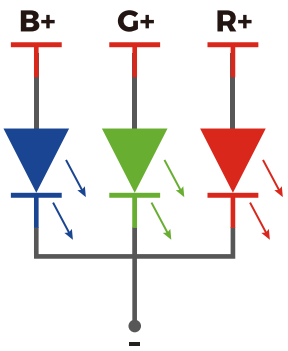


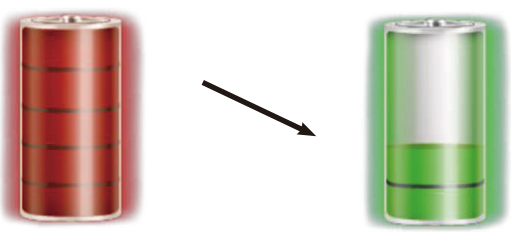
10000:1 High Contrast Ratio

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

Energy conservation

Common cathode design to reduce power consumption, lower-screen temperature, improves stability and longevity.

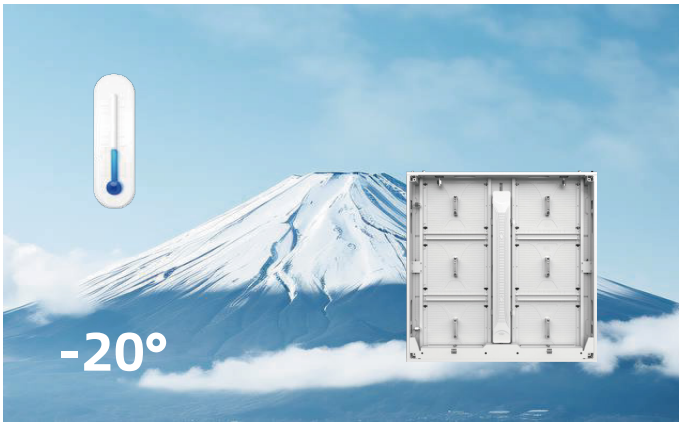




Power Consumption Reduce

IP65 High Protection

IP65 protection level,integrated all-aluminum design, with corrosion resistance, high melting point, flame retardant and fireresistance, moisture resistance and salt spray resistance, can work well in the seaside environment for a long time.









Fireproof and Flame-retardant

The module adopts all aluminum profile, which is fireproof and flame-retardant.



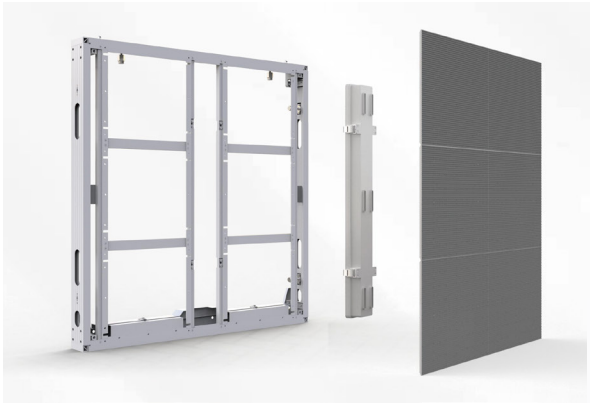
Aluminum Module



Plastic Module

Easy to Maintain

Frame, power box, modules are modular design for fast front & rear maintenance.



Modular Design



Front Service



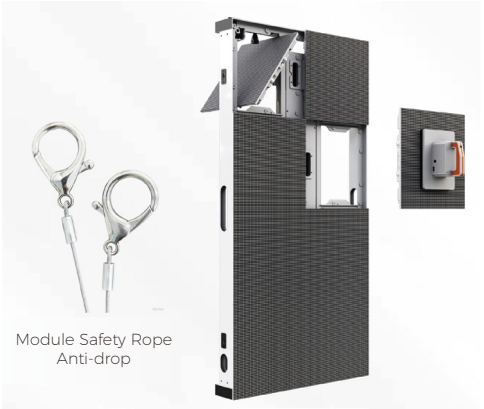
Rear Service

Convenient Front&Rear Service

It supports front-rear service. Module adopts fast lock to have more convenient installation and dismantlement.



Modular Design

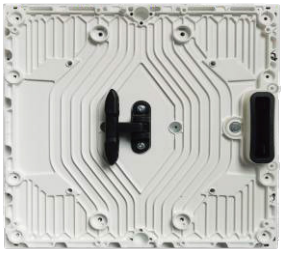


Front/Rear Service

Die Casting Aluminum Bottom Case



480×320mm



250×250mm

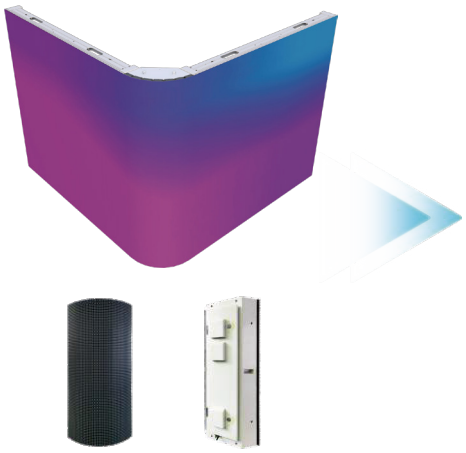
Good Flatness

Not Easy to Deform

Better Heat Dissipation

Naked-eye 3D

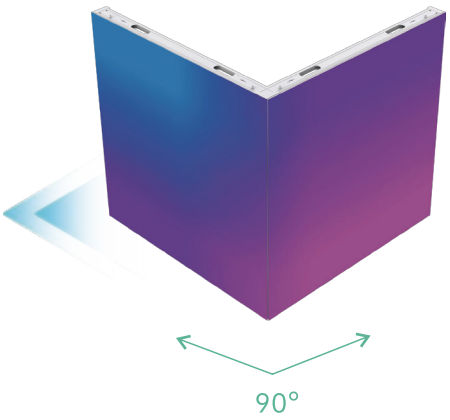
Splice with small curve cabinet can make a smooth curve corner video wal, perfect seamless corner and also cabinet can be cut 45 degree left and right side to make 90 degree corner video wall. Perfect naked-eye 3D solution.



90 Degree Curve Small Cabinet







ACCESSORIES



Power Supply



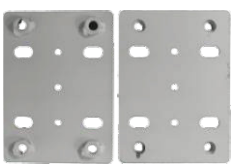
Single Cable



Screws, Sleeve Piece



Equipment For Front And Rear Maintenance



Connecting Sheet



Connecting Sheet

LO SERIES SPECIFICATION

Part Number	P4.44	P5.7	P6.66	P8	P10
Pixel Pitch (mm)	4.44	5.7	6.66	8	10
LED Configuration	SMD1921	SMD2727	SMD2727	SMD2727	SMD2727
Pixel Density (dot/m²)	50625	30625	22500	15625	10000
Module size (mm)	480x320				
Module Resolution (mm)	108x72	84x56	72x48	60x40	48x32
Cabinet size (mm)	960×960×83				
Cabinet Resolution	216×216	168×168	144×144	120×120	96×96
Cabinet Weight (kg)	24.5				
IP Rating (front/back)	IP65				
Brightness (nits)	≥5500	≥7000	≥7000	≥7000	≥7000
Viewing Angle (H/V)	140° / 120°				
Contrast Ratio	10000:1				
Max.Power Consumption	550W/m²	550W/m²	550W/m²	550W/m²	550W/m²
Ave.Power Consumption	186W/m²	186W/m²	186W/m²	186W/m²	186W/m²
Refresh Rate (Hz)	3840-7680				
Driving	common cathode				
Operation Power	AC100~240 50/60Hz				
Operating Temperature	-20°C~+50°C				
Operating Humidity	10~90% RH				
Operating Life	100,000 hours				

ITEM	P1.3	P1.95	P2.604	P2.97	P3.91
LED Type	MIP	SMD	SMD	SMD	SMD
Pixel Pitch (mm)	1.3	1.95	2.064	2.97	3.91
Module Resolution (W×H)	192x192	128x128	96x96	84x84	64x64
Module size (mm)	250×250×18				
Module Weight (kg)	1				
Module Qty/Cabinet (W×H)	2×4				
Cabinet Resolution (W×H)	384×768	256×512	192×384	168×336	128×256
Cabinet size (mm)	Standard: 500×1000×85				
Cabinet Area (m)	0.5				
Cabinet Weight (kg/cabinet)	16				
Cabinet Material	Aluminium Profiles				
Cabinet Density (dot/m²)	589824	262144	147456	112896	65536
IP Rating	IP65				
White Balance Brightness (nits)	≥4000	≥5000			
Gray Level (bit)	14				
Color Temperature (K)	6500-9000				
Visual Angle (H/V)	140°/120°				
Luminous Point Centre Deviation	<3%				
Luminance Uniformity	≥97%				
Chromaticity Uniformity	Within ±0.003 Cx,Cy				
Contrast Ratio	≥10000:1				
Max. Power Consumption (W/m²)	500	500	500	500	650
Ave. Power Consumption (W/m²)	168	168	168	168	218
Input Voltage	AC100~240				
Frequency (Hz)	50/60				
Refreshing Ratio (Hz)	3840				
Maintenance Method	Front and Rear				
Driving	common cathode				
Work Temperature/Humidity	-20℃-50C / 10%RH-90%RH (Non condensing)				
Storage Temperature/Humidity	-40℃-80C / 10%RH-90%RH (Non condensing)				

The parameter index will change according to the specific situation of the project (the product shall be subjected to the submitted contract specification)

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