THE LEADER AND CREATOR OF FLIP CHIP DISPLAY PANEL

Obesum Series

Full outdoor common cathode LED dispaly

PRODUCT OVERVIEW

Rich full pixel pitch
P1.95,P2.6,P2.9,P3.9,P4.4,P5.7,P6.6,P8,P10.

Common Cathode with Energy-Saving
Save energy, reduce heat and improve stability.

Real Color, more realistic picture
High refresh, high brightness, high contrast ratio, vivid picture.

Multiple sizes available, flexible installation
Various cabinet sizes can be selected and spliced with each other.

Stable and high protection
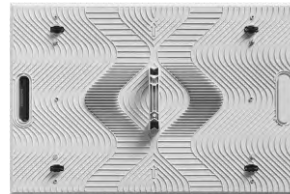Ip66 protection, all-aluminum, extreme temp tolerance.

Modular design, Maintenance friendly
Support front & rear installation, front& rear maintenance.

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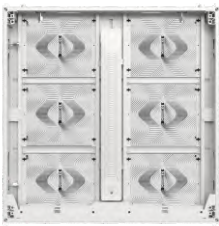
PRODUCT SIZE

960*960mm
Die casting aluminum cabinet

480*320mm
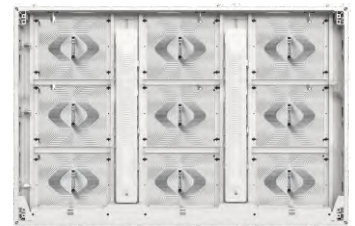Aluminum bottom shell module

960*960mm

960*640mm

1440*640mm

1440*960mm

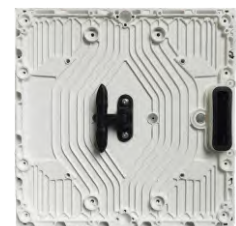Aluminum profile cabinet

500*500mm

500*750mm

500*1000mm

250*250mm

Aluminum profile cabinet

Aluminum bottom shell module

7680Hz refresh rate
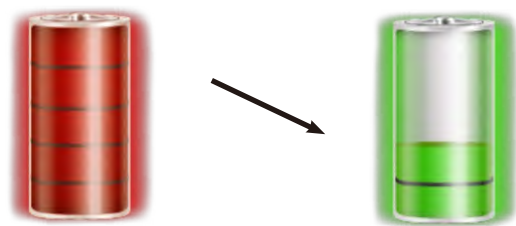
Smooth image without stutter, excellent viewing experience.
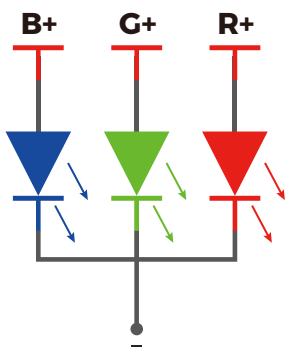
10000:1 high contrast ratio

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

Common Cathode Design

Product use common cathode design to reduce heat generation, lower screen temperature, improve stability and longevity.

B+   G+   R+

30% Reduce

IP66 high protection

IP66 protection level, integrated all-aluminum design, with corrosion resistance, high melting point, flame retardant and fire resistance, moisture resistance and salt spray resistance, can work well in the seaside environment for a long time.

-40°

80°

Stable and High Protection

Waterproof

Salt spray proof
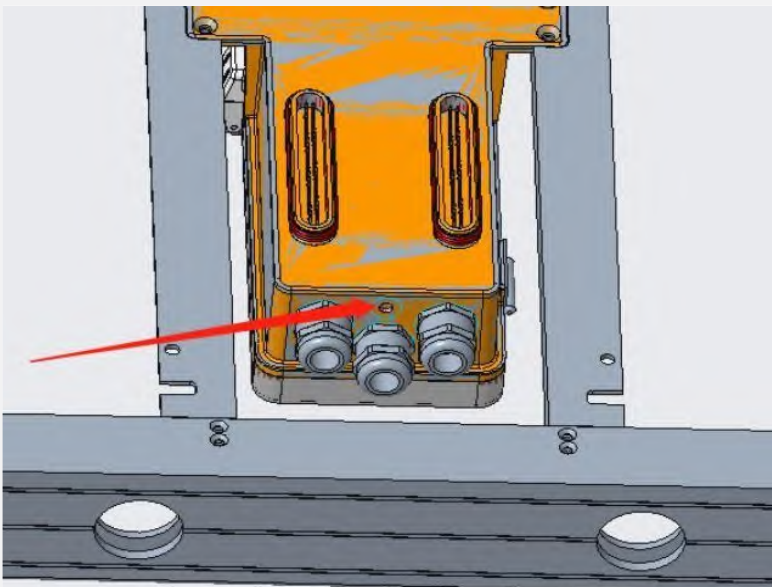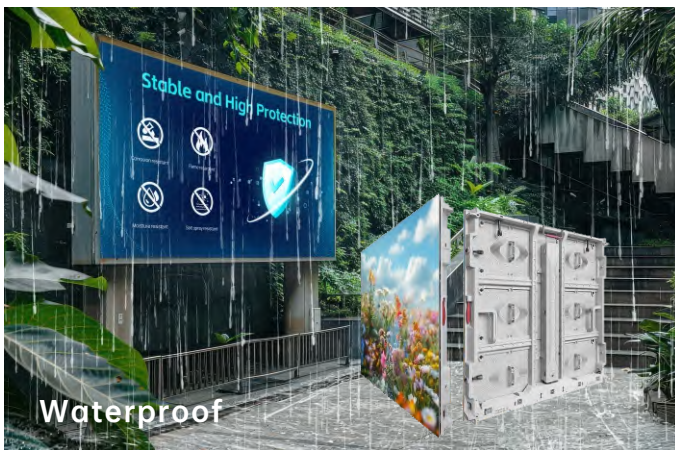
Breather valve design

Regulate internal air pressure to help dissipate heat.

Easy to maintain

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

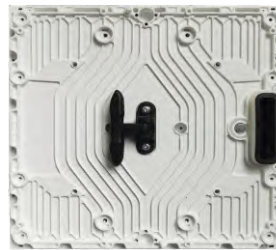Cabinet   Power Pack   Modules
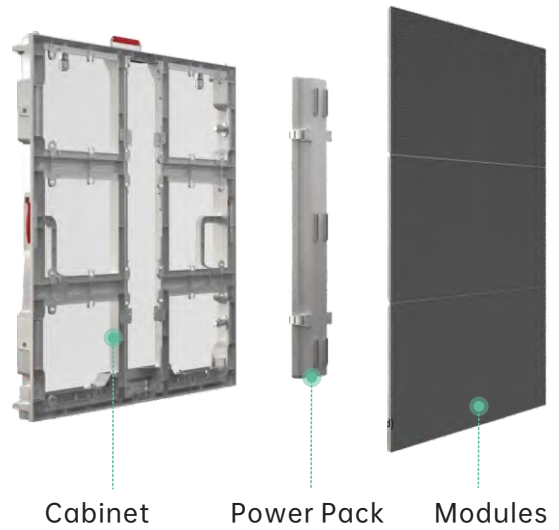
Die casting aluminum bottom case
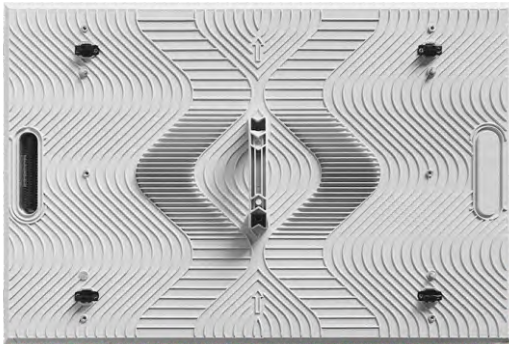
Good flatness

Not easy to deform

Better heat dissipation

Light weight design

Light weight but strong enough ,easy to handle ,save your cost during transportation and installation.

Naked-eye 3D

Splice with small curve cabinet can make a smooth curve corner video wall,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

90°

ACCESSORIES

Power cable

Data cable

Screws,Sleeve Piece

Tools for front and rear maintenance

Connecting sheet

Connecting sheet

SPECIFICATION

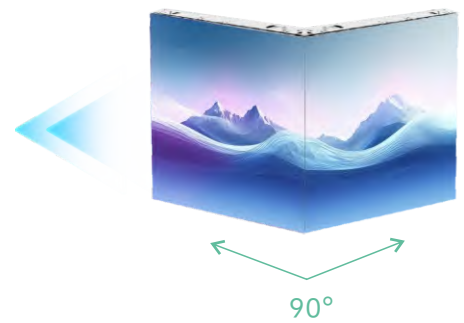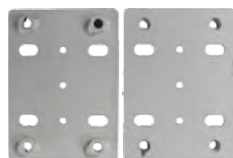| ITEM	P4.44	P5.7	P6.67	P8	P10
LED Type	SMD	SMD	SMD	SMD	SMD
Pixel Pitch(mm)	4.44	5.7	6.67	8	10
Module Resolution(W*H)	108×72	84×56	72×48	60×40	48×32
Module Size(mm)	480×320×16				
Module Weight(kg)	2				
Module Qty/Cabinet(W*H)	2×3				
Cabinet Resolution(W*H)	216×216	168×168	144×144	120×120	96×96
Cabinet Size(mm)	960×960×87				
Cabinet Area(m)	0.9216				
Cabinet Weight(kg/cabinet)	Die casting aluminum cabinet 25 kg/Aluminum profile cabinet 24.5kg				
Cabinet Material	Die-cast Aluminium/Aluminum profile				
Cabinet Density(dot/m^2)	50625	30625	22500	15625	10000
IP Rating	IP66				
White Balance Brightness(nits)	5000-12000				
Color Processor(bit)	16				
Color Temperature(K)	6500-9000				
Visual Angle(H/V)	140°/ 120°				
Luminous Point Center Deviation	< 3%				
Luminance Uniformity	≥97%				
Chromaticity Uniformity	Within ±0.003Cx, Cy				
Contrast Ratio	≥10000:1				
The Max Power Consumption(W/m^2)	≤550				
Average Power Consumption(W/m^2)	≤186				
Input Voltage	AC100~240V				
Frequency(Hz)	50&60				
Refreshing Ratio(Hz)	3840-7680				
Maintenance Method	Front and Rear				
Lifespan(hrs)	100,000				
Work Temperature/Humidity	-40℃-80℃/10%RH-98%RH (Non Condensing)				
Storage Temperature/Humidity	-20℃-60℃/10%RH-98%RH (Non Condensing)				

ITEM	P1.95	P2.6	P2.97	P3.91
LED Type	SMD	SMD	SMD	SMD
Pixel Pitch(mm)	1.95	2.604	2.97	3.91
Module Resolution(W*H)	128×128	96×96	84×84	64×64
Module Size(mm)	250×250×18			
Module Weight(kg)	1			
Module Qty/Cabinet(W*H)	2×4			
Cabinet Resolution(W*H)	256×512	192×384	168×336	128×256
Cabinet Size(mm)	Standard:500×1000×84			
Cabinet Area(m)	0.5			
Cabinet Weight(kg/cabinet)	16			
Cabinet Material	Aluminium Profiles			
Cabinet Density(dot/m²)	262144	147456	112896	65536
IP Rating	IP66			
White Balance Brightness(nits)	5000			
Gray Level(bit)	16			
Color Temperature(K)	6500-9000			
Visual Angle(H/V)	140°/ 120°			
Luminous Point Center Deviation	< 3%			
Luminance Uniformity	≥97%			
Chromaticity Uniformity	Within ±0.003Cx, Cy			
Contrast Ratio	≥10000:1			
The Max Power Consumption(W/m²)	500	500	500	650
Average Power Consumption(W/m²)	168	168	168	218
Input Voltage	AC100~240V			
Frequency(Hz)	50&60			
Refreshing Ratio(Hz)	3840-7680			
Maintenance Method	Front and Rear			
Lifespan(hrs)	100,000			
Work Temperature/Humidity	-40℃-80℃/10%RH-98%RH (Non Condensing)			
Storage Temperature/Humidity	-20℃-60℃/10%RH-98%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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