

COB LED DISPLAY





170°H/170°V

· HD Display

· Wide Angle Of View

· Energy Efficient

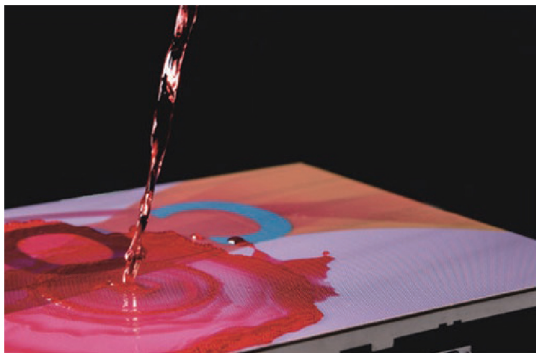
· Easy Maintenance

· High Reliability

· Silent Operation

Anti-stress and anti-collision, high stability,real world tested

COB + Ebony technology, double protection, double secure.
Moisture-proof and dust-proof, anti-corrosion and anti-static.
longer lifetime,virtually maintenance free.



Stunning visual experience

Wider view angle, 170° horizontally and vertically.
Pixel-by-pixel calibration technology guarantee higher color fidelity and uniformity.



Unlimited possibilities Unlimited vision

Easily configured into 1080P/2K/ 4K/ 8K resolution without size limitations.



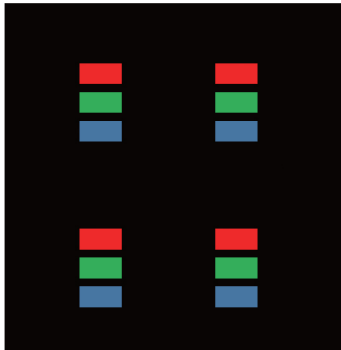
Energy efficient Efficient heat dissipation

Heat conductive cabinet.
Panel to cabinet heat dissipation fanless design.
Power consumption is reduced by 20% under the same brightness condition.



High Reliability

New LED arrangement, higher contrast: LED chips have a smaller proportion, and the black area of the display screen has doubled, Presenting superior contrast, up to 20000: 1.



Conventional pixel arrangement



New pixel arrangement

Image Enhancement



High contrast



Low contrast



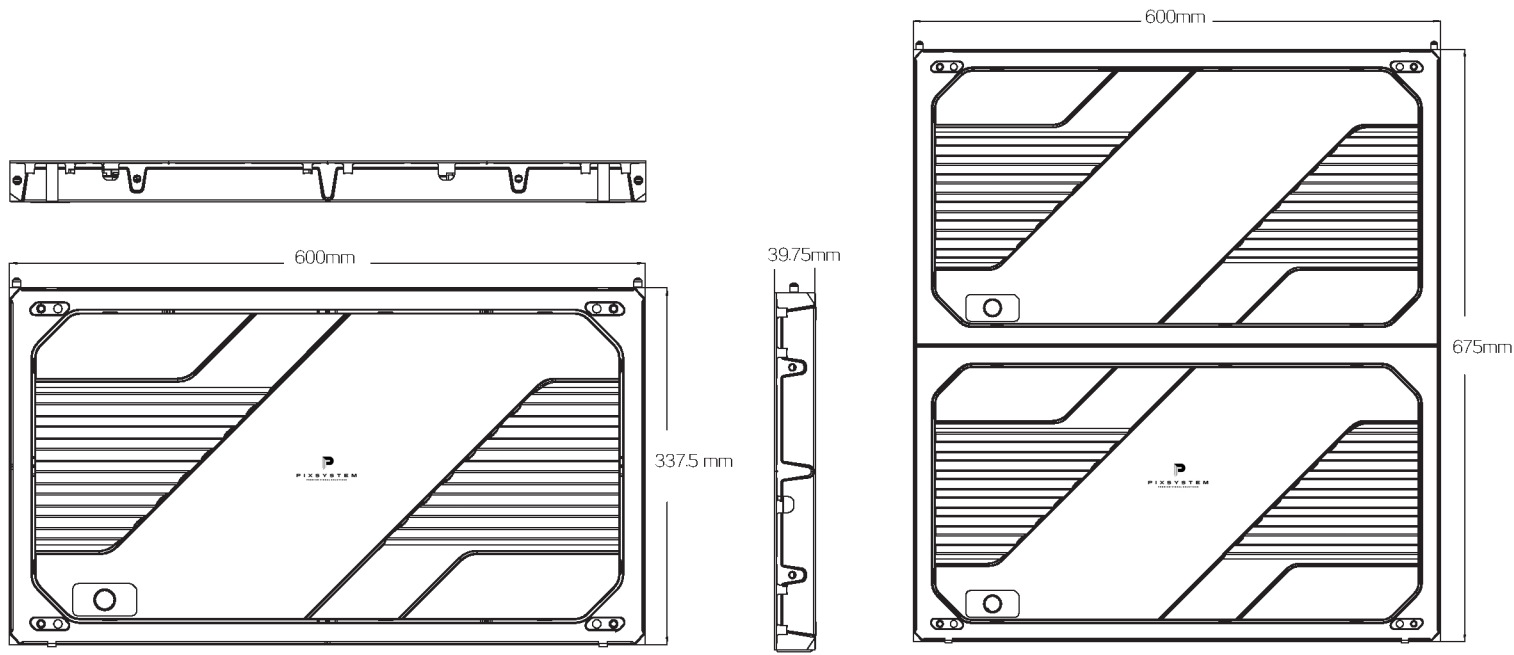
High brightness



Low brightness

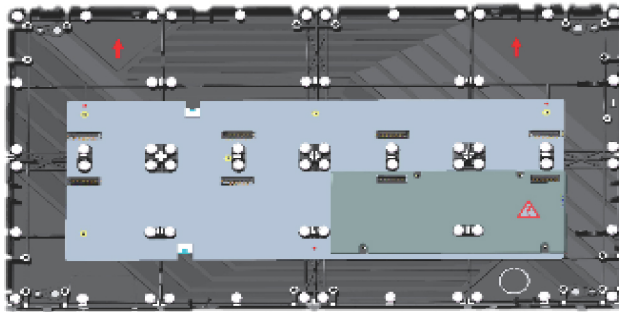
Ultra thin cabinet

The thickness of the box is only 39.75mm, supporting mixed installation.

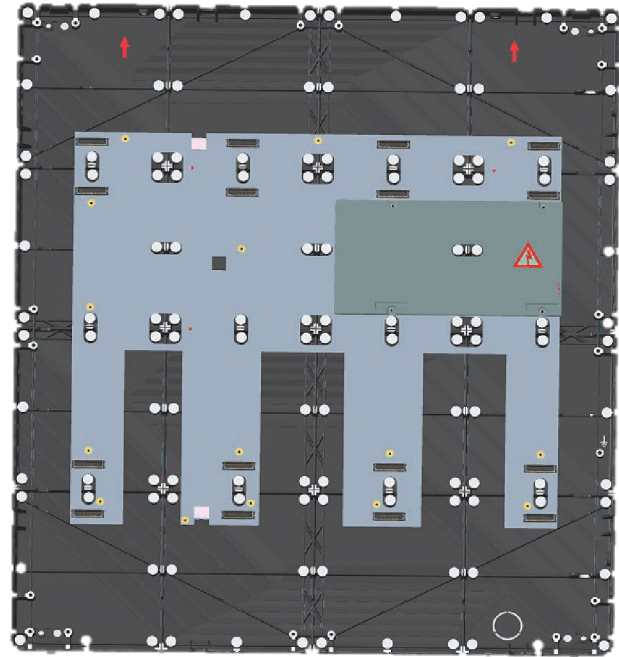
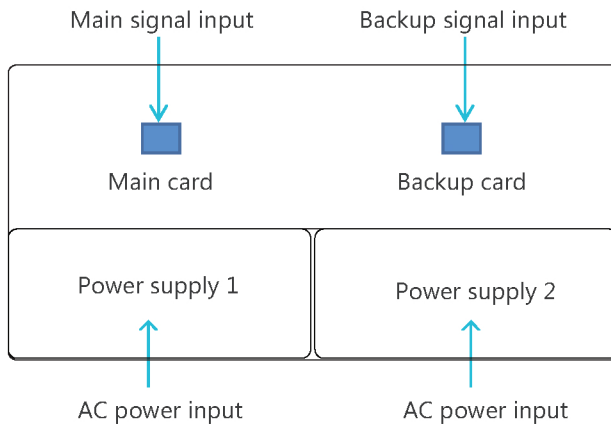


High Stability

Fully inverted chip, low thermal resistance, short heat dissipation path, and longer product lifespan.
Integrated power control card, P0.9375/1.25/1.5625 supports dual backup (600*337.5mm) .



600*337.5*39.75mm (HUB)



600*675*39.75mm (HUB)

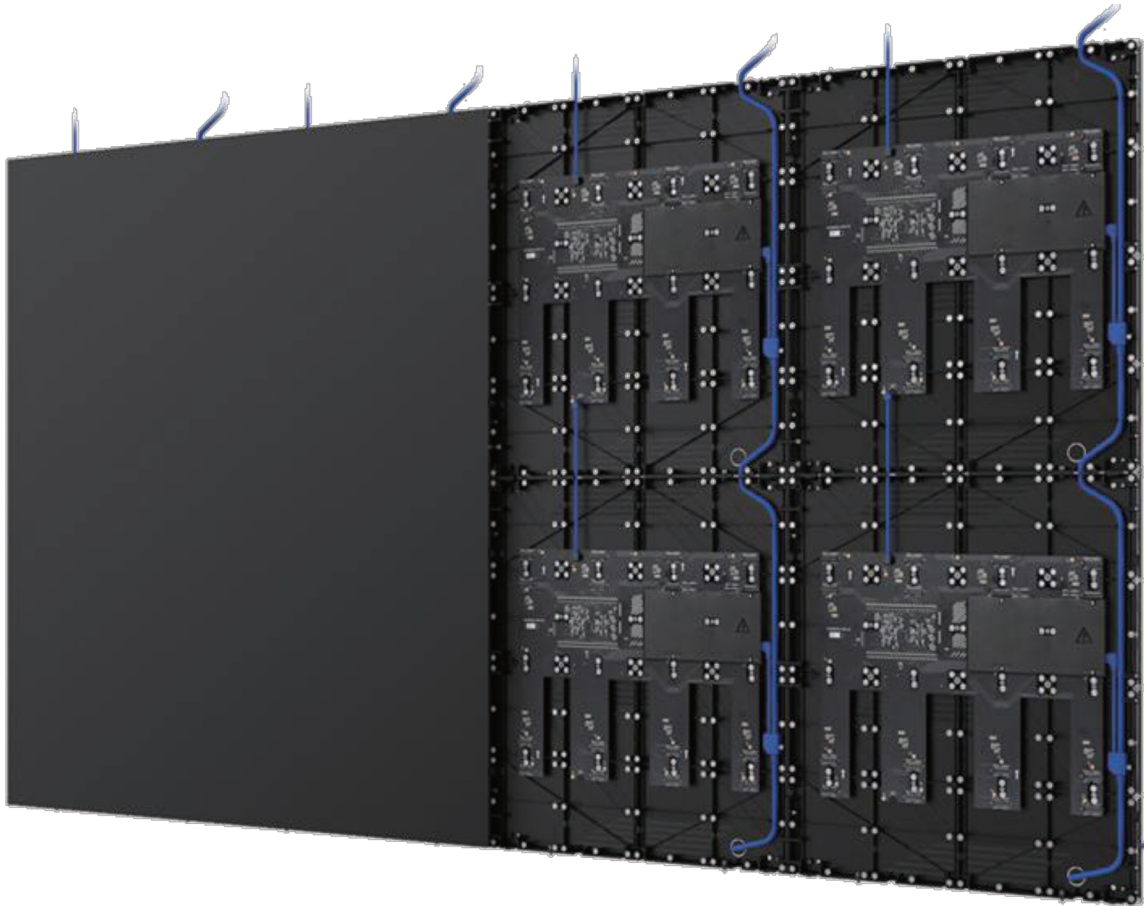
High Protection

The protection level of the lamp board is IP54, with a matte matte finish and a panel hardness of 4H. It is more resistant to impact, wear, dust, and moisture, and the surface can be washed with water to prevent static electricity and oxidation; The cabinet is made of die cast aluminum alloy material, with an integrated control panel and die cast aluminum cabinet frame. The separated back cover can be customized with a logo and sealed, All metal natural heat dissipation structure, fanless, silent design cabinet.



Wide perspective

Horizontal and vertical viewing angles are wide, color gamut is wide, surface light emission is not dazzling, and the visual experience is more perfect. The area of inverted COB chips on the PCB board is smaller, Ultra high contrast, smooth and flat encapsulation with epoxy resin or silicone; Micron level tolerance control, adjustable splicing design, height difference $\leq 0.01\text{mm}$.



Technical parameter: (T=25℃)

Pixel Pitch	1.25mm		
Pixel Structure	RGB		
Pixel Density	640000/m²		
Module Resolution	120 (W) *135 (H)		
Cabinet/module size (WXH)/weight	150mm*168.75mm		
Cabinet/module size (WXH)/weight	600mm*337.5mm*39.75mm/4.0kg	600mm*337.5mm*39.75mm/4.0kg	600mm*675mm*39.75mm/7.9kg
White balance brightness	550-1000cd/ m²		
Horizontal perspective	≥170°		
Color temperature (k)	3000-12000 adjustable		
Contrast Ratio	20000:1 (under no ambient light conditions)		
Signal processing bits	16 bits*3		
Gray scale	13-15Bit		
Refresh Rate	1920-3840HZ		1920-7680mm
Continuous Operation Time	≥72Hours		
Expected LED Lifetime(Max)	>100,000Hours		
IP Rating	IP54 (Surface Cleanable)		
Working temperature and humidity range	- 10℃ -+40℃ /10%RH-90%RH		
Storage temperature and humidity range	- 20℃ -+60℃ /10%RH-90%RH		
Power Requirements	AC 100~240V 50/60Hz		
Maximum power consumption	380W/ m²		
Average power consumption	150W/ m²		