



XOMFE SERIES OUTDOOR LED DISPLAY

The XOMFE series outdoor LED solutions are ideal for billboards, stadium displays, and large-scale LED walls. These ultra-reliable modules deliver high brightness and low power consumption, featuring IP66 weatherproofing to ensure outstanding performance in any climate. The cable-less design and both front and rear access make maintenance quick and easy.

Highlights



Bright and Vivid Clarity

Key components (power supply, mask, locker, screws, and pins) are inter-coating salt spray tested to resist corrosion, while surface maintains color uniformity without fading—ensuring superior durability and aesthetics in harsh conditions.



Fanless Thermal Reliability

The display's finned aluminum base design significantly enhances heat dissipation, enabling fan-less operation without requiring air conditioning. Meanwhile, the hard-wired connection further improves system reliability.



Salt Spray Test Durability

The display offers five cabinet size options with a streamlined design that reduces thickness by $\geq 13\%$, enabling single-person maintenance through lightweight construction.



Energy-Saving Operation

With 25% lower power consumption than the previous generation, the display's ultra-efficient design delivers substantial operational cost savings.



Dual-Access Outdoor Deployment

Engineered for demanding outdoor environments like stadium ribbon displays and digital billboards, the XOMFE series enables both front and rear access, significantly enhancing installation versatility and field maintenance efficiency.



IP66 Durability and Reliability

The display blocks sand, dust and floating particles completely, resists extreme weather conditions such as torrential rain and ensures reliable 24/7 operation while significantly reducing maintenance costs.



Specifications

XOM100FE

Pixel Pitch	10 mm
Pixel Configuration	SMD2727
Module Resolution (W x H)	48 x 32
Module Dimension (W x H)	480 x 320 mm / 18.9 x 12.6 inch
Cabinet Resolution (W x H)	96 x 64 / 96 x 96 / 96 x 128 / 144 x 64 / 144 x 96
Cabinet Dimension (WxHxD)	960 x 640 x 91.5 mm / 37.80 x 25.20 x 3.60 inch 960 x 960 x 91.5 mm / 37.80 x 37.80 x 3.60 inch 960 x 1280 x 91.5 mm / 37.80 x 50.39 x 3.60 inch 1,440 x 640 x 91.5 mm / 56.69 x 25.20 x 3.60 inch 1,440 x 960 x 91.5 mm / 56.69 x 37.80 x 3.60 inch
No. of Modules per Cabinet (WxH)	2 x 2 / 2 x 3 / 2 x 4 / 3 x 2 / 3 x 3
Cabinet Weight	20 kg / 44.09 lbs 27.5 kg / 60.63 lbs 38 kg / 83.78 lbs 30 kg / 66.14 lbs 43 kg / 94.80 lbs
Cabinet materials	Profile Aluminium
Brightness	8,000 nits / 10,000 nits (customizable)
Contrast Ratio	6,000:1 @standard ¹ / 8,000:1 @professional ²
Visual Viewing Angle (H x V)	160° x 120° @standard ¹ / 160° x 90° @professional ²
Bit Depth	14 bit (14~16 bit customisable)
Colour Temperature	6,500K ± 500K
Max Power Consumption per Unit Area	580 W/m ² @8,000nits 440 W/m ² @6,000nits
Avg Power Consumption per Unit Area	175 W/m ²
Power Supply	100~240 V AC
Refresh Rate	3,840 (7,680 Customizable)
Operating Temp / Humidity	-40~55 °C / 10~90% RH
Storage Temp / Humidity	-40~60 °C / 10~80% RH
IP Rating	Front IP66 & Rear IP66
Lifetime	100,000 Hrs
Certification	CE, CB, FCC, cTUVus
Maintenance	Front & Rear Access

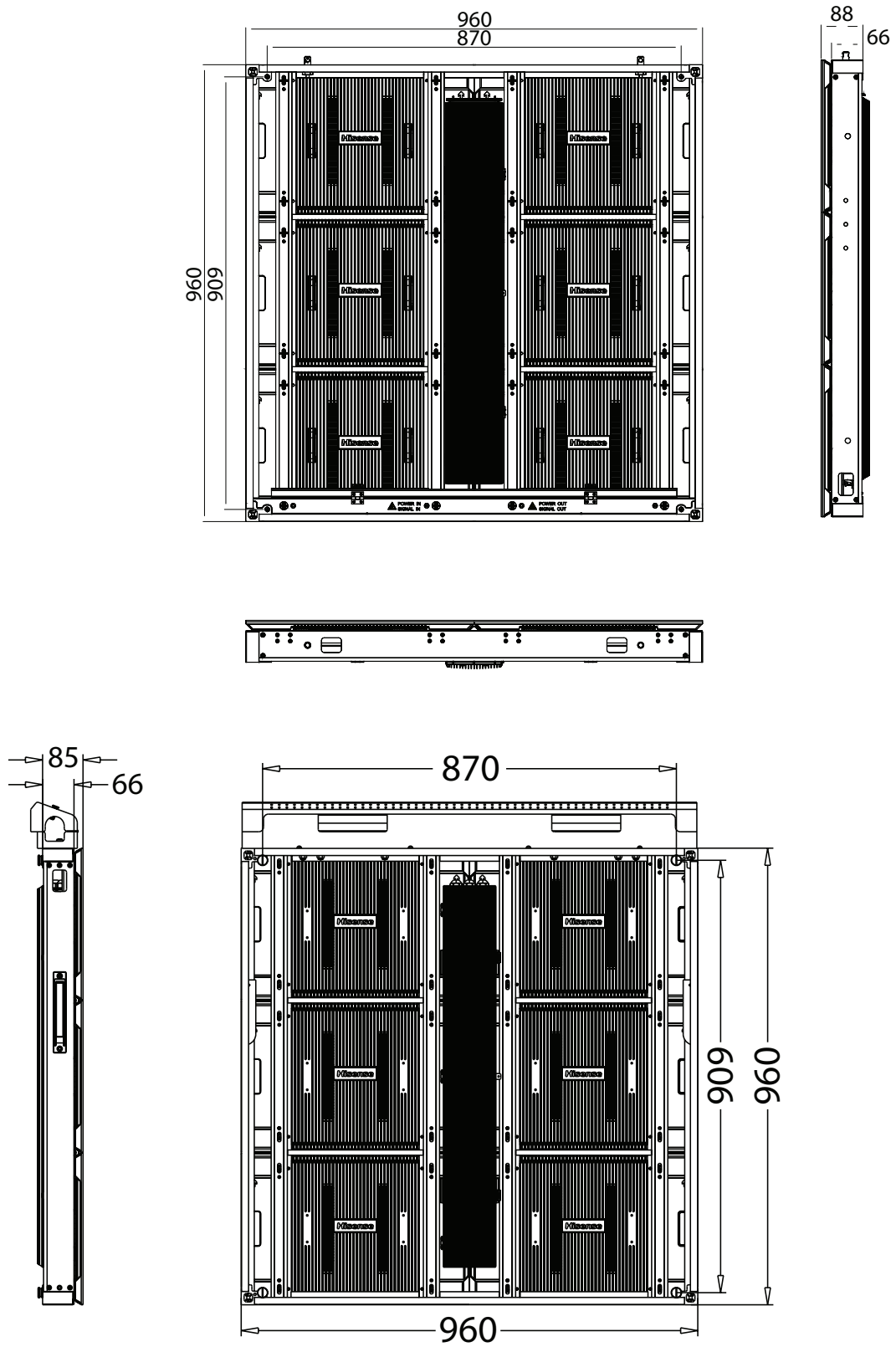
1. Suitable for general applications, offering a wider viewing angle and standard contrast.

2. Depending on the chosen configuration, it provides higher contrast but the vertical viewing angle is adjusted, ideal for professional environments requiring higher contrast, such as sports venues.

* According to the current Hisense test environment

** Product specifications may vary per region, and specifications are subject to change. This material may include corporate names and trademarks of third parties which are the properties of the third parties respectively.

Display Dimensions



Ribbon Display

1. Suitable for general applications, offering a wider viewing angle and standard contrast.
2. Depending on the chosen configuration, it provides higher contrast but the vertical viewing angle is adjusted, ideal for professional environments requiring higher contrast, such as sports venues.

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