



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 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.



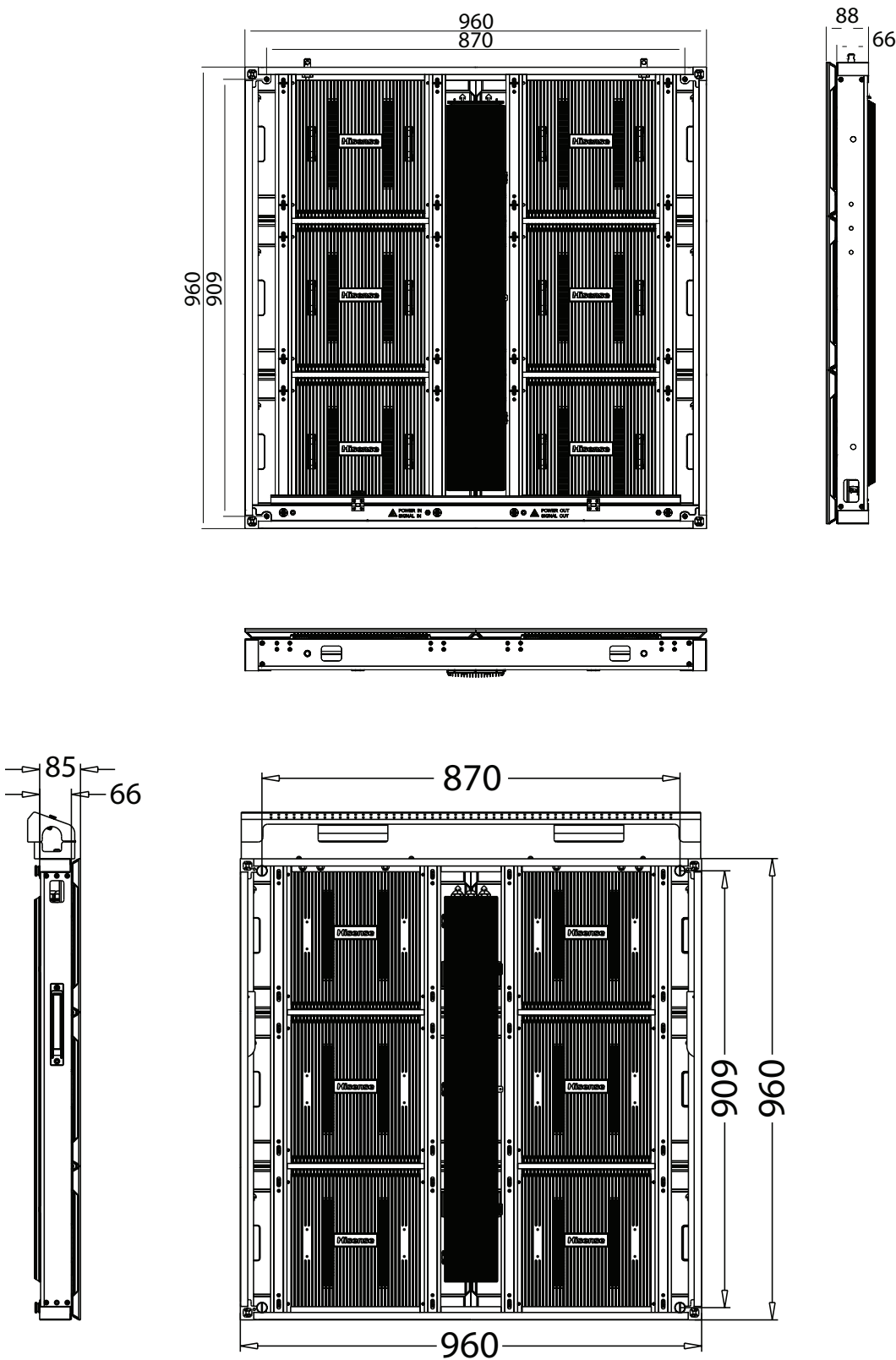
Specifications

XOM100FE

Pixel Pitch	10 mm
Pixel Configuration	SMD
Module Resolution (W x H)	48 x 32
Module Dimension (W x H)	480 x 320 mm
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 (typ.)	8,000 nits
Contrast Ratio	8,000:1 (According to the current Hisense test environment)
Visual Viewing Angle (H x V)	160° x 90°
Bit Depth	14 bit (14~16 bit customisable)
Colour Temperature	6,500K ± 500K
Max Power Consumption per Unit Area	*580 W/m ² <small>*Power may vary within ±5% depending on the brightness of different lamp batches; Subject to actual conditions.</small>
Avg Power Consumption per Unit Area	*175 W/m ² <small>*Power may vary within ±5% depending on the brightness of different lamp batches; Subject to actual conditions.</small>
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

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Display Dimensions



Ribbon Display

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