

AOC

Outdoor Seamless SMD LED LEH Series



The AOC LEH Series outdoor LED display features a strong aluminum cabinet, supporting front/rear maintenance and seamless splicing. With an advanced thermal design, it delivers excellent heat dissipation without extra cooling systems.

Featuring ultra-high brightness, high contrast, and wide viewing angles, it guarantees clear, vibrant visuals from any angle. Powered by SMD technology and a modular design, it ensures uniform colors, a 100,000-hour lifespan, and a great ROI. The AOC LEH Series is the top choice for city landmarks and large events.

Features



Modular Design Redefining Display Excellence

The standard 960 x 960 mm modular design ensures easy installation, transport, and maintenance. It maximizes flatness and visual alignment for a seamless, stable display.



MODULAR DESIGN

Modular Architecture Supporting Front & Rear Installation

Dual-access installation and maintenance offer maximum flexibility. Components can be serviced without dismantling the entire structure, significantly reducing time and labor costs.



ALUMINUM DIE CASTING

Premium Die-Cast Aluminum Structural Base

Made with a premium die-cast aluminum chassis, the cabinet is highly durable, precise, and lightweight. This smart design improves surface flatness and heat dissipation, ensuring long-term stability and product life.



ENERGY SAVING

Eco-Efficient Design Powered by High-Brightness Output

Designed for sustainability, the system maximizes power efficiency to reduce energy consumption. Combined with high brightness, it ensures excellent readability even under direct outdoor sunlight.



Concealed Cable Routing for Maximum Protection

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IP65

IP65-Rated Environmental Protection

With an IP65 high-protection rating, the enclosure seals out dust and resists low-pressure water jets from any direction. It operates reliably through heavy rain and harsh outdoor environments, delivering superior durability.

SPECIFICATION

		LEH661 / 5CHA / 96
Physical Parameter	Pixel Pitch (mm)	6.667 mm
	LED Type LED	SMD
	LED part number	TOP 2727
	Pixel Density (m²)	22,500 pixels/m²
	LED Module Size (W × H)	480 x 320 mm
	Resolution of LED Module (W × H)	72 x 48 pixels
	Cabinet Size (W × H × D)	960 x 960 x 94 mm
	Resolution of Cabinet (W × H)	144 x 144 pixels
	No. of Modules Per Cabinet (W × H)	2 x 3
	Cabinet Area	0.9216 m²
	Aspect Ratio	1:1
	Weight (per cabinet)	27.5 kg
	Cabinet Material	Die-Cast Aluminum
Optical Parameter	Brightness	5,000 nits
	Max Contrast Ratio	3,000:1
	Viewing Angle H/V	140°/ 140°
	Scan Rate	1/6
	Color Temperature - Adjustable	3,200~9,300 K
	Drive Mode	Common Anode
	Frame Rate	50~60 Hz
	Refresh Rate	3,840 Hz
	Gray Scale Processing	14 bit
Electrical Parameter	Average Power Consumption (W/m²)	≤149
	Max Power Consumption (W/m²)	≤450
	Input Power Voltage	AC 100~240, 50-60Hz
Operation Conditions	Operating Temp/Humidity	-10 - 40°C / 10% - 80%RH
	Storage Temp/Humidity	-40 - 80 °C / 10% - 90%RH
	IP Rating	IP65
	Life span, typ.	100,000 Hrs
Service	Servicing	Front / Back

* Specifications are subject to change without prior notice.
** The images shown are for illustration purposes only and may not be an exact representation of the product.