

AOC

Indoor Seamless GOB LED LPG Series

The AOC LPG Series uses advanced GOB technology for seamless, crystal-clear visuals with strong waterproof and dustproof protection. Its smart modular design features a 100,000-hour lifespan and easy front maintenance. Powered by a 3,840 Hz refresh rate, the display ensures stable, flicker-free graphics—perfect for live events and studios.



Features

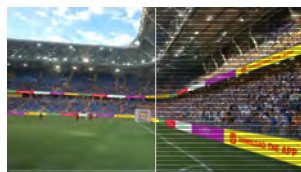


MODULAR DESIGN

Front-Service Modular Design

With a light and slim design, the system supports fast front-service. Modules are easy to install or remove, greatly reducing setup time and maintenance costs.

3840 HZ 1920 HZ



REFRESH RATE

Ultra-High 3,840 Hz Refresh Rate

Smooth Motion. It delivers smooth images without screen flicker or blur. Fast-moving videos stay sharp and stable, making it comfortable to watch and perfect for broadcasting.



NARROW BEZEL

Fine Pitch Design for Perfect Visuals

With a fine pitch and high-resolution design, this display delivers crystal-clear images without any graininess. Even up close, details stay sharp and crisp, instantly upgrading the premium feel and look of any indoor space.



IPS WIDE VIEW

Vibrant Visuals with 140° Ultra-Wide View

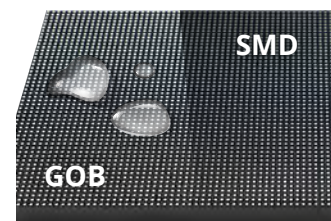
With a 140° wide viewing angle, the display keeps uniform color and brightness. Visuals stay true to life without distortion or color shifts from any angle, ensuring a perfect viewing experience.



DURABILITY

Engineered for Continuous, Long-Term Operation

Built with high-quality components, the system supports over 100,000 hours of continuous operation. By reducing failure risks, it provides a safe, dependable display environment that maximizes your long-term ROI.



GOB LED

Strong, Fully Sealed Protection

Advanced GOB fully sealed technology provides strong protection against impacts, water, and dust—making it perfect for high-traffic areas. This greatly lowers maintenance costs and ensures long-term operational stability.

SPECIFICATION

	Model Name	LPG121/5CHA/96	LPG151/5CHA/96	LPG181/5CHA/96	LPG201/5CHA/96	LPG251/5CHA/96
Physical Parameter	Pixel Pitch (mm)	1.25	1.538	1.86	2.0	2.5
	LED Type	GOB	GOB	GOB	GOB	GOB
	LED part number	TOP 1010	TOP 1212	TOP 1515	TOP 1515	TOP 2121
	Module Resolution (W×H in pixels)	256x128	208x104	172x86	160x80	128x64
	Density (dot/m²)	640,000	422,500	288,906	250,000	160,000
	Module Size (W×H×D,mm)	320x160x12	320x160x12	320x160x12	320x160x12	320x160x12
	Flatness (mm)	<=0.15	<=0.15	<=0.15	<=0.15	<=0.2
	Material	Plastic	Plastic	Plastic	Plastic	Plastic
Optical Parameter	Brightness (nits)	500	500	500	500	500
	Color Temp (K)	3200-9300 Adjustable	3200-9300 Adjustable	3200-9300 Adjustable	3200-9300 Adjustable	3200-9300 Adjustable
	Viewing angle (H/V,°)	140/140	140/140	140/140	140/140	140/140
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1	5000:1
Electrical Parameter	Max Power Consumption (W/pcs)	30	25	25	30	30
	Power Supply	AC 110-240V	AC 110-240V	AC 110-240V	AC 110-240V	AC 110-240V
Processing Parameter	Scan Rate	1/64	1/52	1/43	1/40	1/32
	Frame Rate	60	60	60	60	60
	Refresh Rate (Hz)	3840	3840	3840	3840	3840
	Color Depth (bits)	13-14	13-14	13-14	13-14	13-14
Operating conditions	Lifespan(hrs.)	≥100000	≥100000	≥100000	≥100000	≥100000
	Operating Temp (°C)	-10~45	-10~45	-10~45	-10~45	-10~45
	Storage Temp (°C)	-20~60	-20~60	-20~60	-20~60	-20~60
	Operating Humidity (RH)	10%-80%, non-condensing	10%-80%, non-condensing	10%-80%, non-condensing	10%-80%, non-condensing	10%-80%, non-condensing
	Storage Humidity (RH)	10%-90%, non-condensing	10%-90%, non-condensing	10%-90%, non-condensing	10%-90%, non-condensing	10%-90%, non-condensing
Service	Maintenance	Front/back	Front/back	Front/back	Front/back	Front/back
	warranty	36 month.	36 month.	36 month.	36 month.	36 month.

* 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.