



THE EDGE SERIES | 54" EDGE Pro

THE ULTIMATE **ENERGY EFFICIENT** VIDEO WALL KILLER TECHNOLOGY

LOOK BEST EVERYDAY



SMD COMMON CATHODE
COB FLIP CHIP COMMON CATHODE

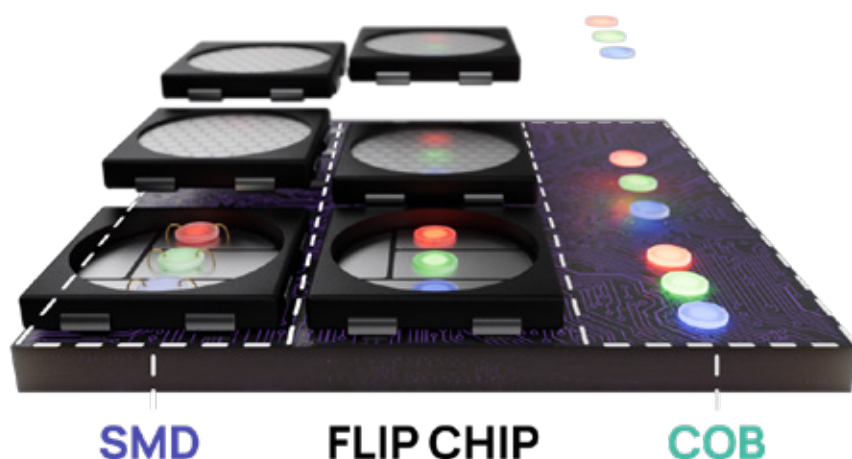
The EDGE Series just got better!

The 54" EDGE Pro is a groundbreaking advancement in LED display technology, evolving from its Award Winning predecessor, the 55" EDGE.

This innovative model enhances sustainability by employing Chip on Board, Flip Chip Common Cathode pixel technologies, as well as the traditional SMD options.

These cutting-edge features ensure superior energy efficiency, making the 54" EDGE Pro a smarter and more eco-friendly choice for top-tier fine pitch LED display applications.

PIXEL COMPARISON DIAGRAM



Upto 40% Energy Saving*



Pixel Types: SMD, COB



HDR Capable



16-bit Grayscale



2 Mounting methods:

Direct wall or Vesa



Modular Formation



100,000 Hours + Lifetime



Slim Design (28mm)



Front Service



GOB - ultimate pixel protection technology



Light Weight



160° Viewing Angles



16:9 Cabinet



Connect Model:

Direct HDMI connection
(up to 1080p resolution)



Interesting Fact

Did you know, COB pixel technology comes with a protective resin as standard? Designed to protect pixels from harm, it's a must-have in areas with heavy foot traffic or where screens are at ground level.



Reduced Carbon Footprint

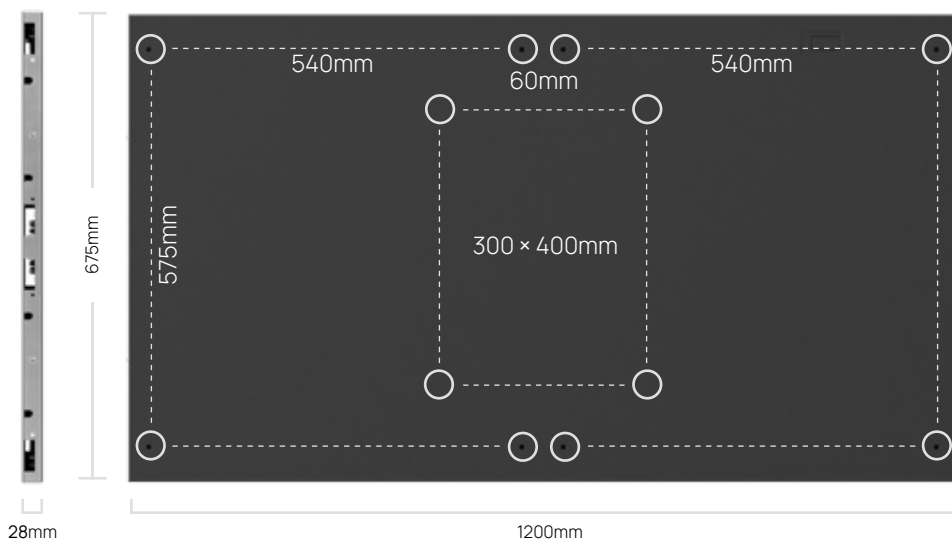
The 54" EDGE Pro uses four times fewer internal components compared to traditional LED display technologies. In addition to its energy-saving properties, it also reduces the amount of raw materials used during the manufacturing process.

Two mounting methods

Having the freedom to attach a LED display to an existing mounting solution can make a big difference. The industry standard VESA or wall mounting options enables the EDGE platform to be attached in a matter of seconds for quick and easy mounting.

Simplified installs

The 54" EDGE Pro, with its large die-cast cabinets, significantly reduces the need for cabinet fettling and mechanical adjustments. This enables fast and precise cabinet alignment, ensuring a perfectly uniform display with minimal effort.





Corporate



Control Room



Immersive



Digital Signage

COB (Flip Chip Common Cathode)

Pixel Pitch (mm)	0.625	0.78	0.93	1.25	1.56
Module Size (W+H)	150x168.75mm 5.9x6.64in				
Module Resolution (W+H)	240x270	192x216	160x180	120x135	96x108
Cabinet Resolution (W+H)	1920x1080	1536x864	1280x720	960x540	768x432
Cabinet Size (W+D+H)	1200x28x675mm 47.24x1.1x26.57in				
Pixel Types	COB				
Material	Die-cast Aluminium				
Cabinet Weight (kg/lbs)	17.5 / 38.58				
Cabinet Flatness	≤0.1mm				
Brightness	≤800cd/m ²				
Colour Temperature	2000 ~ 12000				
Viewing Angle (H/V)	160°				
Centre Distance Deviation of Luminescent Point	< 3%				
Contrast Ratio	≤1,000,000:1				
Peak Power Consumption (W/m ² / W/ft ²)	≤600/55.74	≤600/55.74	≤500/46.45	≤450/41.80	≤450/41.80
Average Power Consumption (W/m ² / W/ft ²)	≤240/22.30	≤240/22.30	≤200/18.58	≤180/16.72	≤180/16.72
Power Supply	AC100 ~ 240V (50~60Hz)				
Driving Mode	Constant current drive				
Frame Frequency	50/60Hz				
Refresh Rate	3840Hz				
Gray Scale	16bit				
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104				
Operating Humidity	10% ~ 80%RH anti-fog				
Service Life	≤100,000Hrs				
Maintenance Mode	Front maintenance				

SMD (Common Cathode)

Pixel Pitch (mm)	1.25	1.56	1.87	2.5
Module Size (W+H)	300x168.75mm 11.81x6.64in			300x337.5 11.81x13.29in
Module Resolution (W+H)	240x135	192x108	160x90	120x135
Cabinet Resolution (W+H)	960x540	768x432	640x360	480x270
Cabinet Size (W+D+H)	1200x28x675mm 47.24x1.1x26.57in			
Pixel Types	SMD			
Material	Die-cast Aluminium			
Cabinet Weight (kg/lbs)	16.2 / 35.71			
Cabinet Flatness	≤0.1mm			
Brightness	≤800cd/m ²			≤1200cd/m ²
Colour Temperature	2000 ~ 12000 (adjustable)			
Viewing Angle (H/V)	160°			
Centre Distance Deviation of Luminescent Point	< 3%			
Contrast Ratio	≤4,000:1			
Peak Power Consumption (W/m ² / W/ft ²)	≤720/66.89	≤680/63.17	≤600/55.74	≤660/61.32
Average Power Consumption (W/m ² / W/ft ²)	≤280/26.01	≤270/25.08	≤240/22.29	≤260/24.15
Power Supply	AC100 ~ 240V (50~60Hz)			
Driving Mode	Constant current drive			
Frame Frequency	50/60Hz			
Refresh Rate	3840Hz			
Gray Scale	16bit			
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104			
Operating Humidity	10% ~ 80%RH anti-fog			
Service Life	≤100,000Hrs			
Maintenance Mode	Front maintenance			

* GOB is optional upgrade on SMD pixel technology only

*40% energy saving is calculated vs SMD technology when the 54" EDGE Pro display is run at a comparable brightness

*All data contained is subject to change.

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 **LEDstudio**



LED display technology
for tomorrow's world.

Please contact us if you have any questions,
we're always happy to help

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