



# 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

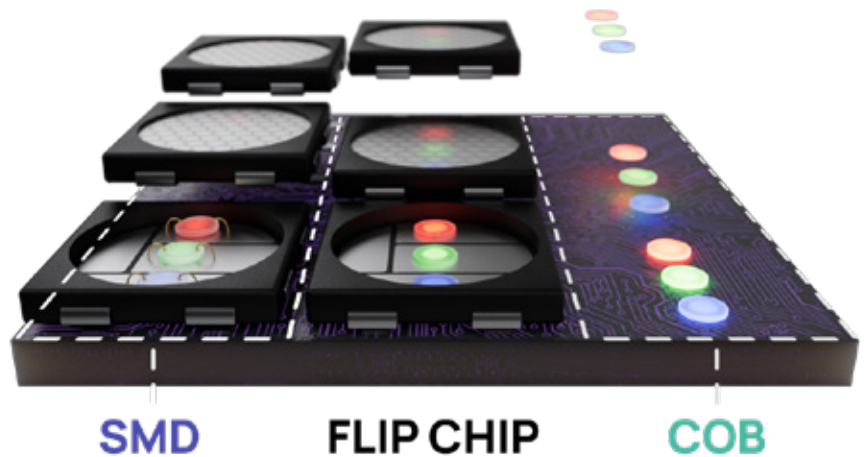
## The EDGE Series just got better!

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



## FIXED RESOLUTIONS OR CUSTOM SIZES



**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

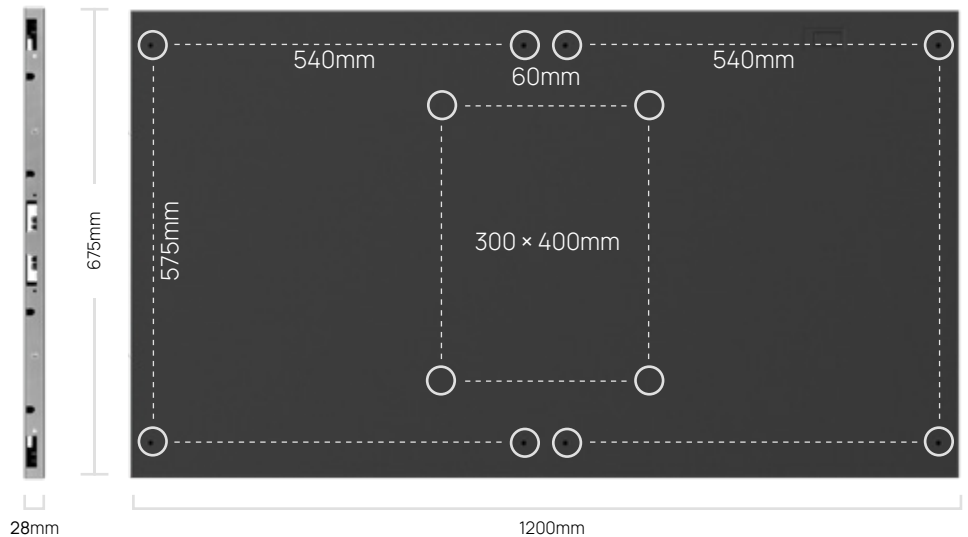
The 54" EDGE Pro uses four times fewer internal components compared to traditional LED display technologies. In addition to its energy-saving properties, it also reduces the amount of raw materials used during the manufacturing process.

## 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)	0.93	1.25	1.56
Cabinet Size (W+D+H)		1200x28x675mm 47.24x1.1x26.57in	
Cabinet Weight		16.2kg 35.7lbs	
Cabinet Resolution (W+H)	1280x720	960x540	768x432
Scan Ratio		1/40	1/48
Aspect Ratio		16:9	
Brightness		≤800cd/m <sup>2</sup>	
Contrast Ratio		≤1,000,000:1	
Refresh Rate		≤3840Hz	
Frame Frequency		60/120 (3D)	
Viewing Angle (H/V)		178° / 178°	
Colour Temperature		32	
Gray Scale		14 bit	
Display Native Colour Space		DCI-P3	
Peak Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤250/23.22	≤300/27.87	≤300/27.87
Average Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤125/11.61	≤150/13.94	≤150/13.94
Working Voltage		AC100 ~ 240V (50~60Hz)	
Lifetime		≤100,000Hrs	
Operating Temperature (°C / °F)		-20 ~ +60 / -4 ~ +42	
Operating Humidity		10% ~ 90% RH	
IP Rating		Indoor	
Certification		CE, ETL	

## 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 <sup>2</sup>		≤1200cd/m <sup>2</sup>
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 <sup>2</sup> / W/ft <sup>2</sup> )	≤720/66.89	≤680/63.17	≤600/55.74	≤660/61.32
Average Power Consumption (W/m <sup>2</sup> / W/ft <sup>2</sup> )	≤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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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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