THE EDGE SERIES | 65" EDGE Pro

THE NEXT EVOLUTION IN SUSTAINABLE BIG SCREEN TECHNOLOGY

SMD (SURFACE MOUNT DIODE)
COB FLIP CHIP COMMON CATHODE

The EDGE Series just got BIGGER!
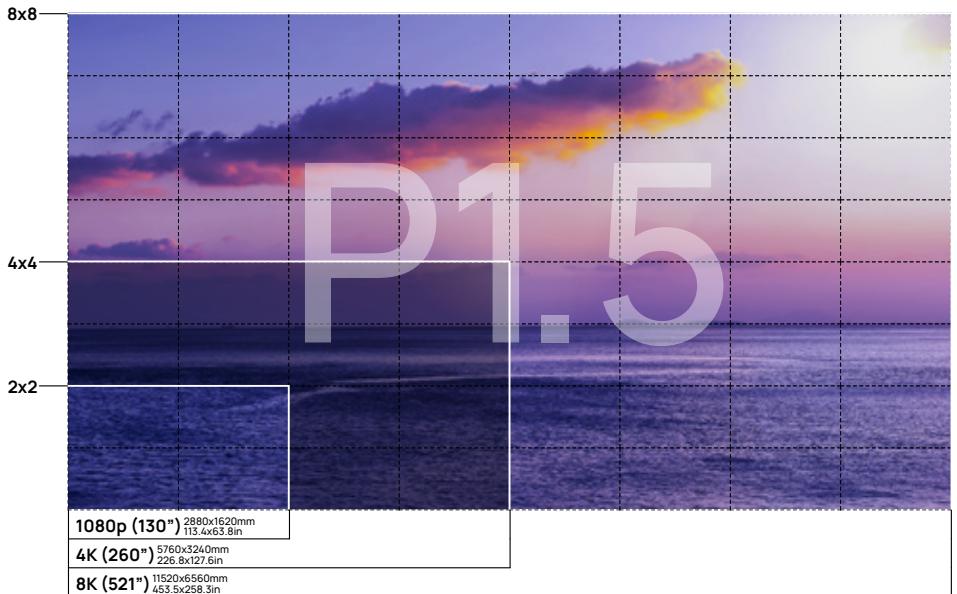
Designed to reduce install time and complexity, the 65" EDGE Pro opens up LED display technology to all AV installers and integrators.

By removing the need for complex mechanical cabinet adjustments, the 65" EDGE Pro can be installed in a matter of minutes, allowing for mass deployment with minimal hassle.

Energy Saving Tip: Setting your display to the correct brightness for each application can save you money, and reduce you fossil fuel usage.

Fixed resolutions & custom sizes

65" EDGE can be configured in 1080p, 4k UHD and 8K resolutions, or custom shapes and sizes

P1.5

8x8

4x4

2x2

1080p (130") 2880x1620mm 113.4x63.8in
4K (260") 5760x3240mm 226.8x127.6in
8K (521") 11520x6560mm 453.5x258.3in

SMD Common Cathode

Experience a display with improved colour performance and reduced heat output due to its Common Cathode configuration.

A cost effective pixel offering that reduced power consumptions Vs legacy SMD technologies.

Up to
600 nits
peak brightness

16:9
aspect ratio

Up to
25%
energy saving vs Non-Common Cathode SMD

COB Flip Chip Common Cathode

Welcome to cutting-edge pixel technology. Boasting superior energy-saving properties and rich contrast, our COB offers stunning visuals and ongoing savings.

Choose between two brightness options, 1500 or 3500 Nits; your display can shine in the brightest of indoor applications.

Up to
3500 nits
peak brightness

16:9
aspect ratio

Up to
40%
energy saving vs Non-Common Cathode SMD

GOB - Pixel Protection Technology*

GOB protects pixels from accidental or intentional damage giving you piece of mind.

Contact us: +44 (0)20 3832 9500
www.theledstudio.com

Version 1.6

LEDstudio

- **Up to 40% Energy Saving vs SMD** (non Common Cathode)*
- **HDR Capable**
- **16-bit Grayscale**
- **2 Mounting methods:** Direct wall or Vesa
- **Modular Formation**
- **100,000 Hours + Lifetime**
- **Slim Design (39mm)**
- **Front Service**
- **GOB - Pixel Protection Technology** optional upgrade
- **Light Weight**
- **160° Viewing Angles**
- **16:9 Cabinet**
- **Supports Dual Power & Data Redundancy**
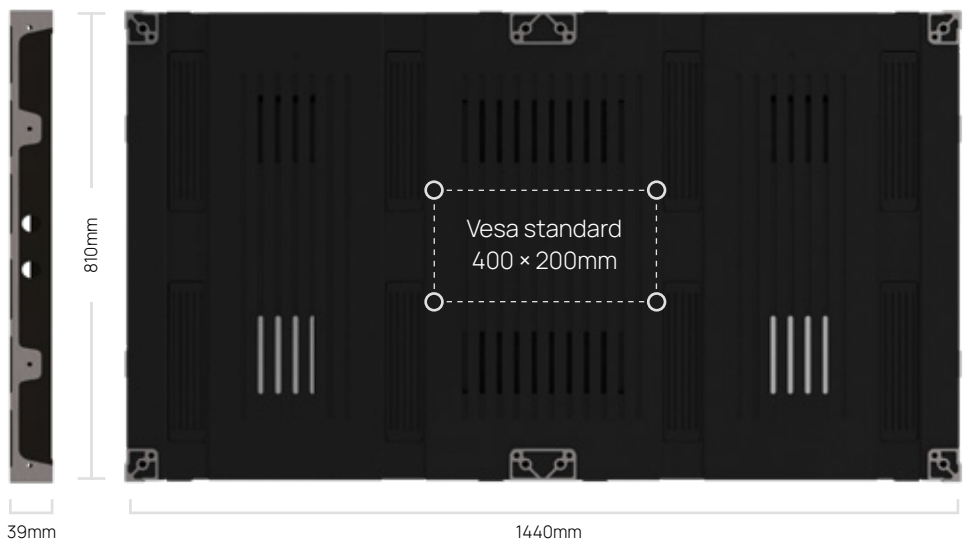
Reduced Carbon Footprint

The 65" 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 65" EDGE, 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.

810mm

39mm

Vesa standard
400 × 200mm

1440mm

Corporate

Retail

Hospitality

Digital Signage

SMD

Pixel Pitch (mm)	1.25	1.5	1.875	2.5
Module Size (W+H)	270x240mm 10.63x9.44in			
Module Resolution (W+H)	192x216	160x180	128x144	96x108
Cabinet Resolution (W+H)	1152x648	960x540	768x432	576x324
Cabinet Size (W+H+D)	1440x810x39mm 56.69x31.89x1.54in			
Material	Die-cast Aluminum			
Cabinet Weight (kg/lbs)	33.3 / 73.4			
Cabinet Flatness	≤0.1mm			
Brightness	600nits			
Colour Temperature	2000 ~ 12000 (adjustable)			
Viewing Angle (H/V)	160°			
Centre Distance Deviation of Luminescent Point	‹3%			
Brightness Uniformity	≥98%			
Colour Uniformity	Within ±.0035 Cx, Cy			
Contrast Ratio	≤4,000:1			
Max Power Consumption (W/m² / W/ft²)	≤570/50.95	≤420/39.02	≤390/36.23	≤330/30.66
Average Power Consumption (W/m² / W/ft²)	≤170/15.79	≤130/12.08	≤120/11.15	≤120/11.15
Power Supply	AC100 ~ 240V (50~60Hz)			
Frame Frequency	50/60Hz			
Refresh Rate	3840Hz			
Gray Scale	14bit			
Operating Temperature (°C / °F)	-10 ~ +40 / +14 ~ +104			
Operating Humidity	10% ~ 80%RH anti-fog			
Service Life	≥100,000Hrs			
Maintenance Mode	Front maintenance			
Protaction Grade	IP40			

COB Flip Chip Common Cathode

Pixel Pitch (mm)	1.5	1.875	2.5	1.5	1.875
Technology	COB Standard Bright			COB High Bright	
Module Size (W+H)	270x240mm 10.63x9.44in				
Module Resolution (W+H)	160x180	128x144	96x108	160x180	128x144
Cabinet Resolution (W+H)	960x540	768x432	576x324	960x540	768x432
Cabinet Size (W+H+D)	1440x810x39mm 56.69x31.89x1.54in				
Material	Die-cast Aluminum				
Cabinet Weight (kg/lbs)	33.3 / 73.4				
Cabinet Flatness	≤0.1mm				
Brightness	1500nits			3500nits	
Colour Temperature	2000 ~ 12000 (adjustable)				
Viewing Angle (H/V)	160°				
Centre Distance Deviation of Luminescent Point	‹3%				
Brightness Uniformity	≥98%				
Colour Uniformity	Within ±.0035 Cx, Cy				
Contrast Ratio	≤10,000:1				
Max Power Consumption (W/m² / W/ft²)	≤400/37.16			≤630/58.53	
Average Power Consumption (W/m² / W/ft²)	≤150/13.94			≤200/18.58	
Power Supply	AC100 ~ 240V (50~60Hz)				
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				
Protaction Grade	IP40				

*GOB is an optional upgrade on SMD pixel technology only   *All data contained is subject to change.   *Refresh rates can be customised

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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