



DIAMOND EDGE

55" LED PANEL SERIES

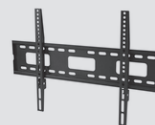
The Best Display for Control Room.



► A Big Upgrade from LCD Video Wall

Diamond Edge 55-inch LED display for your control room, featuring a vibrant and sharp screen. With a seamless display, images are crystal clear. Easy installation allows for hassle-free mounting on a TV VESA Mount. Additionally, its long lifespan meets the demands of various usage scenarios.

Easy installation on TV VESA Mount

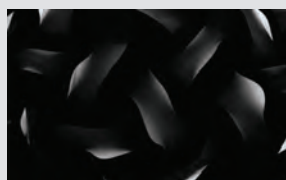


► Utility & Advantage

- In a single panel of Diamond Edge, you can replace a 55-inch LCD display
- No need to make a new structure
- No distracting bezels on the screen
- Long lifespan and does not require calibration like a video wall
- Easy to install on a conventional TV VESA mount

Intense Black

Black is the essence of detail. A unique ultra-low reflection black surface technology, comes together with an inherently black base to render intense expressions of black for the ultimate contrast.

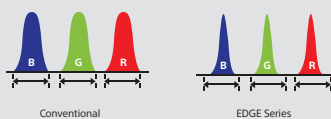


Conventional

EDGE Series

Pure Colours

Colours make up reality. Colour enhancing LED technology with superior colour purity and a wide colour gamut produce vibrant and natural colours for eye-catching, true-to-life imagery.



Conventional

EDGE Series

In Any Light

The best view is a consistent view. generating crisp, clear viewing without fading or distortion in any ambient light, whether it's night or day, dark or bright.



Key Features



Modular Formation

Customise the screen size and shape to fit your desired environment.



Lasting Performance

A lifespan of 100,000 hours with robust durability gives you lasting peace of mind.



Slim Design

A sleek, slim form factor with a needing no mounting kit allows for an easy and seamless integration into any environment.



Easy Maintenance

Direct front access to critical components allows for quick, convenient maintenance.



All Ambient Lighting

Enjoy uninterrupted, perfectly visible viewing with consistent picture quality regardless of the room's lighting conditions.



Modular Formation

Configure the screen piece-by-piece into various sizes and shapes the way you want it.



Seamless Black Surface

Aesthetically complement any luxury space with a sleek, black surface and bezel-less look.



Shock Resistance Technology

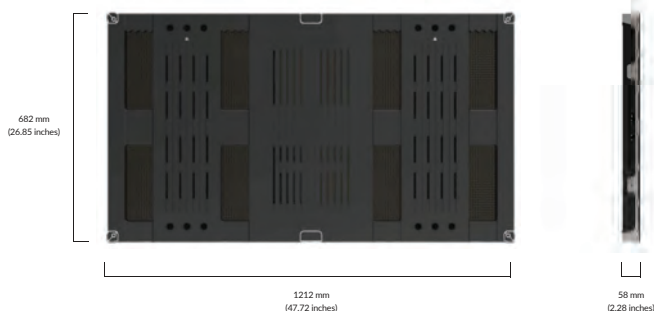
A shock-resistant surface protects against dust, water and everyday impact.

SPECIFICATIONS

55" EDGE

	Pixel Pitch (mm)	0.9	1.2	1.5	1.8	2.5
Physical Parameters	Cabinet Dimensions (W x H x D) (mm)	1212 x 682 x 58	1212 x 682 x 58	1212 x 682 x 58	1212 x 682 x 58	1212 x 682 x 58
	Weight (kg)	15	15	15	15	15
	Resolution	1280 x 720	960 x 540	768 x 432	640 x 360	480 x 270
Optical Parameters	Aspect Ratio	16 : 9	16 : 9	16 : 9	16 : 9	16 : 9
	Brightness (nits = cd/m2)	≤600	≤600	≤600	≤600	≤600
	Refresh Rate (Hz)	≤3840	≤3840	≤3840	≤3840	≤3840
	Colour Temperature (K)	2500 ~ 9000	2500 ~ 9000	2500 ~ 9000	2500 ~ 9000	2500 ~ 9000
Electrical Parameters	Power Consumption Max (W/m2)	≤450	≤430	≤410	≤400	≤380
	Power Consumption Typical (W/m2)	≤180	≤160	≤145	≤135	≤130
	Working Voltage	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz	AC: 100 V~240V, 50~60 Hz
Additional Features	Lifetime (Hours)	100,000	100,000	100,000	100,000	100,000
	Operating Temp (°C)	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60	-10 ~ +60
	Storage Temp (°C)	-25 ~ +60	-25 ~ +60	-25 ~ +60	-25 ~ +60	-25 ~ +60
	Humidity Range (%)	-25 ~ +60 - 25 ~ +60	-25 ~ +60 - 25 ~ +60	-25 ~ +60 - 25 ~ +60	-25 ~ +60 - 25 ~ +60	-25 ~ +60 - 25 ~ +60

CABINET SIZE



CONFIGURATION SIZES

Configuration size V.S. LCD video wall

