



Synergy ULTRA

Indoor Video Cabinet - Fine Pitch
Front Service - Low Power

Cabinet Sizes Available:

1000 mm x 250 mm 750 mm x 250mm
500 mm x 250 mm 250 mm x 250mm

Pitch Sizes Available:

P1.56 P1.95 P2.6 P2.97 P3.91



High Definition



Front Access



Magnetic Connection



Lightweight



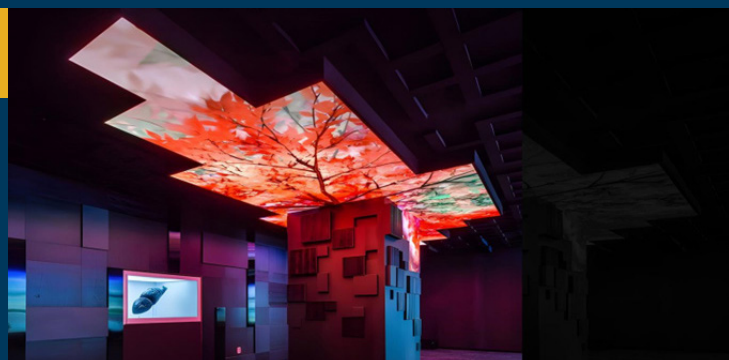
Low Power



Modular



Angle Adjustable



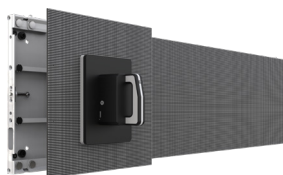
www.LEDsynergy.co.uk
Tel: 01264 303030

Product Features

Front Maintenance

The modules are serviceable from the front of the cabinet.

Convenient and fast access



Lightweight and Slim

The aluminium cabinets are extremely light, weighing only 4.8Kg

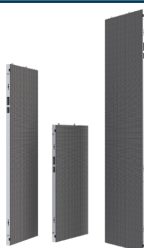
The cabinets are of aluminium construction and have an ultra-slim profile of just 20mm



Cabinets

The standard cabinet sizes are:
1000 x 250mm, 750 x 250mm
500 x 250mm and 250 x 250mm

The cabinets are of aluminium construction with die-cast aluminium module design.

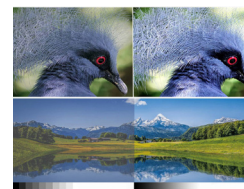


Better Image Quality

High Refresh Rate - Giving a much sharper image

High Grayscale - Better contrast with the image

High Brightness - Better performance



Multiple Uses

With the flexibility of this screen you can achieve;

creative displays, right angle screens, curved screens, ceiling features, bespoke advertising screens and much more



Energy Saving

The modules have a lower power consumption, when compared with similar products on the market the power saving is over 40%



Product Specification - 1000 x 250mm Cabinet

Pixel Pitch	1.56mm	1.95mm	2.6mm	2.97mm	3.91mm
LED Lamp	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020
Density (dots/m ²)	409600	262144	147456	112896	65536
Brightness	≥600 nits	≥600 nits	≥600 nits	≥600 nits	≥600 nits
IP Rating	IP20	IP20	IP20	IP20	IP20
Cabinet Material	Aluminium Profile				
Refresh Ratio	≥3840 Hz				
IC Driving	1/40	1/32	1/32	1/28	1/16
Cabinet Weight	4.8Kg				
Module Size (mm)	250 x 250mm				
Cabinet Size (mm)	1000 x 250mm x 20mm				
Modules per Cabinet	4 x 2				
Cabinet Area (m ²)	0.25				
Module Resolution	160 x 160 dots	128 x 128 dots	96 x 96 dots	84 x 84 dots	64 x 64 dots
Cabinet Resolution	640 x 160 dots	512 x 128 dots	384 x 96 dots	336 x 84 dots	256 x 64 dots
Max Power	500 W/sqm	500 W/sqm	500 W/sqm	500 W/sqm	500 W/sqm
Average Power	165 W/sqm	165 W/sqm	165 W/sqm	165 W/sqm	165 W/sqm
Viewing Angle	H-140 deg V-140 deg				
Control Method	Synchronous / Asynchronous				
Grayscale	14 - 16 bit				
Operating System	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI				
Working Humidity	10% ~ 90%				
Working Temperature	-20 °C ~ +65°C				
Lifespan	100,000 hours				

Specifications are subject to change