



Synergy CORE

Indoor Video Cabinet - Fine Pitch
Front Service

Cabinet Sizes Available:

640 mm x 480 mm

480 mm x 480 mm

600 mm x 337mm

Pitch Sizes Available:

P1.25 P1.53 P1.86 P2 P2.5 P3 P4



Front
Access



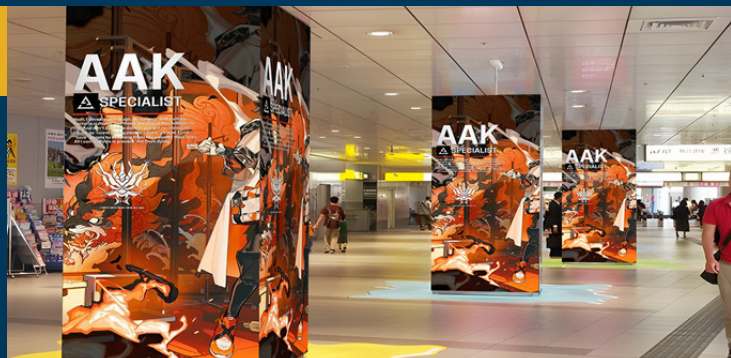
Modular
Design



Lightweight



Low Power



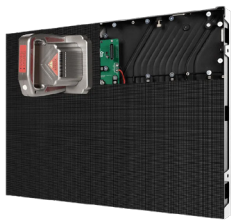
www.LEDsynergy.co.uk
Tel: 01264 303030

Product Features

Front Maintenance

The modules are serviceable from the front of the cabinet.

This gives you ease for ongoing maintenance



Lightweight and Slim

The aluminium modules and cabinet are extremely light, weighing only 25.8Kg

The cabinet has an extremely slim design at only 60mm depth



Cabinets

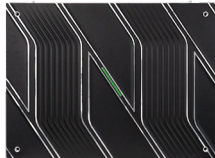
The standard cabinet sizes are:

640 x 480mm

480 x 480mm

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

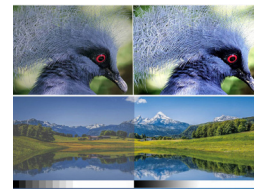
Dual layer power supply for heat dissipation



Better Image Quality

High Refresh Rate - Giving a much sharper image

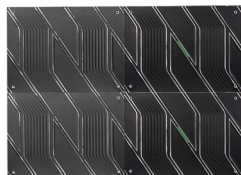
High Grayscale - Better contrast withing the image



Seamless Joining

Fast lock - Easily and quickly locate and lock adjacent cabinets with advanced locking system.

Side and top handles to make it easier to manouvre the cabinets



Energy Saving

The modules have a lower power consumption, when compared with similar products on the market



Product Specification - 640 x 480mm Cabinet

Pixel Pitch	1.25mm	1.53mm	1.86mm	2mm	2.5mm	3mm	4mm
LED Lamp	SMD1010	SMD1212	SMD1515	SMD1515	SMD2020	SMD2020	SMD2020
Density (dots/m²)	695556	401111	284444	250000	160000	111111	62500
Brightness	≥500	≥600	≥800 nits	≥800 nits	≥900 nits	≥900 nits	≥900 nits
IP Rating	IP45						
Cabinet Material	Aluminium Profile						
Refresh Ratio	3840 Hz						
Scan	64 scan	52 scan	43 scan	38 scan	32 scan	26 scan	26 scan
Module Weight	0.3Kg						
Cabinet Weight	5.5Kg						
Module Size (mm)	320 x 160mm						
Cabinet Size (mm)	640 x 480mm x 60mm						
Modules per Cabinet	2 x 3						
Cabinet Area (m²)	0.3072						
Module Resolution	256 x 128 dots	208 x 104 dots	172 x 86 dots	160 x 80 dots	128 x 64 dots	104 x 52 dots	80 x 40 dots
Cabinet Resolution	512 x 384 dots	416 x 312 dots	344 x 258 dots	320 x 240 dots	256 x 192 dots	208 x 156 dots	160 x 120 dots
Max Power	600 W/sqm	600 W/sqm	600 W/sqm	600 W/sqm	600 W/sqm	600 W/sqm	600 W/sqm
Average Power	360 W/sqm	360 W/sqm	360 W/sqm	360 W/sqm	360 W/sqm	360 W/sqm	360 W/sqm
Viewing Angle	H-140 deg V-140 deg						
Control Method	Synchronous / Asynchronous						
Grayscale	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