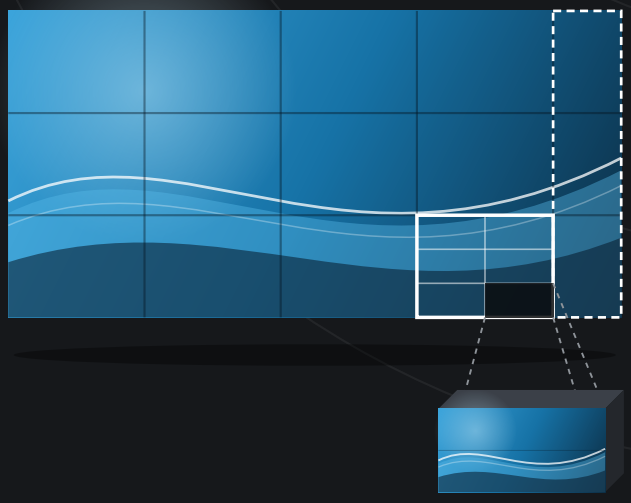
INDOOR LED · COMMERCIAL

Skyco Indoor Commercial

Indoor SMD LED from P1.2 to P4, built on one module standard and three cabinet sizes that fit almost any wall.

P1.2 P1.5 P1.8 P2.5 P4



1.25–4 mm
Pixel pitch range

320 × 160
Standard module, mm

3
Cabinet sizes

7,680 Hz
Refresh, optional

Any wall size. Odd or even, it fits.

Our commercial indoor range covers retail, lobbies, venues and worship spaces. Every pitch uses the same 320 × 160 mm module, and three cabinet sizes (640 × 640, 640 × 480 and 320 × 480 mm) combine to build odd and even module counts. The screen is designed around the space, not the other way round, and spares stay simple.

Three cabinet sizes
640 × 640, 640 × 480 and 320 × 480 mm cabinets mix in one wall.

One module standard
Every pitch uses the 320 × 160 mm module, so spares and upgrades are simple.

Slim and light
A module-based build keeps weight and structural load down.

Calibrated image
Point-by-point brightness and colour calibration for an even picture.

Smooth on camera
3,840 Hz refresh as standard, 7,680 Hz on request.

Front service
Magnetic modules release from the front for flush wall mounting.

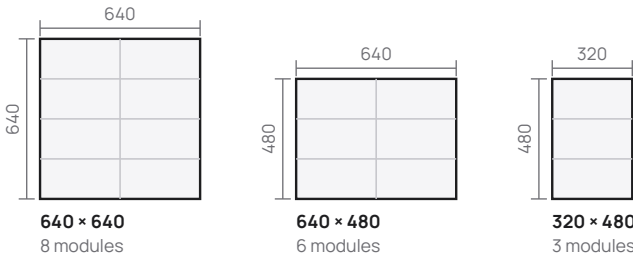
APPLICATIONS

Retail and malls · Corporate lobbies · Houses of worship · Venues and hotels · Showrooms · Education

Specifications. Per pitch.

	P1.2	P1.5	P1.8	P2.5	P4
Pixel pitch	1.25 mm	1.53 mm	1.84 mm	2.5 mm	4.0 mm
LED type	SMD1010	SMD1212	SMD1515	SMD2121	SMD2121
Module resolution	256 × 128	208 × 104	174 × 87	128 × 64	80 × 40
Pixel density (px/m²)	640,000	422,500	295,664	160,000	62,500
640 × 640 cabinet	512 × 512	416 × 416	348 × 348	256 × 256	160 × 160
640 × 480 cabinet	512 × 384	416 × 312	348 × 261	256 × 192	160 × 120
320 × 480 cabinet	256 × 384	208 × 312	174 × 261	128 × 192	80 × 120
Viewing distance from	1.2 m	1.5 m	1.8 m	2.5 m	4 m

CABINET OPTIONS



Module 320 × 160 mm. Other module sizes on request.

COMMON SPECIFICATIONS

Module	320 × 160 mm, magnetic
Brightness	≥ 500 nits, calibrated
Contrast	5,000:1
Viewing angle	140° / 140°
Uniformity	≥ 98%
Colour temperature	2,000–9,300 K, adjustable
Refresh rate	3,840 Hz (7,680 Hz option)
Processing depth	12–14 bit
Power, max / typical	300–586 / 90–176 W/m²
Input power	AC 90–132 V or 186–264 V
Operating	–20 °C to +45 °C, 10–50% RH
Lifetime	100,000 hours

Example walls. Resolution by pitch.

Wall	Cabinets	P1.2	P1.5	P1.8	P2.5	P4
2.56 × 1.44 m **116" · 16:9**	12 × (640 × 480)	2048 × 1152	1664 × 936	1392 × 783	1024 × 576	640 × 360
2.88 × 1.44 m **127" · 2:1**	12 × (640 × 480) 3 × (320 × 480)	2304 × 1152	1872 × 936	1566 × 783	1152 × 576	720 × 360
5.12 × 2.88 m **231" · 16:9**	48 × (640 × 480)	4096 × 2304	3328 × 1872	2784 × 1566	2048 × 1152	1280 × 720

Specifications are typical values and may change without notice. Final specifications, structure and power design are confirmed in your Skyco project proposal.

Talk to our LED team.

We survey the site, design the screen and structure, install, commission and support it.

1. **Site survey**
2. **Design and quote**
3. **Installation**
4. **Control and handover**
5. **Support**