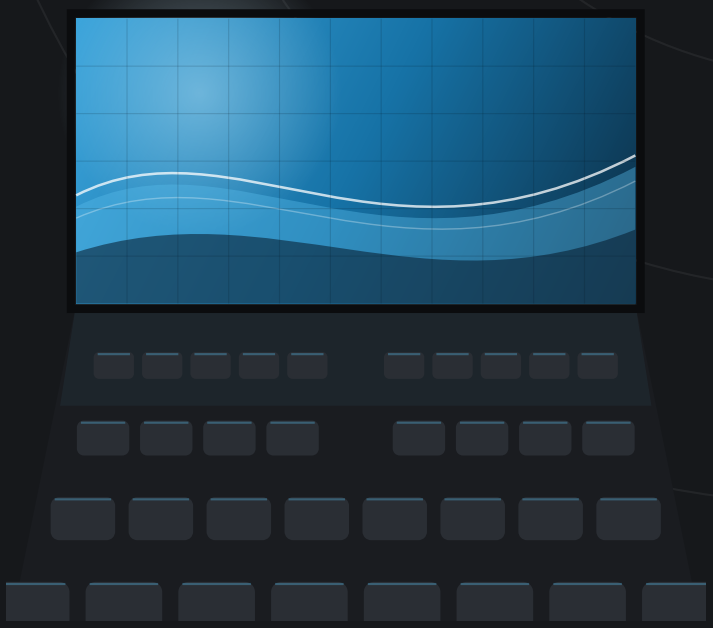
INDOOR LED · CINEMA

Skyco Cinema LED

A direct-view LED cinema screen with DCI-P3 colour, 4K resolution and true blacks. No projector, no lamp.

P2.5 | 4K DCI | DCI-P3 | 3D



4096 × 2160
DCI 4K picture

48 nits
DCI level, 300 max

DCI-P3
Colour gamut

100,000 h
Screen life

Cinema, rebuilt. Brighter, sharper, lights-on ready.

Our cinema LED replaces the projector and screen with one direct-view LED wall. Every pixel makes its own light, so the picture is uniform edge to edge, blacks stay black and colour is accurate to DCI-P3. Because the screen also works with the lights on, the same auditorium can host concerts, e-sports and corporate events between screenings.

DCI-P3 colour
Calibrated to the cinema standard at 48 nits.

True blacks
No projector light bouncing back off the screen.

4K, 24 to 120 fps
4224 × 2160 screen with a 4096 × 2160 active picture.

3D support
96, 120 and 144 fps 3D, with no silver screen.

Immersive audio
Media block renders 5.1, 7.1 and immersive sound to 64 speakers.

No lamps
100,000-hour screen life and no lamp changes.

APPLICATIONS

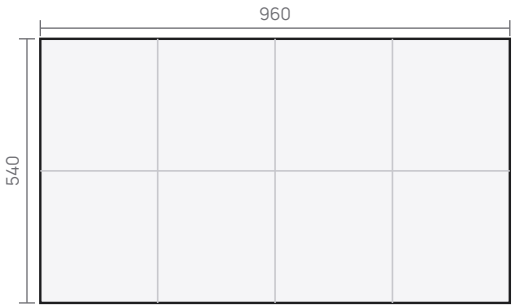
Cinemas | Premium auditoriums | Private screening rooms | E-sports arenas | Corporate theatres | Concert halls

Specifications. Screen, cabinet and media block.

REFERENCE 4K SCREEN

Screen size	10.56 × 5.40 m
Resolution	4224 × 2160
Active picture	4096 × 2160 (DCI 4K)
Pixel pitch	2.5 mm
Brightness	48 nits DCI, 300 nits max
Colour gamut	DCI-P3
Frame rates	24, 25, 30, 48, 50, 60, 120 fps
3D	96, 120, 144 fps
Refresh rate	3,000–9,300 Hz
Grey scale	16 bit
Cabinets	110 (11 × 10)
Screen weight	1,270 kg
Power at 48 nits	3,960 W max
Heat at 48 nits	13,512 BTU/h

CABINET



960 × 540 × 54.4 mm · 16:9 · 8 modules

Size	960 × 540 × 54.4 mm
Resolution	384 × 216
Modules	8 (4 × 2)
Weight	11.5 kg
Material	Magnesium-aluminium
Service	Rear access
Power at 48 nits	36 W max
Input	AC 100–240 V, 50/60 Hz

Cinema media block. Plays standard cinema packages.

Packages	SMPTE DCP and Interop DCP
Processing	12-bit 4:4:4 X'Y'Z'
Formats	JPEG 2000, MPEG-2, H.264
Frame rate	120 fps 2K, 60 fps 4K
Audio	5.1 / 7.1, immersive to 64 speakers

Inputs and outputs	3 × Ethernet, 2 × 3G-SDI, HDMI, DisplayPort, AES-3, LTC, USB, eSATA
Storage	3 × 2.5" hot-swap drives
Control	Web UI, app and TMS API
Extras	Subtitles, forensic watermarking
Power	Under 70 W

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**