Indoor LED 1.2 mm 108" FullHD Bundle

Sharp LD-E121-108

High Impact. Streamlined Value

Bring the brilliance of fine-pitch LED to value-driven environments, without compromising on performance. Purpose-built for corporate meeting rooms and digital signage, the Sharp E Series delivers vivid content clarity and brightness for excellent visibility.

Available in standard-size bundles, it includes all the components needed for seamless integration of large format displays, free from distracting bezels. The slim, lightweight design supports easy installation, either wall-mounted or free-standing, while front access to all components simplifies maintenance. A durable metal chassis ensures long-term reliability, in line with Sharp's reputation for engineering quality.

An SoC-based controller enables wireless content sharing and seamless connectivity with external devices. Whether presenting or collaborating, the E Series supports intuitive operation and minimal setup.

Designed to meet the demands of modern visual communication, the E Series combines professional-grade performance with streamlined deployment, bringing high-impact LED to a broader range of applications.

Benefits

Low-profile integration – the super slim and light weight modules align with perfection to create a large digital canvas which integrates unobtrusively into any environment.

Front serviceable modules – with front access to the LED modules, maintenance is easy.

Slim design – with a flush rear profile, LED modules can be integrated very close to the wall with minimal gap necessary due to very low heat emission.

Care-free installation – with bundled solutions that deliver all you need to get your LED video wall up and running.

Specifications

Product Information

Product Name
Sharp LD-E121-108

Product Group
Indoor LED 1.2 mm 108" FullHD Bundle

Order Code
LDE121-108, LDE121-108-NP (no powerbar)

Display

Pixel Configuration
3-in-1 SMD (Black)

LED type
SMD (1010)

Screen Size [inch/cm]
108 / 274

Pixel Pitch [mm]
1.2

Aspect Ratio
16:9

Contrast Ratio (typ.)
5000:1

Viewing Angle [°]
170 horizontal / 160 vertical

Brightness (max.) [cd/m²]
600

Dimming Capability
256 levels

Lifetime
100000 hrs (50% brightness)

Colour Processing
16 bit

Colours [Trill.]
281 trillion

LED Driving Method
1/45 dynamic scan

Frame Rate [Hz]
50/60

Refresh Rate [Hz]
≤ 3840

Colour Temperature [K]
3000 - 9500

Screen Resolution

Resolution
1920 x 1080

Number of Pixel per m²
640000

Resolution of Pixel per module [dot]
480 x 270

Resolution of Pixel Card [px]
120 x 270

Connectivity

Input Video Digital
1 x 3G SDI; 1 x DVI-D; 1 x HDMI

Input Control
1 x GenLock; 1 x LAN

Electrical

Total Power Consumption [W]
944 typ. / 2000 max.

Power Consumption typ. [W]
291 per m² (normal use)

Power Consumption max. [W]
617 per m²

Power Consumption typ. [BTU]
991 per m² (normal use)

Power Consumption max. [BTU]
2099 per m²

Environmental Conditions

Operating Temperature [°C]
-20 to 40

Operating Humidity [%]
10 to 80

Mechanical

Dimensions (W x H x D) [mm] per module
600 x 337.5 x 29

Dimensions (W x H x D) [mm]
2,412 x 1,362 x 50 without powerbar; 2,412 x 1,406 x 50

Weight [kg]
100 without powerbar; 96.7

Regulatory

Safety and Ergonomics
CE; ETL; FCC Class A; RoHS

Additional Features

Shipping Content
1x LED Controller; LED Modules (16 Cabinets, 64 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (4x4)

Special Characteristics
Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer
SHARP

Serviceability
Front Service

IP Level
IP20

Warranty
2 years

Material
Aluminum Cabinet

* 108 inch

CE FCC Class A RoHS

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