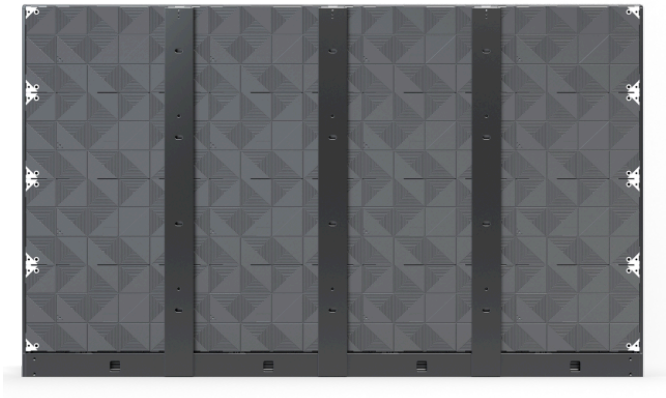
Indoor LED 0.95 mm 110" QHD Bundle

NEC LED-FE009i2-110



Enhanced detail and realism

Adding a super-fine pixel pitch option to the FE Series, Sharp's LED FE009i2 modules and bundles offer excellent visual performance and high information density. Configure an QHD resolution canvas at a screen size of just 110", ideal for meeting rooms and signage applications, even where viewing distances are short.

By using an innovative 4-in-1 IMD diode design, reality-like image presentation at high resolution and detail can be achieved without interruption from bezels or gaps, delivering excellent viewing angles, consistent vibrant colours and superb brightness.

Sharp's FE Series provides long-lasting quality with industrial-grade power supplies in easy to install, off the shelf bundle solutions for safe operation and minimal downtimes.

Benefits

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

Large scale for perfectly detailed imagery – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

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.

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

Visual excellence – high contrast and high brightness is inherent in LED delivery, benefit from NEC's long lasting quality.

SHARP

Specifications

Product Information

Product Name
NEC LED-FE009i2-110

Product Group
Indoor LED 0.95 mm 110" QHD Bundle

Order Code
81000291

Display

Pixel Configuration
4-in-1 IMD (Black)

LED type
IMD (1616)

Screen Size [inch/cm]
110 / 279.4

Pixel Pitch [mm]
0.95

Aspect Ratio
16:9

Contrast Ratio (typ.)
5000:1

Viewing Angle [°]
140 horizontal / 140 vertical

Brightness (max.) [cd/m²]
600

Dimming Capability
256 levels

Lifetime
100000 hrs (50% brightness)

Colour Processing
16 bit

Colours [Trill.]
281

LED Driving Method
1/46 dynamic scan

Frame Rate [Hz]
50/60

Refresh Rate [Hz]
≤ 3840

Colour Temperature [K]
3000 - 9500

Screen Resolution

Resolution
2560 x 1440

Number of Pixel per m²
1108033

Resolution of Pixel per module [dot]
640 x 360

Resolution of Pixel Card [px]
160 x 180

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]
1280 typ. / 2400 max.

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

Power Consumption max. [W]
720 per m²

Power Consumption typ. [BTU]
1292 per m² (normal use)

Power Consumption max. [BTU]
2448 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
608 x 342 x 49

Dimensions (W x H x D) [mm]
2,472 x 1,489.5 x 82

Weight [kg]
182

Regulatory

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

Additional Features

Shipping Content
1x LED Controller; LED Modules (16 Cabinets, 128 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (4x4)

Special Characteristics
Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer
NEC

Serviceability
Front Service

IP Level
IP20

Warranty
3 years

Material
Aluminum Cabinet

* 110 inch

RoHS CE FCC Class A

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