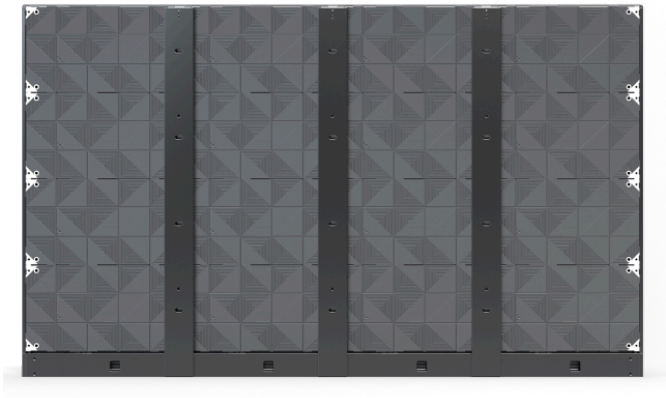
Indoor LED 1.2 mm 110" FullHD Bundle

NEC LED-FE012i3-110



Essential bundles of brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's FE Series delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's FE Series provides long lasting NEC quality with industrial-grade power supplies in easy to install, off the shelf bundle solutions for safe operation with minimised downtimes.

Native FHD and UHD resolutions are achieved through configuration of multiple 16:9 cabinets which are bundled with a power bar, framing, mounting and controller.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic as befits the latest innovation in digital content delivery. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long lasting performance for meeting rooms and signage applications.

Benefits

Significantly lowering your energy usage – the highly efficient Flipchip SMD technology consumes up to 60% less power compared to standard SMD technology at the same brightness output.

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.

SHARP

Specifications

Product Information

Product Name
NEC LED-FE012i3-110

Product Group
Indoor LED 1.2 mm 110" FullHD Bundle

Order Code
L50FE012I3-110

Display

Pixel Configuration
3-in-1 SMD (Black)

LED type
FlipChip SMD (1010)

Screen Size [inch/cm]
110 / 279

Pixel Pitch [mm]
1.2

Aspect Ratio
16:9

Contrast Ratio (typ.)
8000:1

Viewing Angle [°]
170 horizontal / 160 vertical

Brightness (max.) [cd/m²]
700

Dimming Capability
256 levels

Lifetime
100000 hrs (50% brightness)

Colour Processing
16 bit

Colours [Trill.]
281

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
623269

Resolution of Pixel per module [dot]
480 x 270

Resolution of Pixel Card [px]
120 x 135

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]
352 typ. / 608 max.

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

Power Consumption max. [W]
169 per m²

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

Power Consumption max. [BTU]
624 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]
2,444 x 1,475.5 x 73.5

Weight [kg]
182

Regulatory

Safety and Ergonomics
CE; EMC Class B; ETL; FCC; RCM; RoHS; UKCA; VCCI

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; Single Data Receiving Cards; Single Power Supplies

Manufacturer
NEC

Serviceability
Front Service

IP Level
IP20

Warranty
3 years

Material
Aluminum Cabinet

* 110 inch

CE VCCI RCM FCC RoHS

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