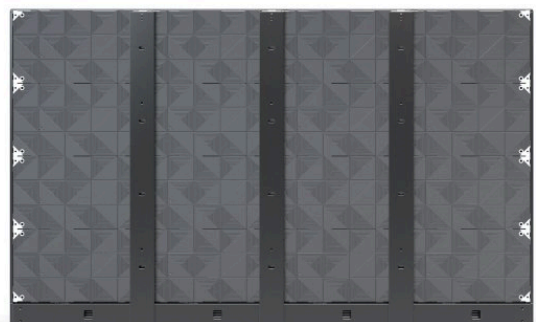


NEC LED-FE012i3-110

Indoor LED 1.2 mm 110" FullHD Bundle

Datasheet



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.

Product Information

Product Name	NEC LED-FE012i3-110
Product Group	Indoor LED 1.2 mm 110" FullHD Bundle
Order Code	81000631

Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	FlipChip SMD (1010)
Screen Size [inch/cm]	110 / 279
Aspect Ratio	16:9
Pixel Pitch [mm]	1.2
Brightness (max.) [cd/m ²]	700
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	8000:1
Viewing Angle [°]	170 horizontal / 160 vertical
Dimming Capability	256 levels
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
Resolution per m ²	623269
Number of Pixel per module [dot]	480 x 270
Number of Pixel per card [dot]	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.
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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

Additional Features

Shipping Content 1x LED Controller; LED Modules (16 Cabinets, 128 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Power Bar; 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

Certifications CE; EMC Class B; ETL; FCC; RCM; RoHS; UKCA; VCCI

Warranty 3 years

Material Aluminum Cabinet

* 110 inch



CE



VCCI



RCM



FCC



RoHS

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