

LED-FE019i2-110  
1.9 mm Indoor LED HD 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 HD, FHD and UHD resolutions are achieved through configuration of multiple 16:9 cabinets which are bundled with a power bar, framing, mounting and controller. With pixel pitches starting from 1.2mm creating a 110" FHD screen, optimum viewing distances from 2m are achieved.

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

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

**Secure performance for demanding applications** - with high-end components and redundant module design with additional power supply and data cards to ensure ongoing operations with a minimal loss of brightness levels.

**Slim design** - with a flush rear profile, LED modules can be integrated very close to the wall with no gap necessary due to minimal 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.

## Product Information

Product Name	LED-FE019i2-110
Product Group	1.9 mm Indoor LED HD Bundle
Order Code	81000027

## Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1010)
Screen Size [inch/cm]	110 / 279
Aspect Ratio	16:9
Pixel Pitch [mm]	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	700
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	160 horizontal / 160 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours	281 trillion
LED Driving Method	1/30 dynamic scan
Frame Rate	50/60 Hz
Refresh Rate [Hz]	< 2880
Colour Temperature [K]	3000 - 9500

## Screen Resolution

Resolution	1280 x 720
Resolution per m <sup>2</sup>	277008
Number of Pixel per module [dot]	320 x 180
Number of Pixel per card [dot]	80 x 90

## 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]	880 typ. / 2000 max.
Power Consumption typ. [W]	275 per m <sup>2</sup> (normal use)
Power Consumption max. [W]	625 per m <sup>2</sup>

## Environmental Conditions

Operating Temperature [°C]	-20 to 40
Operating Humidity [%]	10 to 80

## Mechanical

Dimensions (W x H x D) [mm]	2,432 x 1,488 x 81
Dimensions (W x H x D) [mm] per module	608 x 342 x 50

## Additional Features

Shipping Content	1x LED Controller; Overframe Kit (4x4); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (4x4)
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; ETL; FCC Class A; RoHS
Warranty	2 years

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