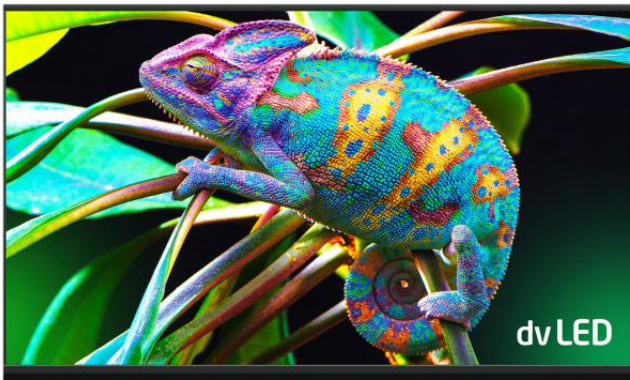


Product Information Sheet  
Indoor LED 1.266 mm 110" FullHD Bundle

## LED-FE012i2-110



### 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 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.

**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 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-FE012i2-110                        |
| Product Group | Indoor LED 1.266 mm 110" FullHD Bundle |
| Order Code    | LED-FE012i2-110                        |

## 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]                       | 1.266                         |
| 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                     | 1/27 dynamic scan             |
| Frame Rate                             | 50/60 Hz                      |
| Refresh Rate [Hz]                      | < 2880                        |
| Colour Temperature [K]                 | 3000 - 9500                   |

## Screen Resolution

|                                  |             |
|----------------------------------|-------------|
| Resolution                       | 1920 x 1080 |
| Resolution per m <sup>2</sup>    | 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] | 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]<br>per module | 608 x 342 x 50     |
| 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) |
| Manufacturer     | NEC   |
| Serviceability   | Front Service   |
| IP Level         | IP20  |
| Certifications   | CCC; CE; ETL; FCC Class A; RoHS;RCM   |
| Warranty         | 3 years conditional warranty  |

**For more information:**

 [nec.com.au](http://nec.com.au)
 [contactus@nec.com.au](mailto:contactus@nec.com.au)
 **131 632**

**Corporate Headquarters (Japan)**  
NEC Corporation  
[www.nec.com](http://www.nec.com)

**Australia**  
NEC Australia Pty Ltd  
[www.nec.com.au](http://www.nec.com.au)

**North America (USA)**  
NEC Corporation of America  
[www.necam.com](http://www.necam.com)

**Asia Pacific (AP)**  
NEC Asia Pacific  
[www.sg.nec.com](http://www.sg.nec.com)

**Europe (EMEA)**  
NEC Enterprise Solutions  
[www.nec-enterprise.com](http://www.nec-enterprise.com)

v.20.01.29 | LED-FE012i2-110

NEC Australia Pty Ltd reserves the right to change product specifications, functions, or features, at any time, without notice. Please refer to your local NEC representatives for further details. Although all efforts have been made to ensure that the contents are correct, NEC shall not be liable for any direct, indirect, consequential or incidental damages resulting from the use of the equipment, manual or any related materials. The information contained herein is the property of NEC Australia Pty Ltd and shall not be reproduced without prior written approval from NEC Australia Pty Ltd.

©2020 NEC Australia Pty Ltd. All rights reserved. NEC and NEC logo are trademarks or registered trademarks of NEC Corporation that may be registered in Japan and other jurisdictions. All other trademarks are the property of their respective owners. All rights reserved. Printed in Australia. Note: This disclaimer also applies to all related documents previously published.

