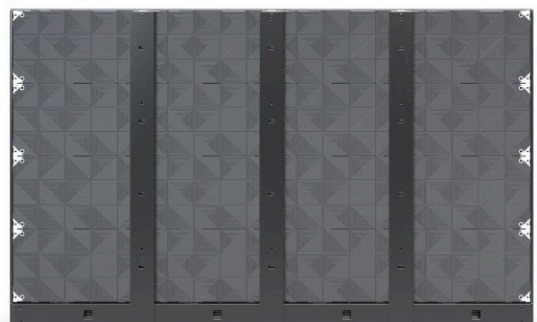


NEC LED-FA009i2-110

0.9 mm Indoor LED QHD Bundle

Datasheet



Extreme visual performance

Delivering extreme levels of visual performance where the finest detail matters the most; Sharp/NEC's 0.9mm super-fine pixel pitch LED FA009i2 modules and bundles offer a premium solution for boardrooms, control rooms, luxury retail environments and simulation.

The super-fine pixel pitch enables configuration of an QHD canvas at a screen size of just 110" for demanding application scenarios where the viewing distance is short and the content requires highly detailed scrutiny.

With an innovative 4-in-1 IMD diode design, reality-like image presentation can be achieved without interruption from bezels or gaps, delivering excellent viewing angles, consistent vibrant colours and superb brightness. Designed with industry-grade quality and redundancy for key components, the FA Series provides a display solution with longevity and unmatched reliability.

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.

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.

Superb readability in bright light environments – high brightness levels of up to 600 cd/m², along with wide viewing angles deliver clear messages to your audience even under varying and demanding ambient conditions.

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.

Product Information

Product Name	NEC LED-FA009i2-110
Product Group	0.9 mm Indoor LED QHD Bundle
Order Code	81000290

Display

Pixel Configuration	4-in-1 IMD (Black)
LED type	IMD (1616)
Screen Size [inch/cm]	110 / 279.4
Aspect Ratio	16:9
Pixel Pitch [mm]	0.95
Brightness (max.) [cd/m²]	600
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	140 horizontal / 140 vertical
Dimming Capability	256 levels
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
Resolution per m²	1108033
Number of Pixel per module [dot]	640 x 360
Number of Pixel per card [dot]	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.
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Power Consumption typ. [W]	380 per m ² (normal use)
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Power Consumption max. [W]	720 per m ²
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Environmental Conditions

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

Dimensions (W x H x D) [mm] per module	608 x 342 x 49
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Dimensions (W x H x D) [mm]	2,472 x 1,489.5 x 82
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Weight [kg]	182
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Additional Features

Shipping Content	2x LED Controller; LED Modules (16 Cabinets, 128 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (4x4)
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Special Characteristics	Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Redundant Data Receiving Cards; Redundant Power Supplies
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Manufacturer	NEC
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Serviceability	Front Service
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IP Level	IP20
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Certifications	CE; ETL; FCC Class A; RoHS
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Warranty	3 years
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Material	Aluminum Cabinet
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* 110 inch

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