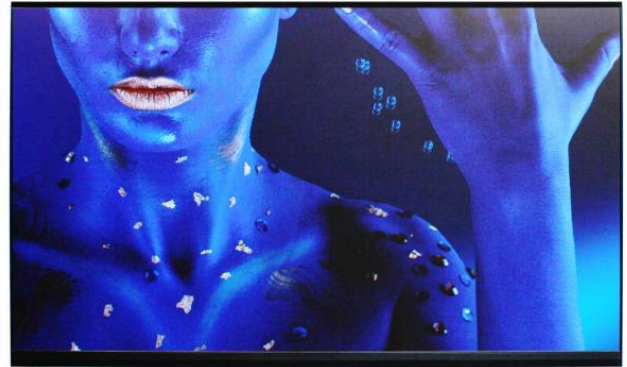


LED-FA009i2-165

Indoor LED 0.95 mm 165" UHD Bundle

Datasheet



Extreme visual performance

Delivering extreme levels of visual performance where the finest detail matters the most; 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 ultra-high-resolution canvas at a screen size of just 165" 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	LED-FA009i2-165
Product Group	Indoor LED 0.95 mm 165" UHD Bundle
Order Code	81000101

Display

Pixel Configuration	4-in-1 IMD (Black)
LED type	IMD (1616)
Screen Size [inch/cm]	165 / 419
Aspect Ratio	16:9
Pixel Pitch [mm]	0.95
Brightness (max.) [cd/m ²]	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	281 trillion
LED Driving Method	1/46 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

Screen Resolution

Resolution	3840 x 2160
Resolution per m ²	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]	2880 typ. / 5400 max.
Power Consumption typ. [W]	380 per m ² (normal use)
Power Consumption max. [W]	720 per m ²

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]	3,688 x 2,173.5 x 82
Weight [kg]	390

Additional Features

Shipping Content	4x LED Controller; LED Modules (36 Cabinets, 288 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (6x6)
Special Characteristics	Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Redundant Data Receiving Cards; Redundant Power Supplies
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; ETL; FCC Class A; RoHS
Warranty	2 years

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