

NEC LED-FE009i2-104

0.9 mm Indoor LED UW-FHD Bundle

Datasheet



Enhanced detail and realism with panoramic view

The ultra-wide format provides more screen space over a stretched single canvas to create an immersive experience.

With 21:9 aspect ratio it is specially designed for panoramic video conferencing layouts or multiple window usage. With its super-fine pixel pitch the Sharp/NEC's LED-FE009i2 modules and bundles offer excellent visual performance and high information density. Configure an ultra-wide FullHD resolution canvas at a screen size of just 104", ideal for meeting rooms, even where viewing distances are short.

By using an innovative 4-in-1 IMD diode design, reality-like image presentation at high resolution and detail can be achieved without interruption from bezels or gaps, delivering excellent viewing angles, consistent vibrant colours and superb brightness.

Sharp/NEC's FE series provides long-lasting quality with industrial-grade power supplies in easy to install, off-the-shelf bundle solutions for safe operation and minimal downtimes.

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 minimal gap necessary due to very low 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	NEC LED-FE009i2-104
Product Group	0.9 mm Indoor LED UW-FHD Bundle
Order Code	81000450

Display

Pixel Configuration	4-in-1 IMD (Black)
LED type	IMD (1616)
Screen Size [inch/cm]	104 / 264
Aspect Ratio	21:9
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 [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 1080
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 DisplayPort; 1 x HDMI
Input Control	1 x GenLock; 1 x LAN

Electrical

Total Power Consumption [W]	960 typ. / 1800 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]	2,472 x 1,066 x 82
Weight [kg]	115.6

Additional Features

Shipping Content	1x LED Controller; LED Modules (12 Cabinets, 96 Pixel Cards); Overframe Kit (4x3); Pixel Card Removal Tool; Spare Parts Kit; Wall mount (4x3)
Special Characteristics	Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Single Data Receiving Cards; Single Power Supplies
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CE; ETL; FCC Class A; RoHS
Warranty	3 years
Material	Aluminum Cabinet

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