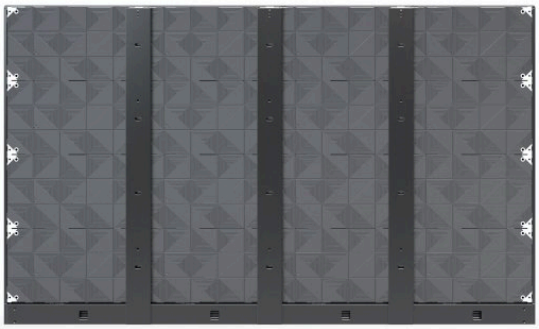
NEC LED-FA019i2-110

1.9 mm Indoor LED HD Bundle

Datasheet





Nothing less than magnificent

For premium large surface visualization, Sharp/NEC’s fine pitch LED FA series bundles provide standard resolution, direct view LED screens for applications in meeting spaces and exclusive signage. With a depth of just 5cm, plus complete internal cabling, the FA series presents a sleek profile for a bezel-free viewing experience. With excellent viewing angles, consistent vibrant colours and superb brightness; the FA series delivers content that gets noticed. Native HD, FHD, UHD and QHD resolutions are achieved through configuration of multiple 16:9 cabinets which are bundled with a power bar, framing, mounting and controller. Designed with high quality components and maintenance access from the front, the FA Series provides a display solution with longevity and good return on investment. The prime solution for boardrooms, auditoria, luxury retail environments and control rooms.

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.

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.

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-FA019i2-110
Product Group	1.9 mm Indoor LED HD Bundle
Order Code	81000175

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/m²]	800
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	5000:1
Viewing Angle [°]	170 horizontal / 170 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours [Trill.]	281
LED Driving Method	1/30 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

Screen Resolution

Resolution	1280 x 720
Resolution per m²	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]	912 typ. / 2000 max.
Power Consumption typ. [W]	275 per m² (normal use)
Power Consumption max. [W]	600 per m²

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 1,489.5 x 82
Weight [kg]	182

Additional Features

Shipping Content	2x LED Controller; Overframe Kit (4x4); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (4x4)
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	CE; ETL; FCC Class A; RoHS
Warranty	3 years
Material	Aluminum Cabinet

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