LED-FA012i2-220

Indoor LED 1.266 mm 220" UHD Bundle

Datasheet



Nothing less than magnificent

For premium large surface visualization, 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 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 at 110'' screen size in FHD resolution, optimum viewing distances from 2m are achieved. 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.

Superb readability in bright light environments – high brightness levels of up to 800 cd/m², along with wide viewing angles deliver clear messages to your audience even under varying and demanding ambient conditions.

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 no gap necessary due to minimal heat emission.

Product Information

Product Name	LED-FA012i2-220
Product Group	Indoor LED 1.266 mm 220" UHD Bundle
Order Code	81000021

Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1010)
Screen Size [inch/cm]	220 / 559
Aspect Ratio	16:9
Pixel Pitch [mm]	1.266
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	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	3840 x 2160
Resolution per m²	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]	3650 typ. / 8000 max.
Power Consumption typ. [W]	285 per m² (normal use)
Power Consumption max. [W]	625 per m²

Environmental Conditions

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

Mechanical

Dimensions (W x H x D) [mm]	4,864 x 2,856 x 81
Dimensions (W x H x D) [mm] per module	608 x 342 x 50
Weight [kg]	660

Additional Features

Shipping Content	2x LED Controller; Overframe Kit (8x8); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (8x8)
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; ETL; FCC Class A; RoHS
Warranty	2 years

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