Product Information Sheet
Indoor LED 1.2 mm Black Face LED Panel

NEC E-Series - LED-E012I

Essential bundles of brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's LED Solution delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's LED Solution provides long lasting NEC quality with industrial-grade power supplies in easy to install.

The entry-level NEC E Series provides cost conscience customers impressive LED imaging without compromising on the service and support expected from the Sharp/NEC brand. The front serviceable design allows easy access and quick maintenance when needed. Boardrooms, auditoriums, retail, and education are just some of the applications where the NEC E series is designed to be integrated. The front serviceable design allows easy access and quick maintenance when needed. NEC offers full planning and design, installation and post installation maintenance support, ensuring you get a custom tailored solution allowing you to focus on what's most important – your business.

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 no gap necessary due to minimal 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	LED-E012I
Product Group	Indoor LED 1.25 mm LED panel

Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD
Panel Size [mm]	600x337.5
Aspect Ratio	16:9
Pixel Pitch [mm]	1.25
Brightness (max.) [cd/m²]	600
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	7000:1
Viewing Angle [°]	160 horizontal / 160 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours	281 trillion
LED Driving Method	1/30 dynamic scan
Frame Rate	50/60 Hz
Refresh Rate [Hz]	< 3840
Colour Temperature [K]	2500 - 1000

Screen Resolution

Resolution	480 x 270
Resolution per m²	640,000
Number of Pixel per module [dot]	240 x 135
Number of Pixel per card [dot]	129,600

Connectivity

Input Video Digital	Novastar
Input Control	Gigabit Ethernet

Electrical

Total Power Consumption [W]	40 typ. / 125 max.
Power Consumption typ. [W]	197 per m² (normal use)
Power Consumption max. [W]	617 per m²

Environmental Conditions

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

Mechanical

Dimensions (W x H x D) [mm]	600 x 337.5 x 29
Dimensions (W x H x D) [mm] per module	300 x 168.75 x 8
Weight [kg]	4.7

Additional Features

Shipping Content	LED Controller; LED Modules; Pixel Card Removal Tool; Spare Parts Kit
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; FCC Class A; RoHS
Warranty	3 years conditional warranty

For more information:

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