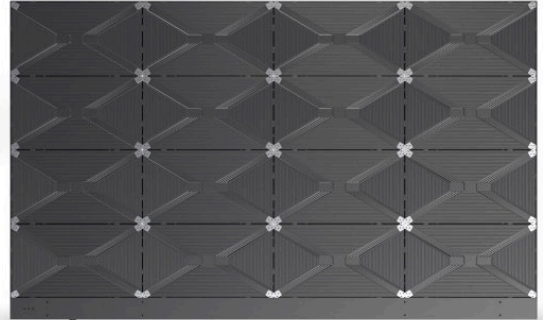


## Datasheet



### Large Image Presentation, Small Budget Preservation

Bringing all the advantages of fine-pitch LED to more cost-conscious applications in corporate meeting rooms and digital signage, the E series lacks nothing in high impact content delivery. The pre-bundled solution includes everything you need to implement large surface visualisation without hindrance from bezels, with superb brightness and high contrast which gets noticed even in areas of high ambient light.

Designed for quick and easy set-up, the product is light weight and super slim for unobtrusive integration either free-standing or wall mounted. Front serviceable, all components are easily accessed for maintenance.

As you would expect from a quality manufacturer, there is no compromise to reliability, longevity and safety in offering this low-cost solution. Consistent with all LED products from Sharp/NEC, the chassis is of metal construction making it suitable for use in public spaces where fire-retardancy is mandatory.

## Benefits

**Trouble-free installation** - for wall mounted or freestanding deployments, the mechanical cabinet design makes installation quick and easy.

**Large scale for perfectly detailed imagery** - completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

**Front serviceable modules** - with front access to the LED modules, maintenance is easy.

**Low-profile integration** - the super slim and light weight modules align with perfection to create a large digital canvas which integrates unobtrusively into any environment.

## Product Information

Product Name	NEC LED-E018i-162
Product Group	Indoor LED 1.8 mm 162" FullHD Bundle
Order Code	81000233

## Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1415)
Screen Size [inch/cm]	162 / 411.5
Aspect Ratio	16:9
Pixel Pitch [mm]	1.8
Brightness (max.) [cd/m <sup>2</sup> ]	800
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	1/60 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

## Screen Resolution

Resolution	1920 x 1080
Resolution per m <sup>2</sup>	284444
Number of Pixel per module [dot]	320 x 180
Number of Pixel per card [dot]	80 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]	1548 typ. / 4500 max.
Power Consumption typ. [W]	212 per m <sup>2</sup> (normal use)
Power Consumption max. [W]	617 per m <sup>2</sup>

## Environmental Conditions

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

## Mechanical

Dimensions (W x H x D) [mm] per module	600 x 337.5 x 29
Dimensions (W x H x D) [mm]	3,612 x 2,131 x 47
Weight [kg]	196.2

## Additional Features

Shipping Content	1x LED Controller; LED Modules (36 Cabinets, 144 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (6x6)
Special Characteristics	Flush Surface 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	2 years
Material	Aluminum Cabinet

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