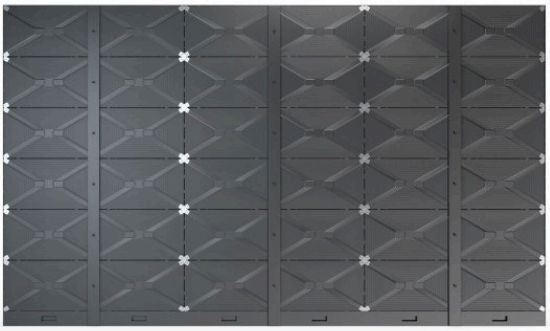
SHARP / NEC

# NEC LED-E018i-162

Indoor LED 1.8 mm 162” FullHD Bundle

# 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.

## 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/m²] | 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 m² | 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 m² (normal use) |
| Power Consumption max. [W] | 617 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 | 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 |

* 162 inch

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