Direct View LED - FullHD Bundle

# Sharp LD-E121-108



## High Impact

- 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.
- Front serviceable modules with front access to the LED modules, maintenance is easy.
- 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.
- Care-free installation with bundled solutions that deliver all you need to get your LED video wall up and running.

# Options

## Warranty Extensions

**Warranty Extension for Direct View LED (3rd, 3rd to 5th year) Optional Warranty Extension (3rd year and 3rd to 5th year) for dedicated Sharp Direct View LED Screen Solutions**
Optional Warranty Extension (3rd year and 3rd to 5th year) for dedicated Sharp Direct View LED Screen Solutions

**Warranty Extension for Direct View LED (4th to 5th year) Optional Warranty Extension (4th to 5th year) for dedicated Sharp Direct View LED Screen Solutions**
Optional Warranty Extension (4th to 5th year) for dedicated Sharp Direct View LED Screen Solutions

## Remote Power Switches

**LED-RPS-CL-R Remote Power Switch**
Remote Power Switch

**LED-RPS-CL-B1 Remote Power Switch (standalone boxed version)**
Remote Power Switch (standalone boxed version)

**LED-RPS-CL-BL1 Remote Power Switch (standalone boxed version - LAN)**
Remote Power Switch (standalone boxed version - LAN)

## Value Added Services

**Installation Service for Direct View LED Optional Installation Service for dedicated Sharp Direct View LED Screen Solutions**
Optional Installation Service for dedicated Sharp Direct View LED Screen Solutions

**Installation Supervision for Direct View LED Optional Installation Supervision Service for dedicated Sharp Direct View LED Screen Solutions**
Optional Installation Supervision Service for dedicated Sharp Direct View LED Screen Solutions

**Site Survey for Direct View LED Optional Site Survey for dedicated Sharp Direct View LED Screen Solutions**
Optional Site Survey for dedicated Sharp Direct View LED Screen Solutions

**On-site Service for Direct View LED Optional On-site Service for dedicated Sharp Direct View LED Screen Solutions**
Optional On-site Service for dedicated Sharp Direct View LED Screen Solutions

**Brightness Calibration Service for Direct View LED Optional Brightness Calibration Service for dedicated Sharp Direct View LED Screen Soluitons**
Optional Brightness Calibration Service for dedicated Sharp Direct View LED Screen Soluitons

**Preventive Maintenance for Direct VIew LED Optional Preventive Maintenance Service for dedicated Sharp Direct View LED Screen Solutions**
Optional Preventive Maintenance Service for dedicated Sharp Direct View LED Screen Solutions

**Pixel Card Service Pack for Direct View LED Optional free of charge Pixel Card Service Pack for dedicated Sharp Direct View LED Screen Solutions**
Optional free of charge Pixel Card Service Pack for dedicated Sharp Direct View LED Screen Solutions

# Specifications

## General

| | |
|---|---|
| Series | [sharp-ld-e-series-indoor] |
| Order Code | LDE121-108,LDE121-108-NP (no powerbar) |

## Display

| | |
|---|---|
| Aspect Ratio | 16:9 |
| Brightness Max. (cd/m²) | 600 |
| Colour Processing | 16 bit |
| Colours (Trill.) | 281 trillion |
| Colour Temperature (K) | 3000 - 9500 |
| Contrast Ratio | 5000:1 |
| Dimming Capability | 256 levels |
| Frame Rate (Hz) | 50/60 |
| LED Driving Method | 1/45 dynamic scan |
| LED Type | SMD (1010) |
| Lifetime (hrs) | 100000 hrs (50% brightness) |
| [AVLEDSpecificationPixelConfiguration] | 3-in-1 SMD (Black) |
| Pixel Pitch (mm) | 1.2 |
| Refresh Rate ≤ (Hz) | 3840 |
| Screen Size (inch) | 108 |
| Screen Size (cm) | 274 |
| Viewing Angle (°) | 170 horizontal / 160 vertical |

## Resolution

| | |
|---|---|
| Number of Pixel Per Card (dot) | 120 x 270 |
| Resolution Per m² | 640000 |
| Number of Pixel Per Module (dot) | 480 x 270 |
| Resolution | 1920 x 1080 |

## Connectivity

| | |
|---|---|
| Input Control | 1 x GenLock, 1 x LAN |
| Input Video Digital (via controller) | 1 x 3G SDI, 1 x DVI-D, 1 x HDMI |

## Electrical

| | |
|---|---|
| Power Consumption Max (BTU/h per m²) | 2099 |
| Power Consumption Typ. Normal Use (BTU/h per m²) | 991 |
| Power Consumption Max (W/m²) | 617 |
| Power Consumption Typ. Normal Use (W/m²) | 291 |
| [AVLEDSpecificationTotalPowerConsumptionTypW] | 944 |
| [AVLEDSpecificationTotalPowerConsumptionMaxW] | 2000 |

## Mechanical

| | |
|---|---|
| Module Width (mm) | 600 |
| Module Height (mm) | 337.5 |
| Module Depth (mm) | 29 |
| Bundle Width (mm) | 2412 |
| Bundle Height (mm) | 1406 |
| Bundle Depth (mm) | 50 |
| Bundle Height excl. Powerbar (mm) | 1362 |
| Weight (kg) | 96.7 |
| Weight excl. Powerbar (kg) | 100 |

## Environmental Conditions

| | |
|---|---|
| Operating Humidity (%) | 10 to 80 |
| Operating Temperature (°C) | -20 to 40 |

## Additional Features

| | |
|---|---|
| Special Characteristics | Flush Surface SMD Design, Single Power Supplies, Single Data Receiving Cards |
| Certifications | FCC Class A, ETL, CE, RoHS |
| Warranty | 2 years |
| Manufacturer | [sharp] |
| Material | Aluminum Cabinet |
| Serviceability | Front Service |
| Shipping Content | Overframe Kit (4x4), Pixel Card Removal Tool, 4 x 4, Powerbar (depending on version), 1x LED Controller, Wall mount (4x4), LED Modules (16 Cabinets, 64 Pixel Cards), Spare Parts Kit |

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