Direct View LED - UHD Bundle

Sharp LD-E121-217



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	LDE121-217,LDE121-217-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)	217
Screen Size (cm)	551.18
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	3840 x 2160

Connectivity

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

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]	3776
[AVLEDSpecificationTotalPowerConsumptionMaxW]	8000

Mechanical

Module Width (mm)	600
Module Height (mm)	337.5
Module Depth (mm)	29
Bundle Width (mm)	4812
Bundle Height (mm)	2756
Bundle Depth (mm)	50
Bundle Height excl. Powerbar (mm)	2712
Weight (kg)	376
Weight excl. Powerbar (kg)	388.3

Environmental Conditions

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

Additional Features

Special Characteristics	Flush Surface SMD Design, Single Data Receiving Cards, Single Power Supplies
Certifications	RoHS, FCC Class A, CE, ETL
Warranty	2 years
Manufacturer	[sharp]
Material	Aluminum Cabinet
Serviceability	Front Service
Shipping Content	Powerbar (depending on version), 1x LED Controller, Pixel Card Removal Tool, Spare Parts Kit, Wall mount (8x8), Overframe Kit (8x8), 8 x 8, LED Modules (64 Cabinets, 256 Pixel Cards)

© 2026 Sharp Display Solutions Europe GmbH. All rights reserved. All product names, company names, logos, trademarks, service marks and registered trademarks are the property of their respective owners. Design, features and specifications are subject to change without notice. Information is believed to be accurate at the time of publication. Errors and omissions excepted. Revision date: 09 July 2026. Sharp LD-E121-217, 15/10/2026