

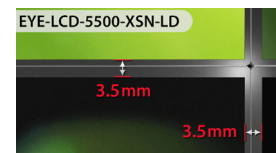


EYE-LCD-5500-XSN-LD

55" EXTREMELY-SUPER-NARROW-BEZEL VIDEO WALL LCD
WITH DIRECT-LED BACKLIGHT

) PRODUCT DESCRIPTION

The new EYE-LCD-5500-XSN-LD represents a new milestone in the fields of LCD technology for video wall applications. Thanks to the extremely slim bezel of the device it is now possible to create video wall setups with an almost invisible mechanical gap of only 3.5mm between the screens in a combined video wall. Perfect display characteristics paired with several new features for the electronics make the new EYE-LCD-5500-XSN-LD a first choice for modern video walls in professional applications.



) NEW FEATURES

▪ 4K Loop-Through

The new internal matrix scaler of the displays enables a loop-through of signals with up to 4K resolution.

▪ Simple Firmware Updates

The firmware of the displays can easily be updated. All displays within a video wall can be updated at once.

▪ Pixel Shifting (adjustable)

Continuous shifting of the entire image in different directions prevents image sticking. At normal viewing distance, this is almost not visible. If required by the application, the shifting area can be adjusted manually.

▪ Dynamic Pixel Refreshing (adjustable)

A special system driving the TFT cells avoids image sticking and increases display lifetime considerably.

▪ Soft Picture Mode (adjustable)

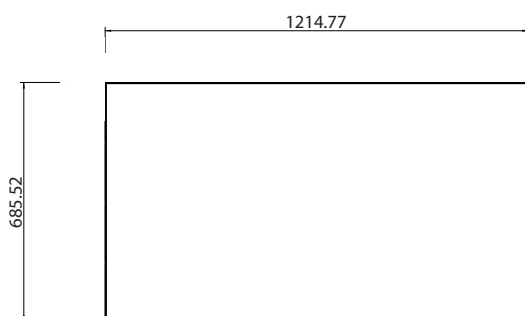
An intelligent scaling mechanism smoothes out extreme contrast transitions. This process avoids the so called boundary line image sticking, which occurs at „sharp“ transitions (e.g. black to white). If required, the degree of „softening“ can be adjusted manually.

▪ Temperature Control System (adjustable)

Active temperature control, monitors the heat level and controls the fans.

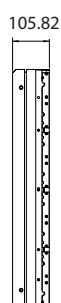


) DRAWING

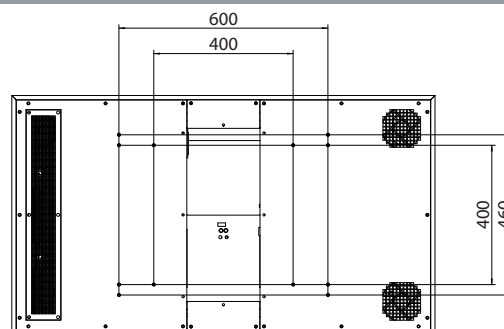


Unit: mm

Front View:



Side View:



Rear View:

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) TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-5500-XSN-LD
Panel Type:	TFT-LCD
Installation:	Landscape/Portrait
Screen Size:	55" (ca. 139 cm)
Active Display Area:	1209.6 × 680.4 mm (W × H)
Display Resolution:	1920 × 1080 Pixel (full HD)
Colours:	16.7 M
Brightness:	700 cd/m ² (typ.)
Contrast:	3500 : 1 (typ.)
Viewing Angle:	178° H/V
Response Time:	8 ms (typ.)
Backlight:	Direct-LED
Backlight Life-Time:	50,000 hours
System MTBF:	50,000 hours
24/7 Operation [®] :	Yes (recommended operation: 20/7)

CONNECTORS & CONTROL

Inputs:	Video, Y/C, DVI-I (digital/analog), HDMI, DisplayPort, RS232
Outputs:	DisplayPort
Internal Matrix:	10 × 10

MECHANICAL

Display:	1214.77 × 685.52 × 105.82 mm (W × H × D)
Bezel Width:	1.2 mm (right/bottom), 2.3 mm (left/top)
Weight:	34 kgs
VESA Mount:	400 × 400, 400 × 600

OPERATING CONDITIONS

Power Consumption:	220W
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Temperature:	typ. 0 - 40 °C
Humidity:	typ. 10-80 % RH (no condensation)

OPTIONS

Front-Service Option:	Full front-service Landscape/Portrait video wall mount
Colour Adjustment:	EYE-LCD-CAS colour adjustment system
Touch:	Infrared touch overlay for video walls up to 200 inch diagonal with up to 32 simultaneous touch points

) THE ADVANTAGES AT A GLANCE

- 55" screen diagonal (ca. 139 cm)
- Full HD resolution (1,920 × 1,080 Pixel)
- Bezel-to-Bezel Width: 3.5 mm
- Direct LED backlight for uniform illumination and brilliant colours
- Optimised power consumption
- Internal matrix function for signals and control
- Robust metal design for demanding applications

) APPLICATIONS

- Control Rooms (e.g. for Video Surveillance)
- Board Rooms
- Show Rooms
- Conference Rooms
- POS/POI
- Trade Fairs / Events
- Trading Rooms

) FRONT-SERVICE OPTION



EYE-WHLCD-FS-LAND (for Landscape Installation)



EYE-WHLCD-FS-POR (for Portrait Installation)

[®]When operated according to the specifications given in the terms and conditions for the use of the product.