



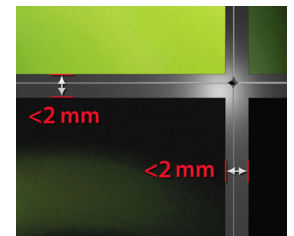
# EYE-LCD-5500-ESN-FX

DIRECT-LED 55" VIDEOWALL LCD  
WITH <2 mm BEZEL AND 700 cd/m<sup>2</sup> BRIGHTNESS



## ) PRODUCT DESCRIPTION

eyevis' new EYE-LCD-5500-ESN-FX represents the latest generation of seamless LCD displays for video wall installations from the eyeLCD series. With a smallest bezel width of less than two millimetres between the images of two neighbouring screens in a video wall, we were again able to reduce the gap to a market leading minimum. The displays provide Full-HD resolution with 1920x1080 pixels, Direct-LED backlight technology and a brightness of 700 cd/m<sup>2</sup>. The displays further feature a non-stick mode to prevent image retention effects through the prolonged display of static image content. These functions can optionally be deactivated.



## ) INNOVATIVE 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.

### ▪ Reliable 24/7 Operation

All components designed for professional use in long-term operation.

### ▪ Durable and Professional Design

All metal structure, sleek & low-key look that makes the content stand out.

### ▪ Landscape or Portrait Installation



### ▪ Non-Stick Mode (can be deactivated optionally)

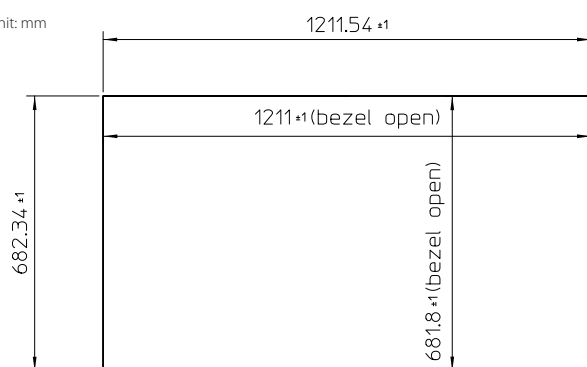
To reduce potential image sticking effects three different mechanisms are built in and can be activated via OSD:

- **Pixel Shifting** constantly moves the entire image by one pixel.
- The intelligent **Soft Picture Mode** smoothens extreme contrast transitions to avoid boundary line image sticking.
- **Dynamic Pixel Refreshing** randomly changes individual pixels for a very short time so that it is not visible for the human eye at all but reduces the risk of image retention through static images considerably.

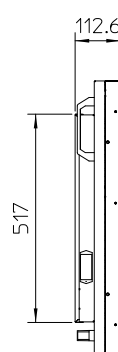
The Non-Stick Mode can be activated for static content and deactivated for motion content.

## ) DRAWING

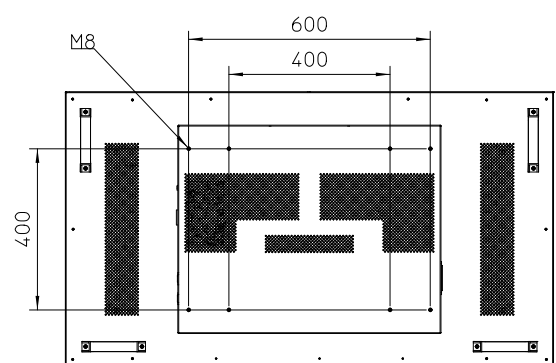
Unit: mm



front view1



sideview left1



rear view1



## EYE-LCD-5500-ESN-FX

DIRECT-LED 55" VIDEOWALL LCD WITH <2 MM BEZEL AND 700 cd/m<sup>2</sup> BRIGHTNESS

### ) TECHNICAL SPECIFICATION

#### LCD PANEL

Model Name:	EYE-LCD-5500-ESN-FX
Panel Type:	LCD IPS-Panel
Screen Diagonal:	55 inch (ca. 139 cm)
Display Resolution:	1920 × 1080 Pixel (full HD)
Active Display Area:	1209.6 × 680.4 mm
Pixel Pitch:	0.630 × 0.630 (H × V)
Display Mode:	Transmissive Mode, Normally Black
Colours:	1.07G (10-Bit Colour Processing)
Brightness:	700 cd/m <sup>2</sup> (typ.)
Contrast:	1200:1 (typ.)
Viewing Angle:	178° H/V
Response Time:	8 ms (typ.)
Backlight:	Direct LED
Installation:	Landscape or Portrait Installation possible
Backlight Life-Time:	> 60.000 hrs (Brightness <50%)
24/7 Operation:	Yes

#### CONNECTORS & CONTROL

Inputs <sup>2</sup> :	Video, Y/C, DVI-I (digital/analog), HDMI, DisplayPort, RS232
Outputs <sup>2</sup> :	DisplayPort, RS232
HDCP Support:	DP & DVI: HDCP 1.2 / HDMI: HDCP 1.4
Internal Matrix:	Yes / 10 × 10

#### MECHANICAL

Dimensions:	1211,5 × 682,3 × 112,6 mm (W × H × D)
Bezel Width:	<2.0 mm (1.8 mm mechanical bezel)
Weight	ca. 30 kg
VESA Mount:	400 × 400 / 400 × 600

#### OPERATING CONDITIONS

Power Consumption:	172 W typ. / max. 245 W
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Temperature:	typ. 0 - 40 °C
Humidity:	typ. 10-80 % RH (no condensation)

#### OTHER

Handling:	4 handles for simple and safe transport and installation
Cooling:	Fanless

#### OPTIONS

Front Service Option:	Full front-service Landscape/Portrait video wall mount
Colour Adjustment:	EYE-LCD-CAS colour adjustment system
Touch:	Custom infrared touch overlay for video walls

#### ORDERING INFORMATION

Article-ID:	23736
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### ) THE ADVANTAGES AT A GLANCE

- 55" screen diagonal (ca. 139 cm)
- Full HD resolution (1,920 × 1,080 Pixel)
- Mechanical Bezel Width: 1.8 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-QR-65-LAND  
for Landscape Installation



EYE-WHLCD-FS-QR-65-POR  
for Portrait Installation

<sup>1</sup> When observing required terms and condition of operation

<sup>2</sup> Possible for signals up to 4K if supported by the signal source/graphic card on output side