



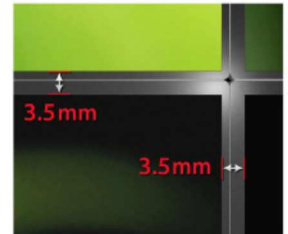
EYE-LCD-4900-XSN-FX

DIRECT-LED 49" VIDEO WALL LCD WITH 3.5mm BEZEL



) PRODUCT DESCRIPTION

The new EYE-LCD-4900-XSN-FX is a 49-inch seamless LCD for modular video wall installations. The devices offer full HD resolution with 1920 × 1080 pixels, direct-LED backlight technology and excellent colour reproduction. Designed specifically for use in video walls, the display features a mere 3.5mm of mechanical bezel width between two displays, while an internal matrix scaler allows intuitive operation of the devices in a video wall. The displays come with special non-sticking functions that prevent burn-in of static image content or so-called image sticking effects in continuous operation. 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 standout.

▪ Landscape or Portrait Installation



▪ Non-Stick Mode (optionally deactivatable)

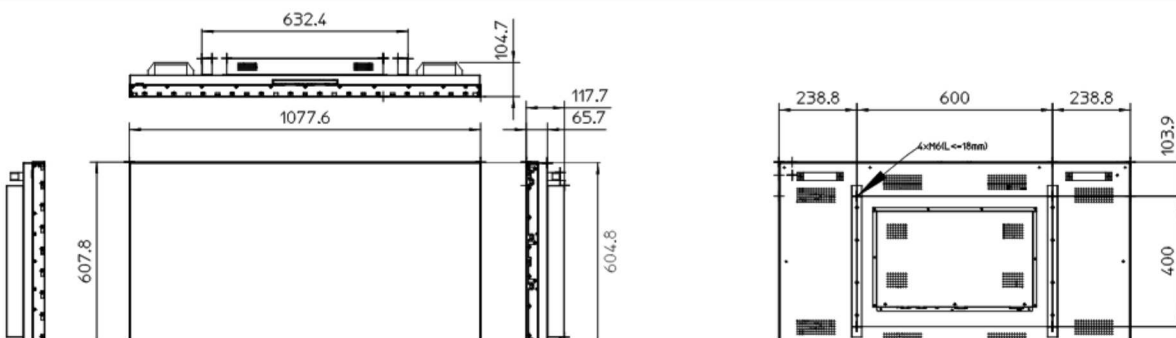
To reduce potential image sticking effects three different mechanisms are built in and can be activated via OSD:

- **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





EYE-LCD-4900-XSN-FX

DIRECT-LED 49" VIDEO WALL LCD WITH 3.5mm BEZEL

TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-4900-XSN-FX
Panel Type:	IPS
Screen Diagonal:	49 inch (ca. 124 cm)
Active Display Area:	1073.8 mm x 604.0 mm (W x H)
Display Resolution:	1920 x 1080 Pixel (full HD)
Display Mode:	Transmissive Mode, Normally Black
Colours:	1.07G (10-Bit Colour Processing)
Brightness:	450 cd/m ² (typ.)
Contrast:	1,300 : 1 (typ.)
Response Time:	8 ms (typ. / Grey-to-Grey)
Viewing Angle:	178° H/V
Installation:	Landscape or Portrait Installation possible
Backlight:	Direct LED (with Local Dimming)
Backlight Life-Time:	> 60,000 hrs (Luminance <50%)
System MTBF:	> 60,000 hrs
24/7 Operation ¹ :	Yes

CONNECTORS & CONTROL

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

MECHANICAL

Dimensions:	1077.6 x 607.8 x 117.7 mm (WxHxD)
Bezel Width:	Bezel-to-Bezel: 1.2 mm bottom/right, 2.3 mm top/left
Weight:	25 kg
VESA Mount:	600 x 400 (H x V)

OPERATING CONDITIONS

Power Consumption:	105 W
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Conditions:	typ. 0 - +40 °C (@ 20-85 % RH, no condensation)
Storage Conditions:	typ. -10 - +40 °C (@ 10-90 % RH, no condensation) typ.)

OTHER

Handling:	Handles for simple and safe transport and installation
Cooling:	Fanless

OPTIONS

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

ORDERING INFORMATION

Article-ID:	25362 -> EYE-LCD-4900-XSN-FX
Availability	Q1/2018

¹ When observing required terms and condition of operation

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

THE ADVANTAGES AT A GLANCE

- 49" screen diagonal (ca. 124 cm)
- Full HD resolution (1,920 x 1,080 Pixel)
- Mechanical 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

FIELDS OF APPLICATION

- Control Rooms
- Board Rooms
- Education
- Conferencing
- POS/POI
- Trade Fairs/Events
- Trading Rooms

OPTIONAL ACCESSORIES

FRONT-SERVICE WALL MOUNT



EYE-WHLCD-FS-QR-65-LAND
for Landscape installations



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

AUTOMATED COLOUR ADJUSTMENT WITH EYE-LCD-CAS

eyevis' Colour Adjustment System is the ideal tool for the alignment of brightness and colour settings of video wall LCDs. The adjustment procedure is fast and simple to perform and basically runs fully automated.

