)eyevis
PERFECT VISUAL SOLUTIONS
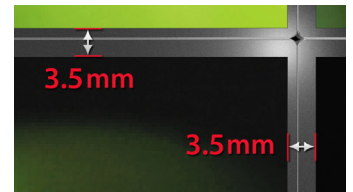
)eyeLCD
EYEVIS LCD LINE

EYE-LCD-4600-XSN-FX-V2

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

) PRODUCT DESCRIPTION

eyevis' new EYE-LCD-4600-XSN-FX-V2 are 46-inch seamless LCD monitors for video wall installations. The displays offer full HD resolution with 1920 × 1080 pixels, Direct-LED backlight technology with a brightness of 700 cd/m² and a bezel width of 3.5mm between two displays. All versions provide the possibility to optionally activate special non-sticking functions that prevent burn-in effects caused by the prolonged representation of static images in continuous operation. Perfect display characteristics paired with several new features for the electronics make the new EYE-LCD-4600-XSN-FX-V2 a first choice for modern video wall applications.

) 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**

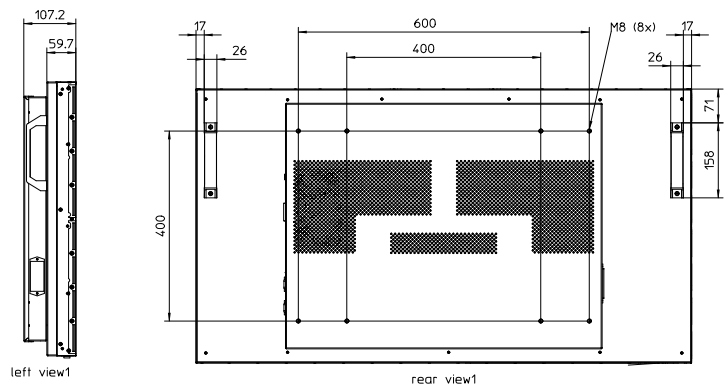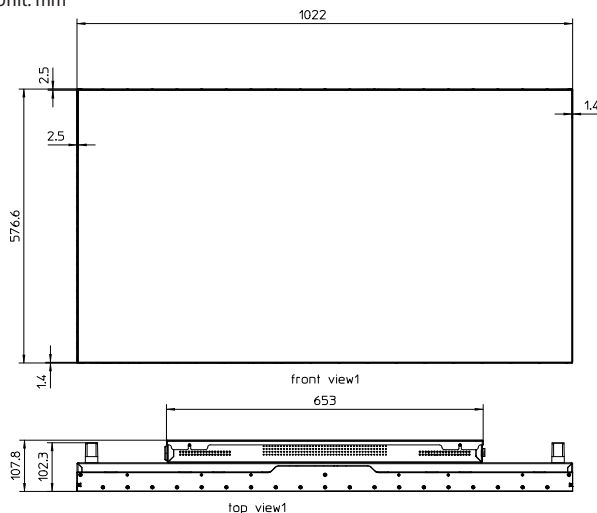- **Non-Stick Mode (optionally activatable)**
  To reduce potential image sticking effects three different mechanisms are built in and can be activated via OSD:
  - **Pixel Shifting** constantly moves the entire image by one pixel.
  - The intelligent **Soft Picture Mode** smoothens extreme contrast 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
left view1
rear view1
top view1

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EYE-LCD-4600-XSN-FX-V2
46" EXTREMELY-SUPER-NARROW-BEZEL VIDEO WALL LCD WITH DIRECT-LED BACKLIGHT

) TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-4600-XSN-FX-V2
Panel Type:	TFT LCD Panel, Anti-Glare (Haze 25%)
Screen Diagonal:	46 inch (ca. 116 cm)
Active Display Area:	1018.08 × 572.67 mm (W × H)
Installation:	Landscape or Portrait Installation possible
Display Resolution:	1920 × 1080 Pixel (full HD)
Colours:	16.7M (8-Bit Colour Processing)
Brightness:	700 cd/m^2 (typ.)
Contrast:	3500:1 (typ.)
Viewing Angle:	178° H/V
Haze Level:	25 %
Response Time:	8 ms
Backlight:	Direct LED
Backlight Life-Time:	> 50,000 hrs (Luminance <50%)
System MTBF:	> 50,000 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 × 10

MECHANICAL

Dimensions:	1022.2 × 576.6 × 107.3 mm (W × H × D)
Bezel Width:	Bezel-to-Bezel: 1.2 mm bottom/right, 2.3 mm top/left
Weight:	ca. 25 kgs
VESA Mount:	400 × 400, 600 × 400 (W × H)

OTHER

Handling:	Handles for simple and safe transport and installation
Cooling:	Fan-Less Cooling Design

OPERATING CONDITIONS

Power Consumption:	ca. 155 Watt
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:	Custom infrared touch overlay for video walls

ORDERING INFORMATION

Article-ID:	24817

[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

- 46" screen diagonal (ca. 116 cm)
- Full HD resolution (1,920 × 1,080 Pixel)
- Bezel Width: 3.5 mm
- Enhanced contrast
- 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