)eyevis
PERFECT VISUAL SOLUTIONS

)eyeLCD
EYEVIS LCD LINE

EYE-LCD-5500-XSN-LD-FX
DIRECT-LED 55" VIDEO WALL LCD WITH 3.5 MM BEZEL AND 500 CD/M²

EYE-LCD-5500-XSN-LD-FX-OPS
DIRECT-LED 55" VIDEO WALL LCD WITH 3.5 MM BEZEL, 500 CD/M² AND OPS-SLOT

EYE-LCD-5500-XSN-LD-FX-700
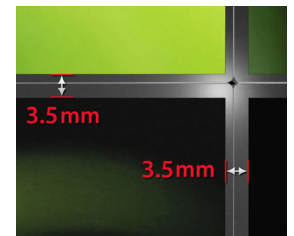DIRECT-LED 55" VIDEO WALL LCD WITH 3.5 MM BEZEL AND 700 CD/M²

EYE-LCD-5500-XSN-LD-FX-700-OPS
DIRECT-LED 55" VIDEO WALL LCD WITH 3.5 MM BEZEL, 700 CD/M² AND OPS-SLOT

) PRODUCT DESCRIPTION

eyevis' new EYE-LCD-5500-XSN-LD-FX|-700|-OPS are 55-inch seamless LCD monitors for video wall installations. The displays offer full HD resolution with 1920 × 1080 pixels, Direct-LED backlight technology and a mechanical bezel width of only 3.5 mm between two displays. The standard FX unit offers a brightness of 500 cd/m², for applications that require more brightness, there is also an alternative variant with 700 cd/m². Both models are also available as OPS versions, which can be equipped with appropriate OPS PCs or extended input options. 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.

3.5mm
3.5mm

) 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**

)eyevis →)eyevis

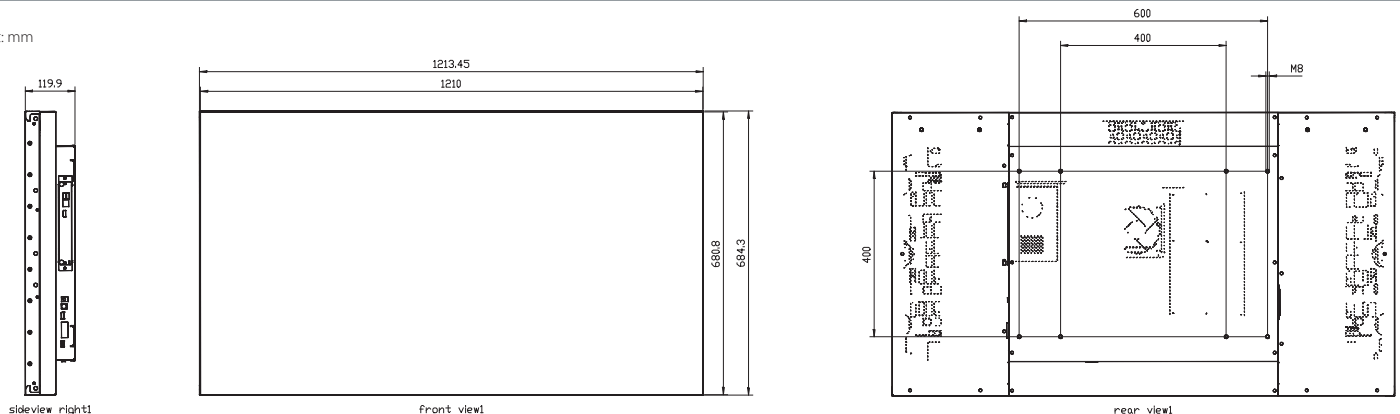- **Non-Stick Mode (optionally activatable)**
  To reduce potential image sticking effects three different mechanisms are built in and can be activated via OSD:
  - **Pixel Shifting** constantly moves the entire image by one pixel.
  - The intelligent **Soft Picture Mode** smoothens extreme contrast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

119.9

1213.45
1210

680.8
684.3

sideview right1

front view1

600
400
M8

400

rear view1

) eyeLCD
EYEVIS LCD LINE

EYE-LCD-5500-XSN-LD-FX | **EYE**-LCD-5500-XSN-LD-FX-OPS | **EYE**-LCD-5500-XSN-LD-FX-700 | **EYE**-LCD-5500-XSN-LD-FX-700-OPS

) TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-5500-XSN-LD-FX	EYE-LCD-5500-XSN-LD-FX-700
Panel Type:	LCD IPS-Panel	
Screen Diagonal:	55 inch (ca. 139 cm)	
Active Display Area:	1209.6 × 680.4 mm	
Installation:	Landscape or Portrait Installation possible	
Display Mode:	Transmissive Mode, Normally Black	
Display Resolution:	1920 × 1080 Pixel (full HD)	
Colours:	1.07G (10-Bit Colour Processing)	
Brightness:	500 cd/m² (typ.)	700 cd/m² (typ.)
Contrast:	1400:1 (typ.)	1200:1 (typ.)
Viewing Angle:	178° H/V	
Response Time:	12 ms	
Backlight:	Direct LED	
Backlight Life-Time:	> 60,000 hrs (Luminance <50%)	
System MTBF:	> 60,000 hrs	
24/7 Operation:	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:	1213.5 × 684.3 × 119.9 mm (W × H × D)
Bezel Width:	Bezel-to-Bezel: 1.25 mm bottom/right, 2.25 mm top/left
Weight	34 kg
VESA Mount:	400 × 400 / 400 × 600

OPERATING CONDITIONS

Power Consumption:	ca. 210 Watt (max.)
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Temperature:	typ. 0 - 40 ℃
Humidity:	typ. 10-80 % RH (no condensation)

OTHER

Handling:	Handles for simple and safe transport and installation
Cooling:	Low-Noise Fans

OPTIONS

OPS Slot:	OPS standardized input slot for OPS-PC and additional inputs
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 Standard Versions:	21321 (EYE-LCD-5500-XSN-LD-FX)	21651 (EYE-LCD-5500-XSN-LD-FX-700)
Article-ID OPS Versions[3]:	22028 (EYE-LCD-5500-XSN-LD-FX-OPS)	22029 (EYE-LCD-5500-XSN-LD-FX-700-OPS)

[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

[3] OPS conform accessories (PC/EPU, input options) to be ordered separately.

) EYEVIS PROCESSING UNIT (EPU)

EPU-Wall, the flexible and cost-efficient solution for the integration and operation of IP-based video wall installations and display networks for **Control Rooms** and **Digital Signage Networks**. EPU-Wall is a first choice wherever signals are transmitted over IP-networks. Controlled from a central location in the network it is possible to distribute all streams available in the network to individual displays or video walls within a few clicks.

) TECHNICAL SPECIFICATIONS EPU (OPTIONAL)

Model:	EPU-CE-32-8-x-1	EPU-i5-32-8-x-1
CPU Support:	Intel® Celeron® Processor J1900 Quad Core 2.0GHz SoC Processor (fanless)	4th Generation Intel® Core™ i5-4400E BGA Processor
Main Memory:	8GB DDR3L 1333MHz, unbuffered und non-ECC	
I/O Interface-Front:	1× Power on/off / 1× Reset Button / 3× USB 3.0 / 1× USB2.0 / 1× RJ45 for Gigabit LAN / 1× HDMI / 1× Audio (Line-Out/ Mic-In) / 1× 2.5" HDD Slot	1× Power on/off / 1× Reset Button / 4× USB3.0 / 1× RJ45 for Gigabit LAN / 1× HDMI / 1× Audio (Line-Out/ Mic-In) / 1× 2.5" HDD Slot / 1× RJ45 for RS-232
Storage Device:	1× 2.5" SSD, 32GB, SATA	
Operating System:	Windows 7 Embedded for EPU-Wall, Windows 7 Ultimate for Embedded Systems	

ORDERING INFORMATION

Article-ID::	20194 -> EPU-CE-32-8-E-1 -> EPU with Win 7 Ultimate for Embedded Systems	20197 -> EPU-I5-32-8-E-1 -> EPU with Win 7 Ultimate for Embedded Systems
	20195 -> EPU-CE-32-8-M-1 -> EPU with Win 7 Embedded for EPU-Wall	20198 -> EPU-I5-32-8-M-1 -> EPU with Win 7 Embedded for EPU-Wall

) OPTIONAL ACCESSORIES

OPS PC (EYEVIS PROCESSING UNIT)
- OPS-standard compliant eyevisProcessingUnits (EPU) can be used as digital signage players or to integrate the display device in eyevis' unique EPU-Wall concept for IP-based signal distribution and control

HD BASE T MODULE (OPS-SLOT COMPATIBLE)
- Use of Cat5e/Cat6 Ethernet cable with standard RJ-45 connector for video/audio/control/power transmission.

3G-SDI MODULE (OPS-SLOT COMPATIBLE)
- Internal 3G/HD/SD-SDI Board
- Supported 3G formats (SMPTE 424M) 1080p@50/60Hz
- Looping out to other display

FRONT-SERVICE WALL MOUNT

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

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