)eyevis

)eyeLCD
EYEVIS LCD LINE

EYE-LCD-5500-M-USN-LD

55" VIDEO WALL LCD WITH DIRECT-LED BACKLIGHT

EYE-LCD-5500-M-USN-LD
55" Direct-LED Video Wall LCD
Full HD Resolution

) PRODUCT DESCRIPTION

The EYE-LCD-5500-M-USN-LD is an ultra-super narrow bezel lc display for video wall applications especially designed for video wall installations in rental applications but also suitable for fixed installations. The displays provide full HD resolution (1920 × 1080 px) on a 55" (139 cm) screen and Direct-LED backlight technology. High definition image quality, high contrast, best brightness and the super narrow bezel are the main features of the new display type. Thanks to their super narrow bezels, the gap inbetween two displays in a video wall could once again be recuced to a minimum of only 5.7mm.

EYE-LCD-5500-USN-FX-LD
5.3 mm
5.3 mm
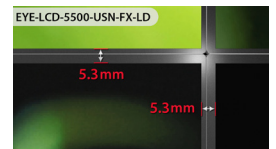
) THE ADVANTAGES AT A GLANCE

- 55" screen diagonal (ca. 139 cm)
- Full HD resolution (1,920 x 1,080 Pixel)
- Gap Active-to-Active: 5.7 mm
- Direct LED backlight for uniform illumination and brilliant colours
- Optimized power consumption
- Internal matrix function up to 10x10 displays
- Robust metal design for sophisticated applications

) DIRECT LED BACKLIGHT

Previous super narrow bezel displays with conventional CCFL backlight technology are likely to show hot spot effects in the centre of the displays because the edges are less illuminated than the rest of the screen. In order to achieve a uniform illumination of the entire screen, eyevis provides its new EYE-LCD-5500-M-USN-LD with direct-LED backlight. Thanks to the new backlight illumination technology, the display provides very homogeneous images.
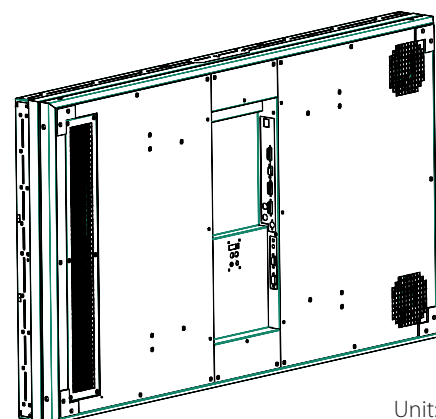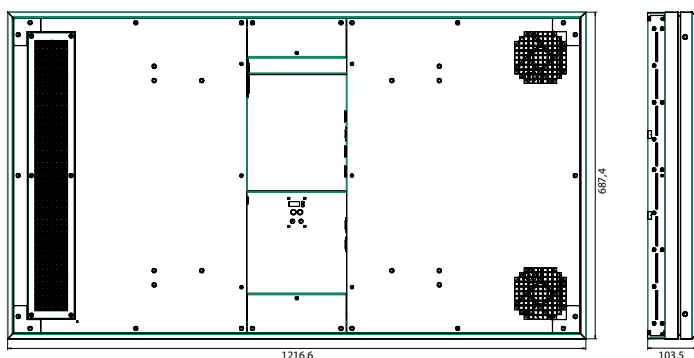
) IMAGES

Front View

Rear View

Application

) DRAWING

687,4

1216,6

103,5

Unit: mm

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EYE-LCD-5500-M-USN-LD
55" VIDEO WALL LCD WITH DIRECT-LED BACKLIGHT

) TECHNICAL SPECIFICATION

LCD PANEL

Model Name:	EYE-LCD-5500-M-USN-LD
Panel Type:	SPVA E-DID
Installation:	Landscape/Portrait
Screen Size:	55" (ca.139 cm)
Active Display Area:	1209.6 × 680,.mm (W × H)
Display Resolution:	1920 × 1080 Pixel (full HD)
Colours:	16.7 M.
Brightness:	700 cd/m²
Contrast:	3500:1
Viewing Angle:	178° H/V
Response Time:	8 ms
Backlight:	Direct LED
Backlight Life-Time:	> 50,000 hours (brightness < 50%)
System MTBF:	> 70,000 hours
24/7 Operation[①]:	Yes (recommended operation 20/7)

CONNECTORS & CONTROL

Inputs:	Power Supply 100-250V 50/60Hz 2× DVI IN (DVI) / 2× RGB IN (HD15 + DVI) / 2× Composite Video (BNC) / 1× S-Video (Mini-DIN 4pol) / 1× IR (Mini Jack 2.5 mm) / 1× RS232
Outputs:	1× DVI-D / 1× RS232
Internal Matrix:	Yes / 10 × 10

MECHANICAL

Dimensions Display:	1216 × 687 × 106.5 mm (W × H × D)
with Stacking Frame:	1216 × 687 × 234.5 mm
Bezel Width:	1.8 mm bottom/right, 3.7 mm top/left (subject to vary within mechanical tolerances of the panels)
Weight:	36 kgs (Display) / 52 kgs (Display + Stacking Frame)
VESA Mount:	400 × 400 / 400 × 600

OPERATING CONDITIONS

Power Consumption:	ca. 200 Watt (typ.)
Input Voltage:	100V – 240V AC, 50/60 Hz
Operating Temperature:	typ. 0 - 40 °C
Humidity:	typ. 20-80 % RH (no condensation)

OTHER

Handling:	Pair of handles for safe transport and installation
Ventilation:	Low noise fans

OPTIONS

|	
Front-Service Option:	Front-service Landscape/Portrait video wall mount
Colour Adjustment:	EYE-LCD-CAS colour adjustment system
Broadcast Version:	BC-Version with special Broadcast-Scaler with corresponding signal inputs/outputs. Optionally optimised for 3200K display.
Touch:	Infrared touch system for video walls up to 200" diagonal with up to 32 simultaneous touch points

) APPLICATIONS

- control rooms (e.g. for video surveillance)
- boardrooms
- show rooms
- conference rooms
- POS/POI
- trade fairs / events
- trading rooms

) APPLICATIONS

- almost unlimited number of cascadable displays
- „frameless" design, minimal gaps
- optimized for video walls (profile frame, ventilation system, etc.)
- robust metal design
- best image quality
- uniform images thanks to direct LED backlight
- optional with sensor-based colour adjustment system for lcd video walls (EYE-LCD-CAS)

) STACKING FRAME

Ventilation Channel
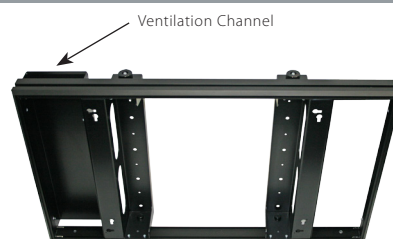
EYE-FRAME-5500-M-USN-LD

) FRONT-SERVICE OPTION

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

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

[①]Electronic components designed for 24/7 operation. Prolonged display of static image contents may affect the display quality of the device. These effects do not affect the functionality of the device and are therefore not considered as defects in terms of our warranty conditions.