) **EYE**-LCD-5500-M-USN-LD

eyevis LCD Series

) PRODUCT DESCRIPTION

With the EYE-LCD-5500-M-USN-LD, eyevis presents the latest super narrow bezel lc display for video wall applications. The new display provides full HD resolution (1920 x 1080 px) on a 55" (139 cm) screen. 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 slim design **the resulting gap between the images of two neighbouring displays is only 5.7 mm wide.**

) 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

) ULTRA SUPER NARROW BEZEL

EYE-LCD-5500-M-USN-LD

5,7 mm

5,7 mm

) 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.
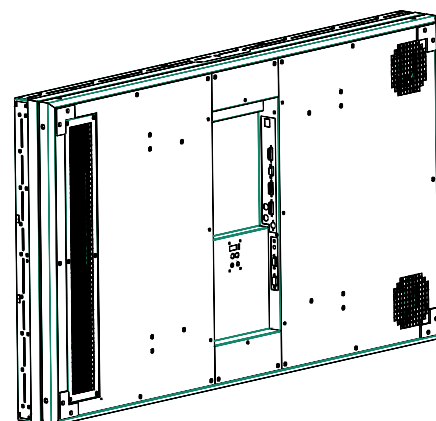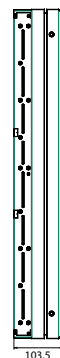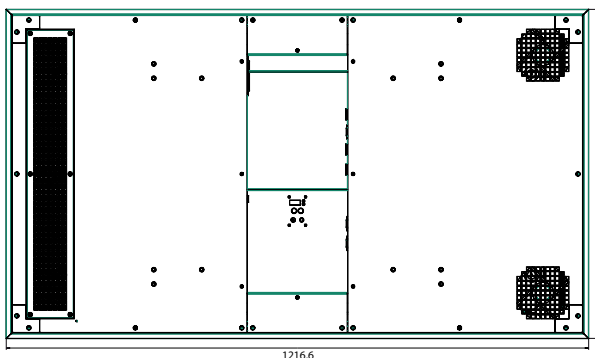
) IMAGES

Front View

Rear View

Application

) DRAWING

687,4

1216,6

103,5

) EYE-LCD-5500-M-USN-LD

) eyevis
PERFECT VISUAL SOLUTIONS

) TECHNICAL SPECIFICATIONS

) LCD Panel

Model Name:	EYE-LCD-5500-M-USN-LD
Panel Type:	SPVA E-DID
Installation:	Landscape/Portrait
Screen Size:	55" (ca.139 cm)
Display Resolution:	1,920 x 1,080 Pixel (full HD)
Pixel Pitch:	0.630 x 0.630 mm (W×H)
Colours:	ca. 16.7 M
Brightness:	700 cd/m²
Contrast:	3,500 : 1
Viewing Angle:	178° H/V
Backlight:	Direct LED
Backlight Life-Time:	> 50,000 hrs (Luminance < 50%)
System MTBF:	> 100,000 hrs

) Connectors

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

) Mechanical

Display w/o Stacking Frame with Stacking Frame	1216 x 687 x 106.5 mm (W x H x D) 1216 x 687 x 234.5 mm
Bezel Width:	1.8 mm bottom/right, 3.7 mm top/left (mechanical) (Active-to-Active: 5.7 mm)
Weight Display: Display + Stacking Frame:	36 kgs 52 kgs

) Operating Conditions

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

) Options

Front-Service Option:	Special mechanism allowing front access to the displays. Individual modules can be dismantled even in the centre of modular video walls.
VESA Mount:	400 x 400 mm / 600 x 400 mm
Ambient Light Sensor:	Auto-adjustment to ambient light conditions
Colour Adjustment:	Colour calibration tool with external colour sensorEYE-LCD-CAS colour adjustment system for eyevis LCD Displays from the M-Series
Broadcast Version:	**EYE-LCD-5500-M-USN-LD-BC** with: Colour calibration functionality and 2x DVI / 3x FBAS or 1x Component RGB / 1x Y/C / 1x HD-SDI/3G (optional 2x) / 1x VGA / 1x RS232 / 1x HD-SDI Out (loop-through)
Touch	Optical infrared touch overlay for video walls up to 200 inch 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

) FEATURES

) 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 FOR SN-VERSIONS

Special Ventilation Duct

EYE-FRAME-5500-M-USN-LD

) FRONT-SERVICE OPTION

EYE-WHLCD-FS