



# ) EYE-LCD5500

eyevis LCD Series

## ) DESCRIPTION

The new EYE-LCD5500 HD LC display by eyevis has a screen diagonal of 55" and full HD resolution. The display is especially designed for ambitious applications in professional areas.

The display offers brilliant colour, brightness and contrast qualities combined with a pin-sharp 1920 x 1080 pixel resolution that meets the demands towards modern visual solutions. Especially in control rooms, boardrooms and meeting rooms these are indispensable characteristics. Thanks to the adjustable colour temperature setting the display offers high performance images in almost every ambient light condition.



## ) ADJUSTABLE COLOUR TEMPERATURE

Sometimes varying ambient light conditions, for example in tv studios, make an adjustment of the colour temperature necessary to avoid unwanted effects on the produced pictures. For these applications the eyevis TFT displays offer an adjustable colour temperature. The colour temperature can be set to 3200K, 5400K, 6500K or 9300K. Additional user-specific adjustments can be done with the R, G and B sliders.



## ) PiP- AND PaP-FUNCTION

The PiP and PaP functionality allow to show any two connected sources simultaneously on the display. Either next to each other or as an embedded image. The displayed images are editable in position and size.

## ) FRAMELOCK AND GENLOCK

The new EYE-LCD5500 provides frame lock- and genlock-ability. I.e. the device automatically locks to the frequency of the connected signal source. This avoids frame rate conversions and judder, and enables a smooth and brilliant display performance of the connected data and video sources. The genlock-ability avoids a phase shift in cases where, e.g., a studio camera is connected to the display. (In combination with the eyevis controller as option.)

## ) BLACK-LEVEL ADJUSTMENT

A perfectly balanced picture can be achieved with the adjustment of the black level of the analog input (VGA).

# ) EYE-LCD5500

## ) TECHNICAL SPECIFICATION

### LC Panel

Brightness	500 cd/m <sup>2</sup>
Contrast Ratio	5000:1
Viewing Angle	H: 176° / V: 176°
Response Time	4.5 ms (GTG)
Colours	16.7 Mio.
Display Resolution	1920 x 1080 (16:9)
Frame Rate	120 Hz

### Signals & Connectors

Horizontal / Vertical Frequency	30 ~ 90KHz / 56 ~ 75 Hz
Connectors	HDMI 1.3c x 4 / Component x2 / Video x2 / S-Video / RGB / S-PDIF / RS232 / Audio Out
Video	480i / 480p / 720p / 1080i / 1080p
RGB	VGA / XGA / SVGA
Communication Port	D-Sub 9 Pin In, RJ45 In/Out (RS232C In/Out)

### Dimensions & Weight

Dimensions (w/o stand)	1310 x 780 x 141 mm (W x H x D)
Weight	ca. 50 kg
Wallmount	VESA 200x200 mm / 200x600 mm

### OSD Functions

OSD Control	RS232C, push buttons, IR remote control
OSD Languages	English, Chinese
Multimedia	PiP (Picture-in-Picture), PaP (Picture-and-Picture), Zoom
Source Auto Detect	Yes

### Electrical

Input Voltage	AC 100V ~ 240 V (50/60 Hz)
Power Consumption	300 W (typ.)

### Options

	- External Speakers
	- Protected surface (tempered glass)
	- Different wall mount solutions and stands

## ) FEATURES

### ) High Resolution

Full-HD 1080p (1920 x 1080 px)

### ) Wide Viewing Angle

176° horizontal and vertical

### ) Outstanding Colours

10 Bit colour level, supports 1G colours, 72% NTSC colour saturation

### ) Perfect Display of Moving Images

120 Hz frame rate  
4.5 ms LCD response time

### ) Connectors

HDMI 1.3c x 4 inputs with HDCP  
S-PDIF digital audio out  
RS232 communication port

### ) Complete Adjustment Possibilities

Supports customized colour adjustment

### ) Image Noise Reduction Technology

Dynamic noise reduction  
MPEG noise reduction

### ) Image Retention Free

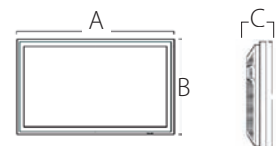
IRFM technology prevents image sticking from happening

Dimensions:

A: 1310 mm

B: 780 mm

C: 141 mm



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