

## **EYE-LCD5600**

**eyevis TFT LCD Series**

The **EYE-LCD5600** is the latest HD LCD display from the eyevis TFT LCD series. The new display offers a screen diagonal of 56". The displays has been especially designed for ambitious applications in professional areas.

The display offer brilliant colour, brightness and contrast qualities combined with a pin-sharp 3840 x 2160 pixel resolution that meets the demands towards modern visual solutions. Especially in control rooms, boardrooms and meeting rooms these are indispensable characteristics. Due to the adjustable colour temperature setting the displays offer high performance images in almost every ambient light condition.



### **Advantages of eyevis LCDs:**

- High contrast, even in high ambient light conditions
- High native picture resolution (3840 x 2160 pixel)
- PiP (Picture-in-Picture) and PaP (Picture-and-Picture)
- Frame lock
- Accepts 1080p x4 signals
- low operating costs, due to low energy consumption and long lifetime concept

eyevis LCD displays offer their users a wide range of functionalities and advantages:

### **Adjustable Colour Temperature**

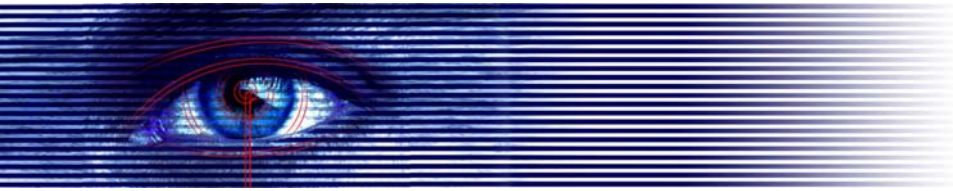
Sometimes varying ambient light conditions, for example in tv studios, make an adjustment of the colour temperature necessary to avoid unwanted effects on the produced pictures. For these applications the eyevis TFT displays offer an adjustable colour temperature. The colour temperature can be set to 3200K, 5400K, 6500K or 9400K. Additional user-specific adjustments can be done with the R, G and B sliders.

### **Picture-in-Picture / Picture-and-Picture**

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 freely scalable in position and size.

### **Frame Lock and Genlock**

The new EYE-LCD4200 and EYE-LCD4700 provide 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)



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### **Ultra-high Image Resolution**

The EYE-LCD5600 display has an image resolution of 3840 x 2160 pixel. This allows the user to display the data information he wants to have on his display in pen-sharp and brilliant quality. Of course, the display fulfils the HD resolution standards and offers the perfect screen for high definition video signals.

### **Very Fast Response Time**

Due to their fast response time eyevis LCD displays produce homogenous and fast-moving pictures in high definition quality.



### **Optimal Visibility**

The remarkable wide viewing angle of eyevis LCD displays make them the perfect device for boardrooms or meeting areas where every participant should be able to view the relevant information.

### **High Efficiency**

All included components were selected for their high efficiency. Automatic stand-by and the fan-less design do not save energy, they also increase the ergonomic quality of the device.

### **eyevis LCD displays are easy to install:**

The VESA mounting structure of eyevis LCD displays allows an easy wall or ceiling installation with any VESA approved standard.

Optionally, table stands and mounting devices can be ordered at eyevis.

### **eyevis LCD displays are easy to control:**

eyevis LCD displays come with various control and diagnostic functions. Through RS232 the EYE-LCD can be easily controlled on or off side and in real time.

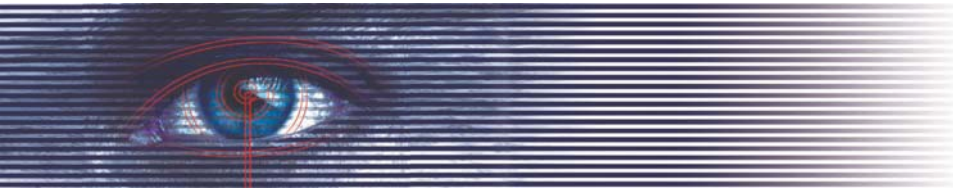
### **eyevis LCD displays are easy to connect:**

The new EYE-LCD5600 display provides two standard digital DVI inputs, other input options are also available.

In addition, eyevis offers an optional HD-SDI input board for its LCD series, which contains more connector types, so there is no need for any adapters.

### **eyevis displays can be used in a chain:**

The RS232 loop-through allows the displays to function and to be controlled in a row (on/off, brightness, contrast) from a single operator place or work station.

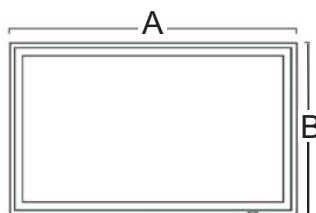


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Technical Specifications:	
<b>LCD Panel</b>	
<i>Technology</i>	TFT LCD
<i>Native Resolution</i>	3.840 x 2.160 (double HD)
<i>Backlight Lifetime</i>	60 000 h average
<b>Visual Characteristics</b>	
<i>Colours</i>	16.8 million
<i>Aspect Ratio</i>	16:9
<i>Viewing Angle</i>	176° / 176°
<i>Response Time</i>	6.5 ms
<i>Colour Adjustment</i>	3200K, 5400K, 6500K, User
<i>Contrast Ratio</i>	1200 : 1
<i>Brightness</i>	500 cd/m <sup>2</sup>
<i>Light sensor</i>	Ambient light sensor for automatic dimming (optional)
<b>Connectivity &amp; Control</b>	
<i>Standard Inputs</i>	2 x Digital DVI
<i>Optional Inputs</i>	<ul style="list-style-type: none"> <li>• 4 x Digital DVI or</li> <li>• LVDS Panel =&gt; DVI, VGA, Video, LAN, OSD Control, RS232</li> </ul>
<i>Supported Resolutions</i>	PAL/NTSC Video, 720 i/p, 1080i/p, XGA, WXGA, SXGA, SXGA+, UXGA, HDV (1440 x 1080p), Full HD (1920 x 1080p). Double HD (3840 x 2180)
<i>Control</i>	<ul style="list-style-type: none"> <li>• On-Screen-Display (OSD)</li> <li>• IR remote control</li> <li>• RS232 control (with loop-through)</li> </ul>
<b>Power Supply</b>	
<i>Input</i>	AC 100 V - 240 V (+/-10%) 50 Hz - 60 Hz
<i>Power Consumption</i>	550 W (Stand-by 20 W)
<b>Operating Conditions</b>	
<i>Temperature</i>	5 - 40 °C (41 - 104 °F)
<i>Humidity</i>	max. 80%
<b>Approval</b>	
<i>Regulation Compliance</i>	CE, UL
<b>Mechanical Characteristics</b>	
<i>Cooling</i>	Low noise level / fanless cooling
<i>Hanging</i>	VESA MIS F, 600, 200, 8 (mounts and table stands are optional)
<i>Active Screen Diagonal</i>	56" (1422 mm)
<i>Active Screen Area</i>	1224 x 729 mm
<i>Dimensions (WxHxD)</i>	1341 x 798 x 130 mm
<i>Weight</i>	55 kg

A: 134,1 cm (52.8 in)  
B: 79,8 cm (31.4 in)  
C: 13,0 cm (5.1 in)



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