



## ) EYE-LCD4200 & 4700

eyevis LCD Series

### ) PRODUCT DESCRIPTION

**The new HD LCD displays by eyevis are available in screen diagonals of 42" and 47". The displays were especially designed for ambitious applications in professional areas.**

The displays offer 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. Due to the adjustable colour temperature setting the displays offer 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-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.)

### ) BLACK-LEVEL ADJUSTMENT

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



### ) ADVANTAGES OF EYEVIS LCDs

- High contrast, even in high ambient light conditions
- High native picture resolution (1920 x 1080 pixel)
- PiP (Picture-in-Picture) and PaP (Picture-and-Picture)
- Frame lock
- Accepts 1080p signals
- Low operating costs, due to low energy consumption and long lifetime concept
- Easy to install thanks to VESA mounting standards
- Mounting space for embedded PC/Player on the back

# ) EYE-LCD4200 ) EYE-LCD4700



eyevis LCD Series

## ) TECHNICAL SPECIFICATIONS

### ) LCD Panel

Technology	TFT LCD	
Native Resolution	1.920 x 1.080 (voll HD)	
Backlight Lifetime	50 000 Std. (average, to the loss of 50% of the original brightness)	

### ) Visual Characteristics

Colours	16.7 M	
Aspect Ratio	16:9	
Viewing Angle H/V	176° / 176°	
Response Time	42": 6.5 ms	47": 6.5 ms
Colour Settings	3200K, 5400K, 6500K, 9300K, User	
Contrast	42": 4000 : 1	47": 4000:1
Brightness	42": 400 cd/m <sup>2</sup>	47": 450 cd/m <sup>2</sup>
Light Sensor	Ambient light sensor for automatic dimming (optional)	

### ) Connections & Control

Standard Inputs	DVI, VGA (D15), S-Video, Composite Video, Component Video (YPbPr, YCbCr)	
Supported Resolutions	PAL/Secam/NTSC Video, 720 i/p, 1080i/p, XGA, WXGA, SXGA, SXGA+, UXGA, HDV (1440 x 1080p), Full HD (1920 x 1080p)	
Control	RS232 Control (with loop-through function) / On-Screen-Display (OSD) / IR Remote Control	

### ) Power Supply

Input Voltage	AC 100 V ~ 240 V (50/60 Hz)	
Power Consumption	42": ≤ 231 W	47": ≤ 300 W

### ) Operating Conditions

Temperature	5 - 40 °C (41 - 104 °F)	
Humidity	max. 85%	

### ) Approval

Regulation Compliance	CE, UL, FCC, TÜV (EN/IEC 60950-1), RoHS Compliance	
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### ) Mechanical Characteristics

Cooling	Low noise level / fanless cooling	
Hanging	VESA MIS F, 600, 200, 8 (mounts and table stands are optionally available)	
Active Screen Diagonal	42": 1067 mm	47": 1194 mm
Active Screen Area	42": 934 x 527 mm	47": 1044 x 590 mm
Dimensions (WxHxD)	42": 1022.2 x 615.2 x 124.4 mm	47": 1139 x 684.4 x 132.7 mm
Weight (w/o stand)	42": 30 kg	47": 40 kg

### ) Options

Inputs	HD-SDi In x 2, Out x 1 (BNC)	
Audio	Speakers / integrated audio amplifier (Audio in & Speaker out)	
Installation	Different wall mounts and stands available on request	
Protective Surface	4mm tempered glass	
Touch Control	Optical Touch Control Surface	



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As at: August 2010 • Subject to change!  
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