

## EYE-LCD4000M/W & 4600M/W

With the new display versions EYE-LCD4000M/W and EYE-LCD4600M/W eyevis offers a revolutionary TFT-LCD-based technology. Best image quality, high contrast, high brightness and high resolution are the main features of these new display modules. The displays are available with 40" and 46" screen diagonals.

These new TFT-LCD screens are cascadable, i.e. they can be combined to build up a large screen wall. The gaps in-between the individual display modules will be tighter than ever before.

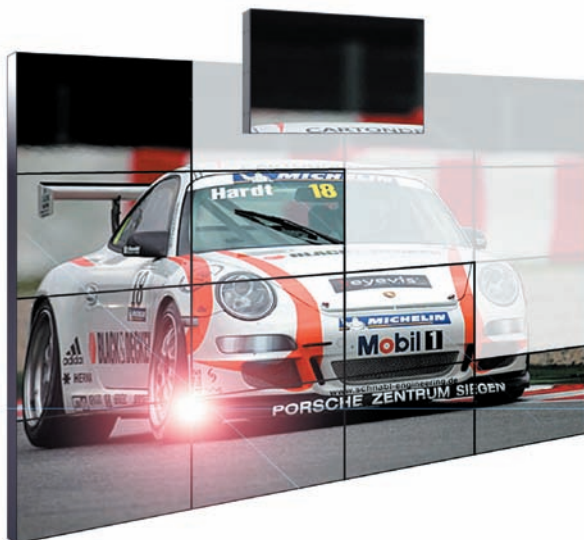
This possibility for a large screen construction is absolutely unique in the fields of large screen visualisations. Thanks to the narrow bezel of the displays, the gap between the modules measures only 28 mm (30 mm with 46"), so we can almost speak of "frameless". Other available TFT-LCD displays have a bezel of at least 45mm. Because the gaps between those displays were very broad, they were hardly ever used for large screen walls. eyevis reduced the bezel of its new TFT displays to a minimum.

In contrast to plasma displays, which are also available in frameless versions, you do not have the imminent danger of "burn-in" effects with our TFTs. Already after a short representation of a static image these effects occur on plasma displays and cause irreparable damages to the screen. These effects do not happen to TFT screens that easy.

Of course, the EYE-LCD4000M/W and 4600M/W have the ultra-thin and slim design that is typical for TFT-LCD displays. This allows their flexible installation in almost every area of application.

Whether you want to display video signals or computer signals, any kind of data can be displayed on the EYE-LCD4000M/4600M. In combination with the eyevis netpix controller and the eyecon software a medium for representation and information can be created that perfectly fits for smaller control rooms in which the space-factor is a main criteria. In addition to that, you will attract more attention than before with your presentations, since these displays are the ideal medium to transport your company's message.

eyevis provides all necessary accessories for wall and ceiling installations. Moreover, we offer a range of customised solutions (supporting stands, mobile stands, etc.). Special casings are also available (protection against vandalism, environmental influences, etc.).



## eyevis TFT LCD Series



### Features:

#### Two available versions:

**Modular "M"-Version:** With stacking frame for the assembly of display walls, addressable upto 255 displays and the

**Stand-alone "W"-Version:** Single version for wall mounting

#### easyMount:

Stackable frames enable quick and simple assembly of display walls

#### GammaCorrect:

Dynamic adjustment possible over the complete gamma curve

#### Internal Split Controller:

Images scalable over several modules, possible up to a matrix of displays

#### Loop-through:

Signal loop from display to display. Your advantage: No additional signal distributors necessary

#### PIP:

Picture-in-Picture (Video on data representation) on one display; possible with all displays of a display wall.

#### PSS:

Panel-Security-System. Security features for long-term operation to reduce the so-called image sticking effect.

#### PSC:

Panel-Self-Control. Provides various functions, such as automatic panel dimming, automatic temperature and ventilation adjustments and emergency cut-out to protect the devices.

#### Control:

Internal control board enables the addressing and control of all functions (micro-controller).

#### PDS:

Panel-Database-Solution. Open interface, easy connection to other systems, avoids maloperations. User-friendly GUI.

#### PSM:

Panel-Status-Monitoring. Very comprehensive and detailed survey of the complete system (status messages).

#### Service-friendly:

Modular design, pluggable connections between the individual components results in a minimum MTTR (also available: Front maintenance-option).

#### Optimal Ventilation Concept:

The stackable version has ventilation ducts for air-supply and exhaust.

**eyevis TFT LCD Series**
**EYE-LCD4000M/W & 4600M/W**

Technical Data:

LCD Display	EYE-LCD4000M & 4000W	EYE-LCD4600M & 4600W
<b>Technology</b>	TFT LCD	TFT LCD
<b>Display Resolution:</b>	1366 x 768 Pixel (WXGA)	1366 x 768 Pixel (WXGA)
<b>Pixel Pitch:</b>	0,648 mm	0,7455
<b>Active Screen:</b>	885,17 x 497,66 mm	1018,35 x 572,54 mm
<b>Backlight MTBF:</b>	mind. 50 000h	mind. 50 000h
<b>Display Characteristics</b>		
<b>Colours:</b>	8 Bit / 16.7 million	8 Bit / 16.7 million
<b>Aspect Ratio:</b>	16:9	16:9
<b>Viewing Angle:</b>	H 178° / V 178°	H 178° / V 178°
<b>Response Time:</b>	8 ms	8 ms
<b>Contrast Ratio:</b>	1200 : 1	1200 : 1
<b>Brightness:</b>	700 cd/m <sup>2</sup>	700 cd/m <sup>2</sup>
<b>Connectors</b>		
<b>Inputs:</b>	Power Supply 100-250V 50/60Hz RS232 in and out for Control 2x DVI IN (DVI-I) 1x RGB IN (HD15) 1x CV (RCA) 1 x Y/C	Power Supply 100-250V 50/60Hz RS232 in and out for Control 2x DVI IN (DVI-I) 1x RGB IN (HD15) 1x CV (RCA) 1 x Y/C
<b>Output:</b>	1x DVI OUT (DVI-I)	1x DVI OUT (DVI-I)
<b>Abmessungen &amp; Gewicht</b>		
<b>Dimensions: (BxHxT)</b>	4000W: 913x525x127 mm 4000M: 913x525x300 mm	4600W: 1048x601x127 mm 4600M: 1048x601x300 mm
<b>Bezel Width: (all sides)</b>	14 mm	15 mm
<b>Weight:</b>	4000W: 21 kg 4000M: 30 kg	4600W: 28 kg 4600M: 37 kg
<b>Environmental:</b>		
<b>Power Consumption:</b>	160 Watt	160 Watt
<b>Temperature:</b>	typ. 15 - 20 °C (max. 25-29 °C)	typ. 15 - 20 °C (max. 25-29 °C)
<b>Humidity:</b>	typ. 25 - 60 % (max. 90% RH)	typ. 25 - 60 % (max. 90% RH)
<b>Options</b>		
<b>Wall Holder:</b>	for EYE-LCD4000W and EYE-LCD4600W	
<b>Front-Maintenance:</b>	Saves time and space. The mechanism allows to remove individual displays for service and maintenance works without removing other displays and with no space required behind the video wall.	
<b>Ambient Light Sensor:</b>	Automatic adjustment to the ambient light conditions (e.g. day and night adjustment)	

**Features:**

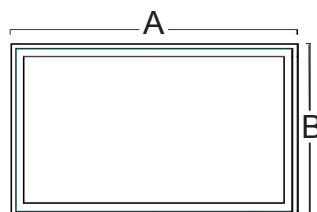
- unlimited number of cascadable displays
- „frameless“ design, minimal gaps
- low installation depth
- slim design
- best image quality

**Areas of application:**

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

Dimensions:

40"	A: 91,2 cm B: 54,2 cm Bezel: 1,4 cm
46"	A: 104,74 cm B: 60,06 cm Bezel: 1,5 cm



Stacking frame for cascadable „M“-versions:



subject to technical change!



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