

eyevis
PERFECT VISUAL SOLUTIONS

) EYE-LCD4000-HD M / W

eyevis LCD Series

) DESCRIPTION

eyevis' new display versions EYE-LCD4000M/W-HD offer 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 display has a screen diagonal of 40" with full HD resolution (1920x1080 pixel).

The EYE-LCD4000M/W-HD screens are cascadable, i.e. they can be combined to build up large screen walls with little gaps between the individual display modules. Thanks to the narrow bezel of the displays, the gap between adjacent modules measures only 28 mm (2 x 14 mm).

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-HD 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/W-HD. In combination with the eyevis netpix controller and the eyecon software a medium for representation and information can be created that perfectly fits 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.).



) DISPLAY PROPERTIES



Two available versions:

- "M"-Version:
  With stacking frame for LCD based display walls.
- "W"-Version:
  Version for wall mounting.

easyMount:
Stackable frames enable quick and simple assembly of display walls

GammaCorrect:
Dynamic adjustment over the complete gamma curve

Internal Split Controller:
Images scalable over several modules, up to a 10x10 matrix

Loop-through for RGB and DVI Signals:
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.

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. Comprehensive and detailed survey of the complete system (status messages).

Service-friendly:
Modular design, pluggable component connections results in short MTTR (optional: Front maintenance version).

Optimal Ventilation Concept:
Ventilation ducts for air-supply and exhaust with M-version.

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) TECHNICAL SPECIFICATIONS

) LCD Display

Technology:	SPVA TFT
Display Resolution:	1,920 x 1,080 (full HD)
Pixel Pitch:	0.461 mm
Backlight MTBF:	50,000h

) Display Characteristics

Colours:	8 Bit / 16.7 million
Aspect Ratio:	16:9
Viewing Angle:	H 178° / V 178°
Response Time:	8 ms
Contrast Ratio:	3,000 : 1
Brightness:	700 cd/m²

) Connectors

Inputs:	Power Supply 100-250V 50/60Hz 2 x DVI IN (DVI) 2 x RGB IN (HD15) + DVI-D 2 x Composite Video (BNC) 1 x S-Video (Mini-DIN 4pol) 2 x AUX (RJ45 / Mini Jack 3.5 mm) 1 x IR (Mini Jack 2.5 mm) 1 x PS/2 (Keyboard)
Outputs:	1 x DVI-D

) Dimensions

Dimensions: (WxHxD)	4000-HD W: 912,4 x 524,9 x 127 mm 4000-HD M: 912,4 x 524,9 x 297 mm
Bezel Width: (all sides)	14 mm

) Weight

Display (4000-HD W)	22.5 kg
+ Stacking frame (4000-HD M)	31.1 kg

) Environmental

Power Consumption:	200 W
DPMS:	< 1 W
Thermal Load:	160 W
Temperature:	typ. 0-40 °C
Humidity:	typ. 25 - 60 % (max. 90% RH)

) Certificates

EMI	CE
ISO	ISO 13406/2 (pixel error class 2)

) Options

Front-Service Option for W-Versions:	Special mechanism allowing front access to the displays. Individual modules can be dismantled even in the centre of modular video walls.
Wall Holder:	VESA 400 x 400 mm / 800 x 400 mm
Ambient Light Sensor:	Automatic adjustment to the ambient light conditions (e.g. day and night adjustment)
Input Option:	HDMI, Component Video
Audio:	Speakers + integr. Amplifier

) 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
- low installation depth
- slim design
- best image quality

) STACKING FRAME FOR M-VERSIONS



) FRONT-SERVICE OPTION



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