



# ) EYE-LCD5600QHD

eyevis LCD Series

## ) DESCRIPTION

The EYE-LCD5600QHD 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 offers brilliant color, 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. Thanks to the adjustable backlight the display offers high performance images in almost every ambient light condition.



## ) ADVANTAGES



### Ultra-high Image Resolution

The EYE-LCD5600QHD display has an image resolution of 3840 x 2160 pixels (4x full HD 1920 x 1080px). This allows the user to display the data information he wants to have on his display in pin-sharp and brilliant quality.

### Very Fast Response Time

Thanks to their short 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.

## ) APPLICATION POSSIBILITIES

- Design
- Professional Graphics
- Healthcare
- Military / Defence
- Training
- Architecture
- Radar
- Weather
- Simulation

## ) FEATURES

- High contrast, even in high ambient light conditions
- High native picture resolution (3840 x 2160 pixel)
- 2 standard digital DVI inputs, Optional: 4 x DVI in
- VESA mounting structure of eyevis LCD displays allows an easy wall or ceiling installation with any VESA approved installation standard
- low operating costs thanks to low energy consumption and long lifetime concept. All included components were selected for their high efficiency.

## ) PERFECT CONTROL WITH THE EYE-4SYNC BOARD

The EYE-4SYNC board is optionally available as external device for the EYE-LCD5600QHD. With this synchronisation board, no special graphic cards are required.

The EYE-4SYNC system is a frame buffer controller used to synchronise DVI images on a master sync source. The output syncs are generated internally and can be programmed to control a large range of display modules. A typical application is source resynchronisation to visualise simultaneously heterogeneous sources on the same display. However, the system is tolerant to sources that have not the same size as the display resolution. In this case, the image is centred in the display area.

The system includes a microcontroller which manages the automatic detection of the source standard. The board can resynchronise 4 sources to be displayed simultaneously on a typical 4 inputs display. An RS232 interface is also available for external control.



# ) EYE-LCD5600QHD



eyevis LCD Series

## ) TECHNICAL SPECIFICATIONS

### LCD Panel

Technology	TFT LCD
Native Resolution	3,840 x 2,160 (Quad HD)
Backlight Lifetime	60 000 h average

### Visual Characteristics

Colors	16.8 million
Aspect Ratio	16:9
Viewing Angle	176° / 176°
Response Time	6.5 ms
Color Adjustment	Fixed ~9000K
Contrast Ratio	1200 : 1
Brightness	500 cd/m <sup>2</sup>

### Connectivity & Control

Standard Inputs	2 x Digital DVI (1920 x 2180)
Optional	4 x Digital DVI
Supported Resolution	Quad HD (2 x 1920 x 2180)

### Power Supply

Input	AC 100 V - 240 V (+/-10%) 50 Hz - 60 Hz
Power Consumption	550 W

### Operating Conditions

Temperature	5 - 35 °C (41 - 95 °F)
Humidity	max. 80%

### Approval

Regulation Compliance	CE, UL
-----------------------	--------

### More

Optional Control	EYE-4SYNC Board (see page 1)
Cooling	Low noise level cooling
Hanging	VESA MIS F, 600, 200, 8 (Display holders are optionally available from eyevis)
Active Screen Diagonal	56" (1422 mm)
Active Screen Area	1224 x 729 mm
Dimensions (WxHxD)	1341 x 798 x 130 mm
Weight	61 kg

Dimensions:

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

