



# ) EYE-LCD6400-4K

eyevis LCD Series

## ) FEATURES

- ▶ 64" Screen Diagonal (162 cm)
- ▶ Extra high resolution 4,096 x 2,160
- ▶ 4 channels with 2,048 x 1,080 pixels
- ▶ Brightness: 500 cd/m<sup>2</sup>
- ▶ Wide viewing angle: 176°/176°
- ▶ High contrast: 1,300:1
- ▶ Fast response time

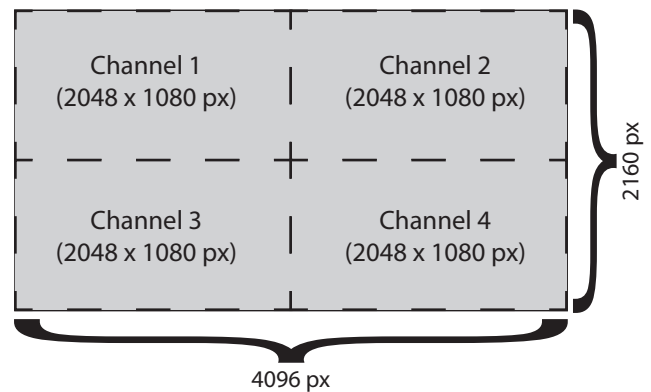
## ) APPLICATION POSSIBILITIES

- ▶ eSignage applications
- ▶ Security control rooms, display of multiple camera signals in native resolution on one screen
- ▶ Detailed process controlling in high resolution
- ▶ Diagnostic imaging in medical applications, accurate interpretation of e.g. X-ray photographs or CT images
- ▶ Digital post-production for broadcasting

## ) TECHNICAL SPECIFICATIONS

Pixel Format	4,096 x 2,160 RGB pixels
Pixel Pitch	0.34875 x 0.34875 mm
Active Screen Area	1428.5 x 753.3 mm
Dimensions	1564 x 889 x 130 mm
Weight	ca. 90 kg
Brightness	500 cd/m <sup>2</sup>
Contrast	1,300:1
Response Time (G-to-G)	6 ms
Viewing Angle	176°/ 176°
Colours	16.7M (8 bit)
Colour Gamut	84% vs NTSC
Frame Rate	60 Hz
Power Consumption	TBD
Interface LCD	4 x DVI Single Link
Image Retention Free	30 000 hrs

## ) RESOLUTION



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

Especially for the control of the display, eyevis developed the EYE-4SYNC controller which is included as embedded version in the EYE-LCD6400-4K, where it provides 4 DVI-I inputs. In the past, for the connection of high-resolution displays there were always special graphics cards necessary. With this new synchronisation solution from eyevis, such cards are no longer necessary. With the EYE-4SYNC controller it is possible to connect any PC directly with the display.

The EYE-4SYNC system is a frame buffer controller used to synchronise DVI images on a master sync source. 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.

