

LCD monitors for a sharp, crisp representation
with an ultra high resolution of 4K



EYE-LCD6400-4K

**PERFECTION DOWN TO
THE SMALLEST DETAIL**

EYE-LCD6400-4K: LCD-Displays for a razor sharp image representation

Experience the best image performance "made in Germany" with LCD-technology from eyevis

With the introduction of the new EYE-LCD6400-4K with a diagonal of 64", eyevis presents the second generation of high-resolution displays with more than four times HD-resolution. The high resolution of 4096 x 2160 pixels is achieved with a new, highly compact pixel design. With this resolution the new EYE-LCD6400-4K shames all other available displays on the market.

In comparison to a standard HD 65-inch panel, the image density of the new EYE-LCD6400-4K is twice as high at 85 ppi. The display also proves its value through its excellent image performance: a billion colours with an NTSC-value of 84% ensure natural and razor sharp image reproduction. Thanks to modern ASV-technology, the horizontal and vertical viewing angle reaches 176°. The adjustable backlight allows an excellent image quality also under difficult light conditions. Thanks to the extremely high resolution, images from numerous security cameras can be displayed in security control rooms in full resolution in parallel on one screen. The control of complex manufacturing plants can

also be presented clearly, because of the high resolution. Especially in the medical sector, for example at imaging diagnosis, the presentation in 8.8 million pixels allows for exact interpretation of X-rays or CT-scans, in the same way as classic films. And in terms of films: the film industry will also profit from the new 4k2k LCD technology in digital post-production. It will enable cutters to view the raw film material in its native resolution, allowing for more precise cutting.

Previously, special graphics cards were always needed to connect high-resolution displays to PCs. Now such cards are superfluous, thanks to the new synchronisation solution from eyevis. The EYE-4SYNC board can be used to connect as many PCs or quad graphic boards as you want directly to the monitor. The EYE-4SYNC system is a frame buffer controller for synchronising multiple DVI-sources into one master sync signal. The system can also process image formats that do not match the native resolution of the display. The controller includes automatic recognition of the source standard for this purpose.

Advantages of the EYE-LCD6400-4K at a glance:



) UNSURPASSED IMAGE QUALITY

-) Excellent detail sharpness
-) Brilliant colour representation
-) High brightness
-) Best contrast values



) LOW OPERATING COSTS

-) Extremely low power consumption
-) LongLifeTime-design



) PERFECT VIEW

-) Viewing angle H/V: 176°
-) Best visibility for many viewers as in conference rooms and meeting rooms
-) Anti-glare surface



) APPLICATIONS

-) eSignage applications
-) Architecture, TV/broadcasting, medical, design, digital cinema, defence, presentation, control rooms, simulation, etc.



) ADDITIONAL FEATURES

-) EYE-4SYNC-controller
-) 4 DVI-inputs
-) Integrated EDID-identification



) SPECIFICATIONS

-) Resolution: 4096 x 2160 px
-) Brightness: 500 cd/m², contrast: 1300:1
-) Response time 6 ms
-) Image Retention Free: 30.000 hrs.

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