

More than 4 x High Definition for special signage applications

New 64-inch 4k x 2k panel from Sharp offers 4 x HD resolution for special applications. The first monitors with the new ultra high-resolution display technology from Sharp are already available from Eyevis.

Hamburg, March 2009 – Sharp, the name says it all. With the market introduction of the new 4k x 2k LCD panel and its 64-inch screen diagonal, Sharp presents its first ultra high-resolution display with more than 4 x HD resolution. Sharp has achieved this high resolution of 4096 x 2160 pixels through a revised and highly compact pixel design. In comparison to a standard HD 65-inch panel, the image density of the new 4k2k panel (type LK636R3LA19) is twice as high at 85 ppi. The 4k x 2k display also proves its value through its excellent image performance: a billion colours with an NTSC value of 84% ensure natural image reproduction, while modern ASV technology provides a viewing angle of 176° in all directions.

The new 64-inch LCD panel is primarily intended for special e-Signage applications. For example: 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, thanks to the high resolution. This is also vital in the medical sector for imaging diagnosis. Presentation in 8.8 million pixels allows for exact interpretation of X-rays or CT scans (for example), 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.

Availability

The new 64-inch 4k2k panel, type LK636R3LA19, can be ordered from Sharp sales offices and distribution partners in Europe as of May 2009. Series production is due to start in April 2009.

Specifications

	LK636R3LA19
Display size	64 inch / 162 cm
Resolution	4096 x RGB x 2160
Dimensions (wxhxd)	1555,3 x 907 x 100 mm
Brightness	350 cd/m ²
Contrast	1500:1
Colours	1 Bio. / 10-bit
Operating Temperature	0°C to 50°C
Interface	6ch-LVDS
Life cycle	60,000 h
Special features	4k x 2k Resolution
Operating voltage	24 V
Power consumption	432 Watt
Weight	41,2 kg

Contact:

Sharp Microelectronics Europe

Service hotline: +49 (0)180 507 35 07 (0.14 €/min. from the fixed network of DTAG.)

Service e-mail: e-signage.europe@sharp.eu

About Sharp Microelectronics Europe

Sharp Microelectronics Europe, Hamburg, Germany, is a divisional company of Sharp Electronics (Europe) GmbH, which is a subsidiary of Sharp Corporation, Osaka, Japan. Sharp is a worldwide developer of core digital technologies that are playing an integral role in shaping the next generation of electronic products for consumer and business needs. Sharp Microelectronics Europe offers groundbreaking solutions in the areas of memory products, LCD, Opto Components, CCD, RF/IR, IC and LSI components, along with packaging and integration skills that help design engineers throughout Europe to bring their ambitious ideas to market. Sharp Microelectronics Europe is dedicated to improving people's lives through the use of advanced technology and a commitment to innovation, quality, value and design.

responsible:

Sharp Microelectronics Europe

Ralf Schäfer

Sonninstraße 3

20097 Hamburg

Phone: +49 (040)/2376-2487

Fax: +49 (0)40/2376-15-2487

E-mail: press.sme@sharp.eu

Eyevis

eyevis, the German manufacturer of large screen systems, is one of the leading suppliers and integrators of visualisation systems for professional applications in control rooms, as well as virtual reality and simulation. eyevis has a worldwide network of subsidiaries and certified sales partners. As one of only a few suppliers in its field, eyevis is able to offer complete systems from one source. The complete solutions from eyevis include display solutions, graphics controllers, software applications and all necessary accessories.

eyevis press contact:

For press releases and further information, please contact:

Max Winck

PR Manager eyevis

Tel.: +49 (0) 7121 4 33 03-0

Fax: +49 (0) 7121 4 33 03-22

m.winck@eyevis.de

www.eyevis.de