

Press information

Optimum readability in all conditions – Kyocera Display Group presents three new Super High Brightness modules

Kyoto/Neuss, March 04, 2014 – The Japanese technology group Kyocera, one of the leading manufacturers of electronic products, has expanded its product range to include three new LCDs that feature wide 170° horizontal and vertical viewing angles and extreme brightness of 1200cd/m², making them suitable for almost any interior or exterior application.

The extended temperature range, high brightness (Super High Brightness (SHB)) and extremely wide viewing angle (Advanced Wide View (AWV)) of the new 8.4”, 10.4” and 12.1” SVGA LCD modules make them particularly suitable for applications under unusual conditions, such as in marine shipping. In the maritime sector, it is particularly important that instruments can be read from all directions, even in bright sunshine. The wide operating temperature range of -30°C to +80°C further underscores the broad scope of applications for the displays in demanding environments.

The modules include a built-in LED driver that allows easy integration into existing systems – as a result, the backlighting requires no additional components. The LVDS interface also ensures easy control. An evaluation kit based on Raspberry is also available.

The new LCD modules are particularly suited to shipping, industrial and medical applications. Moreover, the products’ characteristics are complemented by long-term market availability and local technical support from Kyocera, which adds particular value for the user.

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Press information

Model name	TCG084SV	TCG104SV	TCG121SV
Dot format (Dot)	800x(RGB)x600	800x(RGB)x600	800x(RGB)x600
Outline dimensions (mm)	199.5x149x11.5	230x180.2x10.8	260.5x203.3x10.6
Brightness (cd/m ²)	1,200	1,200	1,200
Backlight operating lifetime (h)	70,000	70,000	70,000

Kyocera is actively committed to the development of environmentally friendly products and is working to reduce the use of materials that cause environmental damage in industrial applications. The company's products meet the requirements of EU guidelines regarding the use of hazardous materials*.

For more information about Kyocera: www.kyocera.eu

About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 228 subsidiaries (as of April 1, 2013), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 4.0 gigawatts of solar power having been installed around the world to date.

The company is ranked #492 on *Forbes* magazine's 2013 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 71,000 employees, Kyocera posted net sales of approximately €10.58 billion in fiscal year 2012/2013. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, fine ceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Fineceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

* RoHS: Restriction of Hazardous Substances

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The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €372,000 per prize category).

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