

Press information

Robust, thin and light – Kyocera presents a modern 5.7-inch module for industrial applications

The new 5.7-inch VGA display from Kyocera has a thickness of just 6 mm and only weighs 100 grams.

Kyoto, Japan / Neuss, Germany, September 26, 2016 – Kyocera, a Japanese technology group and leading manufacturer in the field of electronic devices, is extending its portfolio with a new 5.7-inch VGA TFT module (4:3) that is particularly suitable for use in portable devices.

Devices for industrial applications are following the trend of consumer electronics: becoming smaller, thinner and lighter. However, it is crucial that these devices have high quality and the resilience for everyday use in rough environments.

Kyocera's new, extra-thin and extra-light LCD module is specifically designed for portable devices that are used in demanding industrial environments such as testing and measurement equipment, auto repair shops, medical diagnostics and marine applications.

The slim and light TCG057VGLAAANN-GN20 module has a resolution of 640 x 480 pixels and a narrow frame. Its outer dimensions are 127.2 mm x 100.4 mm x 6 mm with a display area of 115.2 mm x 86.4 mm. The device offers a brightness of 450 cd/m² with a contrast of 500:1 and a viewing angle of 160° both horizontally and vertically. In addition, it has an LVDS interface, an operating temperature range from -20°C to 70°C. The built-in LED driver circuit incorporates a PWM dimming control, which achieves a wide LED backlight dimming range of 0.1% to 100%.

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This is particularly useful in meeting equipment design requirements where a highly dimmable display is needed. Having the LED driver circuit built in also helps to simplify the design process and reduce external component requirements. Kyocera's built-in LED driver ensures a more cost-effective solution.

"A robust industrial design can now also be small and light," says Eberhard Schill, Sales Manager Distribution Sales and Marketing, Kyocera Display Europe GmbH. "This development further contributes to making the workplace more ergonomic."

Kyocera has 40 years of experience in innovative LCD technologies and is a preferred supplier of industrial, automotive and medical displays. The company is actively engaged in the development of environmentally friendly products and continually strives to reduce its use of environmentally hazardous substances in manufacturing. Naturally, the company complies with the EU directive on the application of hazardous substances (RoHS Directive – Restriction of Hazardous Substances).

For more information about Kyocera: www.kyocera.eu

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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 235 subsidiaries (as of March 31, 2016), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the oldest producers of solar energy systems worldwide, with more than 40 years of experience in the industry.

The company is ranked #531 on Forbes magazine's 2016 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of over 69,000 employees, Kyocera posted net sales of approximately €11.59 billion in fiscal year 2015/2016. The products marketed by the company in Europe include printers, digital copying systems, microelectronic components, and fine ceramic products. 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.

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 approximately €360,000 per prize category).

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