

Press release

KYOCERA introduces New Wide Screen TFT-LCD for Industry Applications

Kyocera's new 10.1" and 12.1" WXGA TFT-LCD displays for industrial applications.

4 August 2015 – Kyoto, Japan/Neuss, Germany – The Japanese technology Corporation Kyocera, a leading manufacturer in the field of electronic devices, announced two new wide format (16: 10) TFT-LCD displays that are in volume production now - new 10.1" and 12.1" WXGA TFT-LCDs.

Wide format TFT-LCDs provide a modern design look and allow more information to be displayed on the screen. The increased resolution and wide aspect ratio provide greater details and achieve a sharper image making them ideal for industrial applications including medical, agriculture, test and measurement, and marine applications.

The 10.1" WXGA (TCG101WXLP) TFT-LCD display features 1280 x 800 resolution, with a brightness of 500cd/m² and a 800:1 contrast ratio. Viewing angle is 80-degree in all directions: left, right, top and bottom. Powered with high-efficiency LED backlights the total power consumption is only 4.46W.

The 12.1" WXGA (TCG121WXLP) TFT-LCD display features 1280 x 800 resolution, a brightness of 500cd/m² and a contrast ratio of 750:1. Powered with Kyocera's Advanced Wide View (AWV) technology, providing a wide, 85-degree viewing angle in all directions: left, right, top and bottom with no colour inversion.

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No additional components are required to drive the backlights as Kyocera's LED driver circuit is integrated into both the 10.1" and 12.1" LCD modules. The new TFT-LCDs are designed with a standard LVDS interface and offer a wide operating temperature range of -20° to 70° C.

"Kyocera brings almost 40 years of experience in LCD technology innovation, helping to make the company a preferred supplier of displays for industrial applications as well as automotive and medical equipment," said Eberhard Schill Sales Manager Distribution & Marketing at Kyocera Display Europe GmbH. "We continue our commitment to developing environmentally friendly products."

The Kyocera Group is actively engaged in the development of environmentally friendly products and continually strives to reduce the use of environmentally degrading materials and processes in its manufacturing. The company complies with the EU's RoHS (Restriction of Hazardous Substances) directive.

Product Details

Model Name	TCG101WXLP
Dot Format (Dot)	1280x800
Outline Dimension (mm)	236,0x156,8x9,4
Brightness (cd/m ²)	500
Top	-20°C to 70°C

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Model Name	TCG121WXL P
Dot Format (Dot)	1280x800
Outline Dimension (mm)	277,7x182,5x9,8
Brightness (cd/m ²)	500
Top	-20°C to 70°C

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 226 subsidiaries (as of March 31, 2015), 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 6 gigawatts of solar power having been installed around the world to date.

The company is ranked #552 on Forbes magazine's 2015 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of over 68,000 employees, Kyocera posted net sales of approximately €11.74 billion in fiscal year 2014/2015. The products marketed by the company in Europe include 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.

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 €385,000 per prize category).

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