

Press release

## **KYOCERA releases next-generation XGA LCD modules**

**New displays feature XGA resolution with Advanced Wide View, Super High Brightness and an increased operating temperature range**

**27 May 2015** – Kyoto, Japan/Neuss, Germany – Kyocera, a leading manufacturer in the field of electronic devices, is extending its product range with two new next-generation LCDs. The innovative TFT LCDs show bright colours clearly, even in intense sunlight. This makes them ideal for industrial applications, including medical, aerospace, aquatics, testing and measuring, as well as for Industry 4.0 equipment.

The new 10.4-inch XGA (TCG104XGLP) and 12.1-inch XGA (TCG121XGLP) TFT LCD modules feature 1024 x 768 pixel resolution and the latest high-efficiency, long-life LED backlights with brightness ratings of 1300 cd/m<sup>2</sup> (10.4”) and 1200 cd/m<sup>2</sup> (12.1”). Kyocera’s Advanced Wide View (AWV) technology makes it possible to achieve an 85-degree viewing angle in all directions (left, right, top and bottom). The fully integrated Kyocera LED driver circuit allows backlight operation without the need for additional components. The new TFT LCDs are designed with a standard LVDS interface and offer a wide operating temperature range of -30°C to 80°C, ideal for outdoor applications.

“Kyocera has been creating innovative LCD technology for almost 40 years and providing the associated long-term support. This is an

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essential factor for the satisfaction of our customers in the automotive sector, in industry and in medical engineering,” says Shinichiro Kakigahara, President of Kyocera Display Europe GmbH. “All of our TFT LCDs are RoHS compliant and we strive to continually reduce our environmental impact in manufacturing.”

The Kyocera Group 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).

## Specifications

Model name	TCG104XGLP
Format (dot)	1024 x 768
Dimensions (mm)	230.0 x 180.2 x 10.5
Brightness (cd/m <sup>2</sup> )	1300
Operating temperature	-30°C to 80°C
Model name	TCG121XGLP
Format (dot)	1024 x 768
Dimensions (mm)	260.5 x 203.0 x 10.2
Brightness (cd/m <sup>2</sup> )	1200
Operating temperature	-30°C to 80°C

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### For more information about Kyocera:

[www.kyocera.eu](http://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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