

## Press information

### **Better view in tough environments: Kyocera Display Group unveils resilient widescreen display for industrial applications**

**June 5, 2014 – Kyoto/Neuss – Japanese technology company Kyocera, one of the leading manufacturers of electronic products, is expanding its LCD portfolio to include the TCG121WXLPA-PNN-AN20, a new 12.1" WXGA LCD module with a 16:10 widescreen format and a 1280 x 800-dot display.**

Featuring materials that are perfectly suited for demanding use in industrial applications, this display stands up to the toughest conditions thanks to an expanded temperature range of -20°C to +70°C, a 170° horizontal and vertical viewing angle and sturdy construction. It is also particularly well suited for user interfaces that require icons or use modern 16:9 illustrations in their design.

This 277.7 mm x 182.5 mm x 9.8 mm module features a built-in LED driver, meaning that no additional components are necessary for backlighting. The LVDS interface guarantees easy operation using a 20-pole plug. Also, an evaluation kit based on Raspberry for the direct operation of the new display module is available.

Kyocera Display also offers additional widescreen-format displays measuring 4.3", 7.0", 8.5" and 10.1". In combination with their long-term availability and local technical support, these LCD modules are perfectly suited for industrial and health care applications.

Kyocera is actively committed to developing environmentally friendly products and is working to reduce the use of environmentally hazardous materials in industry. As a result, the company's products comply with the EU's Restriction of Hazardous Substances Directive.\*

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### Technical information:

Model name	TCG121WXLPA PNN-AN20
Dot format (dot)	1280x800
Exterior dimensions (mm)	277.7 x 182 x 9.8
Brightness (cd/m <sup>2</sup> )	500
Backlight operating lifetime (h)	50,000

\* RoHS (Restriction of Hazardous Substances) Directive

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 230 subsidiaries (as of April 1, 2014), 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 gigawatts of solar power having been installed around the world to date.

The company is ranked #531 on *Forbes* magazine's 2014 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 70,000 employees, Kyocera posted net sales of approximately €10.19 billion in fiscal year 2013/2014. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, fineceramic 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 €354,000 per prize category).

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