

Press information

Kyocera develops far infrared camera module for automotive applications and security sector

The new camera technology can be customized to the specific client's needs for vision enhancement in adverse lighting conditions and will be available next year.

Kyoto, Japan / Neuss, Germany October 24, 2016 – Kyocera, the Japanese technology corporation and leading manufacturer in the field of electronics and electronic devices, brings a far infrared (FIR) camera to the market, which is particularly designed to address the requirements of the automotive and security markets. The FIR camera module from Kyocera is able to detect an object's temperature in lightless environment and thus enables filming even in difficult daylight or bad weather conditions as well as in dark nights. Due to the proprietary image signal processing, back light doesn't affect the camera module and it is equally suitable for human and animal detection.

The Kyocera FIR camera distinguishes itself with integrated algorithms for safe detection even under high ambient temperature conditions, a continuous shooting mode without shutter and an especially compact design of 36x36x52mm (QVGA) or 36x36x73mm (VGA). In comparison to conventional CMOS sensor cameras, the new product continuously shows clear pictures, even in shooting situations or recording locations, which typically lead to a low visibility or a dazzling effect. For example, these circumstances are tunnel entrances or exits, backlight at night, fog or also city areas full of shadows.

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“The new FIR camera module will become a strategically important product with high business potential for the growing automotive and security sectors, “ says Shigeru Koyama, European President Kyocera Fineceramics.

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 oldest producers of solar energy systems worldwide, with more than 40 years of experience in the industry.

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 approximately €360,000 per prize category).

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