

## Press Release

### **Anti-shading lens – new industrial optics for 3D measurement from SCHNEIDER-KREUZNACH**

**The new APO Xenoplan 2.0/24: Optimised for 4 megapixel 1.3" CCD sensors with micro-lenses**

Bad Kreuznach, 04 November 2008. With its new APO Xenoplan 2.0/24, Schneider-Kreuznach is expanding its industrial optics product range in time for Vision 2008. The new high-resolution lens was especially developed for 3D measurement and traffic engineering. It features homogenous brightness control, a large capture area and short focal length.

The focal length of 24 mm, the iris in the range from 2.0 to 16 and the broadband coating from 400 to 1000 nm make this a very versatile lens for industrial applications. Innovative optics are especially effective at preventing shading on the sensor, which is a clear advantage for measurement applications in particular. The C-Mount lens was developed for 4 megapixel 1.3 inch CCDs with micro-lenses. It features a large capture area with short focal length at small working distances. At the same time, the image circle of 24 mm is very large for a compact C-Mount lens.

This high-performance lens is especially robust and largely unsusceptible to harsh conditions for outstanding performance, even in industrial environments. This lens comes with securely lockable iris and focus settings as standard features.

For more information on technical terms from the field of industrial photography as well as background information on specific manufacturing techniques, please visit <http://www.schneiderkreuznach.com/knowhow.htm>.

Schneider-Kreuznach is presenting all of its new products at Vision 2008 on 4 November in hall 4, booth 4B 61.

Industrial optics business area:

Jos. Schneider Optische Werke GmbH develops, manufactures and distributes optical and precision components and assemblies for Machine Vision and other image processing applications. These premium optics solutions help system integrators and machine builders improve their image processing systems.

About Schneider Group:

The Schneider Group specialises in the development and production of high-quality photographic lenses, cinema projection lenses, high-quality lenses for industrial applications and precision mechanics. The group consists of Jos. Schneider Optische Werke, founded in 1913, and its affiliates Pentacon (Dresden, Germany), B+W Filterfabrik (ISCO) (Göttingen, Germany), Praktica (London, UK), Schneider Optics (New York, Los Angeles), Schneider Bando (Seoul) and Schneider Asia Pacific (Hong Kong). The main brand is "Schneider-Kreuznach". The Schneider Group has 650 employees worldwide, with 345 at its German headquarters. The group is the long-time world market leader for high-performance lenses.

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