

- Press Release -

Cinegon and Xenoplan: New C-mount lenses with absolutely stable optical axes

BAD KREUZNACH, 8 November 2011

At VISION 2011, Schneider-Kreuznach is presenting four new C-mount lenses for industrial applications in the Cinegon and Xenoplan series. These four new lenses cover the focal length range from 4.8 to 17 mm, with apertures between 1.4 and 1.8. With these variants, the new lenses are universally usable, even in rough environments.

Conventional lenses can move out of their optimum optical axis due to light to medium vibrations in the micrometre range, despite presumably secure mounting. To address this, Schneider-Kreuznach has brought to market a megapixel compact lens series designed especially for the demanding requirements of 3D measurement. These lenses have absolutely stable optical axes, so that each pixel can be processed exactly by the camera. Resolvable pixel size is under 5 µm. The focusing and iris of the lens, which is set up for an 11 mm image circle, can be locked in the usual manner, and remains permanently stable. The lenses have a broadband coating in the VIS and NIR range of 400 to 1000 nm.

These lenses are very robust, offer very high production repeatability, and are designed for demanding tasks in areas such as industrial 3D applications, machine vision, aerospace, and medicine.

More information on these new Schneider-Kreuznach products is available from 8 to 11 November at VISION 2011 in Stuttgart, Hall 4, Stand 4D18. Or visit our website at www.schneiderkreuznach.com.

Industrial Optics business area:

Jos. Schneider Optische Werke GmbH designs, manufactures and markets optical and precision components and assemblies for machine vision and other image processing applications. Our high-quality optical solutions for image processing help system integrators and machine manufacturers improve their image processing systems.

About the Schneider Group:

The Schneider Group specializes in developing and producing high-performance photographic lenses, cinema projection lenses, as well as industrial optics and precision mechanics. The group comprises Jos. Schneider Optische Werke, founded in Bad Kreuznach in 1913, and its subsidiaries Pentacon (Dresden), ISK Optics GmbH (Göttingen), Schneider-Optics (New York, Los Angeles), Schneider Bando (Seoul), Schneider Asia Pacific (Hong Kong) and Schneider Optical Technologies (Shenzhen). The company's main brand is "Schneider-Kreuznach". It has around 660 employees worldwide, with 360 based in its German headquarters. For years now the group has been a world market leader in the area of high-performance lenses.

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