

FOR IMMEDIATE RELEASE

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Schneider Enhances its Compact C-Mount Lenses for Machine Vision *Accessory thread accommodates new filter line to simplify optimization of image quality.*

Bad Kreuznach, Germany, October 23, 2006 - The Schneider Group, a worldwide market leader in high-quality lenses for industrial applications, has introduced an even more advanced version of its line of market-leading compact C-mount lenses for high resolution mega pixel CCD and CMOS cameras for machine vision applications.

Following the recent introduction of Schneider industrial filters for machine vision applications, the design of Schneider Xenoplan and Cinegon compact C-mount lenses has been upgraded to include built-in accessory threads that simplify filter mounting. The new filter threads have been added to lenses having focal lengths ranging from 4.8 mm to 50 mm, featuring image circles with 2/3-inch or 1-inch formats and up to 22 mm diagonal.

Additional lens features include a new enhanced-precision iris (with our popular locking mechanism) that improves control of grey-scale calibration. A unique focus mechanism enables very fine focus adjustment and locking without backlash. The robust design assures extremely reliable and precise measurements even in the most harsh production environments.

Schneider Xenoplan and Cinegon compact C-mount lenses also feature a broadband anti-reflection coating for the spectral range of 400 nm to 1000 nm, which maximizes transmission and improves image contrast by reducing stray light. Combining a low-distortion design with a high-quality coating results in superior optical performance that will satisfy even the most demanding requirements of next-generation vision systems.

Schneider UV, IR, Polarizing, Neutral Density and Color filters are available with threaded mounts for easy and quick attachment to all types of lenses. The Polarizing filters have new rotating mounts that allow fast and accurate alignment of the polarization axis. A new locking mechanism fixes the polarization orientation after calibration, for long term stability. Band Pass filters enhance the image contrast capabilities of vision systems that use advanced LED lighting, by allowing light only of their specified transmission wavelength (the "pass band") to pass through, while blocking any light at wavelengths shorter or longer than the pass band. Custom versions of filters with special transmission characteristic satisfy even the most challenging requirements. In addition to standard MgF₂ anti-reflective coatings, all filters are available with Schneider's superior Multi Resistant Coating (MRC) which is a hydrophobic broadband multilayer coating that features an extremely high resistance to mechanical and environmental stress. Special V-coatings optimize optical systems for specific wavelengths.

"The use of an appropriate filter is important for optimum image quality," said Dirk Muschert, Director of Marketing of Jos. Schneider Optische Werke GmbH. "System integrators and equipment

manufacturers can derive added benefits by using our superb industrial filters in conjunction with our enhanced compact C-mount lenses.”

For further technical and contact information, please visit:

USA: <http://schneideroptics.com/industrial/>

Elsewhere: <http://www.schneiderkreuznach.com/industrialoptics>

-About Schneider:

The Schneider Group, founded in 1913 in Bad Kreuznach, Germany, is a worldwide market leader in high-quality lenses for industrial applications, photographic lenses, filters, cinema projection lenses and optical accessories. In total, Schneider has manufactured more than 15 million lenses and has created thousands of optical designs. The Schneider Group has 600 employees worldwide.

Business Unit INDUSTRIAL OPTICS

Jos. Schneider Optische Werke GmbH designs, develops, manufactures and markets optical and opto-mechanical components and subassemblies for machine vision and other image processing applications. By providing high-quality optical solutions, Schneider helps system integrators and equipment manufacturers to enhance their vision systems.

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Photo Caption:

The design of Schneider Xenoplan and Cinegon (shown) compact C-mount lenses has been upgraded to include built-in accessory threads that simplify filter mounting.

Editor please note:

A high resolution file for this image is attached.