

FOR IMMEDIATE RELEASE

Press Contacts:
Robert Schaefer (Press): 631 643-5466
Jim Sullivan (Company): 818 766-3715 x116

Schneider Expands its Line of Compact C-Mount Lenses for Machine Vision

The new Schneider Cinegon 2.1/6mm lens fills the need for a focal length between the popular Cinegon 4.8mm and 8mm lenses.

Van Nuys, CA, April 8, 2009 - Schneider Optics, a worldwide market leader in high-quality lenses for industrial applications, has introduced the 6mm Cinegon 2.1/6mm lens to its line of market-leading compact Schneider C-mount lenses for high resolution mega pixel CCD and CMOS cameras for machine vision applications. The new ultra-rugged lens is ideal for use in metrology and crash tests.

Each Schneider Cinegon compact C-mount lens features a precision iris (with the popular Schneider 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. These 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.

You can now choose from thirteen Cinegon compact lenses. If optical filters are required for your imaging needs, the new Schneider Cinegon 2.1/6mm lens, as well as the Cinegon 1.8/4.8mm and 1.9/10mm, require a filter adapter that will allow for any photographic standard M62 sized filter to be attached to the lens. All of the other focal length in the Cinegon compact lens family (8mm, 12mm, 16mm, 17mm, 23mm, 24mm, 28mm, 35mm, 50mm, 70mm) have a female filter accessory thread built into the lens.

“Adding this 6mm focal length Cinegon lens to our line is evidence of Schneider’s strong commitment to the machine vision community,” said Jim Sullivan, Schneider Optics’ Industrial Sales and Marketing Director. *“Further evidence is our customer tech support team – headed by industry expert and Schneider Vice President, Stuart Singer. This team provides unique consulting opportunities for machine vision product and system manufacturers and integrators to supplement their own design and engineering capabilities, minimize false starts and design errors, and maximize profits.”*

Schneider filters provide real operational benefits

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 a 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 characteristics 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.

About Schneider Optics

Schneider Optics is a leading manufacturer and distributor of photographic equipment. It provides the world’s highest quality photographic optics, including Schneider professional cinema projection lenses, home cinema projection lenses, world-renowned Schneider filters for motion picture and television production, B+W filters, and a wide range of lenses and accessories for digital and film photography and video.

About The Schneider Group

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. It’s Industrial Optics Business Unit 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.

For more information contact Schneider Optics, Inc., 7701 Haskell Avenue, Van Nuys, CA, 91406-1906; TEL: +1 818 766-3715 or visit www.schneideroptics.com. To contact Jim Sullivan directly, ask for x116 or email jsullivan@schneideroptics.com. To discuss your consulting requirements directly with Stuart Singer, call +1 631 761-5000 x204 or email ssinger@schneideroptics.com.

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CAPTION:
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