



SCHOTT MORITEX Releases ML-F90C-07 Lens for 16K Line Scan Cameras

New machine vision lens with high resolution accuracy

Tokyo (Japan), April 28, 2014 – **SCHOTT MORITEX**, a manufacturer of machine vision systems and image-related equipment, is currently introducing the “ML-F90C-07” lens for high-performance line scan cameras. It supports high-end applications which require greater inspection accuracy such as the inspection of fine-pitch, high-density circuit boards and high-definition LCD panels.

The key feature of the “ML-F90C-07” is resolution. The lens achieves figures of 150 lp/mm or better, maximizing the performance of the latest 16k/3.5µm sensors and bolsters. This allows for high-precision inspection applications. The lens aperture is 20% larger than those of previous models to admit at least four times as much light. The “ML-F90C-07” lens can also be used in applications requiring high-speed processing. In addition, the design corrects chromatic aberrations, making the lens optimal for applications that require accurate color reproduction.

SCHOTT MORITEX plans to expand the lineup of products in the “ML-F90C” series for high-end line scan applications.

Technical features:

- Magnification: 0.7x
- Focal length: 97.62 mm
- WD 181.3mm
- Resolution: 150 lp/mm
- Maximum applicable element size: 62.5 mm
- Design corrects chromatic aberrations to optimize the lens for use with color cameras



The SCHOTT MORITEX "ML-F90C-07" lens for 16K line scan cameras.
Photo: SCHOTT MORITEX.

Photo download link:

SCHOTT is an international technology group with 130 years of experience in the areas of specialty glasses and materials and advanced technologies. SCHOTT ranks number one in the world with many of its products. Its core markets are the household appliance, pharmaceutical, electronics, optics and transportation industries. The company is strongly committed to contributing to its customers' success and making SCHOTT an important part of people's lives with high-quality products and intelligent solutions. SCHOTT is committed to managing its business in a sustainable manner and supporting its employees, society and the environment. The SCHOTT Group maintains close proximity to its customers with manufacturing and sales units in 35 countries. Its workforce of 15,400 employees generated worldwide sales of 1.84 billion euros for the 2012/2013 fiscal year. SCHOTT AG, with its headquarters in Mainz (Germany) is owned by the Carl Zeiss Foundation.

SCHOTT MORITEX, integrated into the SCHOTT Business Unit Lighting and Imaging, develops, manufactures and distributes lighting and imaging solutions and supplies optical components and systems for machine vision, digital imaging and medical applications. SCHOTT MORITEX Corporation is listed on the first section of the Tokyo Stock Exchange. SCHOTT AG holds 71.6% of the shares of SCHOTT MORITEX Corporation.

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