



## Lenses for 3 Megapixel CCTV Cameras

### **MORITEX SCHOTT: New series of lenses for high resolution 2/3-inch moving image sensors**

**Tokyo (Japan) / Mainz (Germany), October 27, 2009 — MORITEX and SCHOTT will be introducing their latest line of top lenses for video cameras at Vision 2009. The “CCTV MP3” series offers the highest possible image quality for Closed Circuit Television (CCTV). This means industrial processes can be monitored with image resolution of 3 megapixels at distances of up to 0.2 m.**

With the “CCTV MP3” series, MORITEX and SCHOTT now offer low-index images for high resolution video surveillance systems. These systems are being used more and more frequently to perform quality assurance and remote monitoring in industrial manufacturing and research.

“With these lenses, image distortion is only between 0.011 and 0.09%,” explains Matthias Endig, Product Manager for MORITEX SCHOTT Machine Vision solutions. “This is why they deliver first class image quality for industrial image processing,” he adds.

The four compact lens models are designed for use with 2/3- inch video sensors that deliver image resolution in excess of 3 megapixels. With a focal length of between 16 and 55 mm, the aperture speed range of the lenses lies between F1.8-16 and F2.8-32. Both the focus and the aperture can be fixed manually with screws.

With a photographing distance of 0.2 m to infinite, the C-mount compatible lenses are suited for use with any type of machine vision system. To achieve homogenous illumination of the objects that are to be inspected, MORITEX and SCHOTT also offer high-performance LED and halogen light sources, including fiber optic light guides upon request.

**SCHOTT AG and  
MORITEX Corporation  
Vision 2009  
Stuttgart, Germany  
November 3 – 5, 2009  
Hall 6, Booth B15**



*About SCHOTT and MORITEX*

*The international technology group SCHOTT, based in Mainz, Germany, acquired a majority interest of 70.8% in MORITEX Corporation, Tokyo, in November, 2008 as a result of the tender offer bid. Both companies have been cooperating since June 2007 in order to further extend their position as the world's leading manufacturers for specific types of imaging and lighting solutions.*

*SCHOTT sees its core purpose as the lasting improvement of living and working conditions. To this end, the company has been developing special materials, components and systems for 125 years. The main areas of focus are the household appliances industry, pharmaceuticals, solar energy, electronics, optics and the automotive industry. The SCHOTT Group is present in close proximity to its customers with production and sales companies in all its major markets. The Group's approximately 17,300 employees generated worldwide sales of approximately 2.2 billion Euros in the fiscal year 2007/2008. The company's technological and economic expertise is closely linked with its social and ecological responsibility. The SCHOTT AG is an affiliate of the Carl-Zeiss-Stiftung (Foundation).*

*The SCHOTT Lighting and Imaging division offers a broad range of lighting and image transmission solutions especially for customers in the core industries automotive, aviation, medical, machine vision, security technology and architecture. Innovative lighting solutions and combinations of light and image transmission are being developed on the basis of LED technology and fiber optics.*

*MORITEX develops, manufactures and distributes lighting and imaging solutions and supplies optical components and systems for machine vision and digital imaging. As an established leader in machine vision systems with an impeccable track record of innovation, MORITEX is the only provider that can service all different levels from system design to integrated system solutions.*

Number of characters: 1,685 (including empty spaces)

Download link to a ZIP file that contains this photograph in print quality: <http://tinyurl.com/MORITEX-SCHOTT-CCTV-MP3>





Photo no. 236743: Lenses for 3MP CCTV cameras: With the "CCTV MP3" series, MORITEX SCHOTT offers four high-resolution lenses for 3-megapixel cameras for video surveillance in industrial manufacturing. Source: MORITEX

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[www.schott-pictures.net](http://www.schott-pictures.net)

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