

## Distant Observers

### **SCHOTT and MORITEX broaden range of telecentric lenses with 300 mm working distance**

**Mainz (Germany), November 3, 2011 – SCHOTT and MORITEX are presenting the MML05-ST300DVI at VISION 2011. The telecentric high-performance lens with 0.5-fold magnification and coaxial illumination is particularly well suited for applications in narrow working spaces. The MML-ST series with 300 mm working distance now includes four lenses with 0.5 to 4-fold magnification.**

**SCHOTT and MORITEX  
Vision 2011  
Stuttgart, Germany  
November 8 – 10, 2011  
Hall 6, Booth 6B15**

Aligning reflective surfaces and inspecting circuits on semiconductors or components on flat panel displays accurately can become difficult when e.g. deposition equipment is in the way. This is where the MML-ST series of telecentric high-performance lenses can help out thanks to their long working distance of 300 mm.

“These compact lenses can take a vital role in some demanding applications,” says Matthias Endig, Sales Manager Machine Vision Europe at SCHOTT in Mainz, Germany. “They are especially useful when a long working distance is required and a direct access to the object is hindered.”

As a distant observer, the new MML05-ST300DVI has a fixed magnification of 0.5x for a field of view (FOV) of up to 16 mm diagonally. The lens has a variable iris and is equipped with coaxial illumination. With its extremely low distortion of only 0.18%, the lens is designed for CCD sensors up to 1/2”.

*Number of characters: 1,376 (including spaces)*



More information: [www.schott.com/lightingimaging](http://www.schott.com/lightingimaging).

**About SCHOTT and MORITEX**

*SCHOTT is an international technology group that 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 more than 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 17,500 employees generated worldwide sales of approximately 2.9 billion Euros in the fiscal year 2009/2010. 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). [www.schott.com](http://www.schott.com)*

*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, and security technology. Innovative lighting solutions and combinations of light and image transmission are being developed on the basis of LED technology and fiber optics.*

*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.*

*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 one of the few providers that can service all different levels from system design to integrated system solutions. Sales in the fiscal year which ended in September 2010 were 57.7 million Euros. Moritex Corporation is listed on the first section of the Tokyo Stock Exchange.*



Download link to a ZIP file that contains the photograph in print quality:  
<http://www.schott-pictures.net/presskit/135039.mml05-st300dvi>



Picture ID 135889: The 300 mm working distance of the new lens from MORITEX and SCHOTT is particularly designed for applications in narrow working spaces. Photo: SCHOTT and MORITEX.

More press photographs are available for downloading under:  
[www.schott-pictures.net](http://www.schott-pictures.net)

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