

SCHOTT MORITEX releases “ML-U MP9” series of Fixed Focal Length lenses for large sensors

Fixed focal length lenses are designed for 9-megapixel, 1-inch camera sensors and applications involving high-precision inspections

Tokyo (Japan), August 28, 2014 – SCHOTT MORITEX, a manufacturer of machine vision systems and image-related equipment, is currently launching the “ML-U MP9” series of fixed focal length lenses for large sensors and applications involving high-precision inspections. The lenses offer the high resolution required to maximize the use of the latest 9-megapixel, 3.6 μm pixel pitch sensors.

In recent years the machine vision market has increasingly shifted towards larger sensors and higher resolutions in order to meet the market requirements for reduced takt time via higher resolution, improved recognition, and wider fields of view. In response, SCHOTT MORITEX has developed its "ML-U MP9" series of high-performance fixed focal length lenses, which offer the high resolution required to maximize the use of the latest 9-megapixel, 3.6 μm pixel pitch sensors. These lenses also support image circles of up to 1 inch for compatibility with the larger sensors. In conjunction with the latest 9-megapixel sensors, these lenses enable high-resolution imaging and more than 30% wider fields of view than the company's previous series of lenses for 2/3-inch sensors.

SCHOTT MORITEX plans to release a total of six different lenses in the "ML-U MP9" series with focal lengths ranging from 12.5 mm to 75 mm.



Technical features:

- Six models with focal lengths ranging from 12.5 mm to 75 mm
- High resolution for use with 9-megapixel cameras
- F1.4 to F1.8
- Maximum imaging circle/sensor width: 1 inch/16.8 mm



The first lens in the new SCHOTT MORITEX “ML-U MP9” series of fixed focal length lenses for large sensors is available. Photo: SCHOTT MORITEX.

Photo download link: <http://www.schott-pictures.net/presskit/258060.mlump9>

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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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