

Qioptiq mag.x system 125 now Optimized for 35 mm Camera Format Sensors

New 1.73x Tube Lens Enables mag.x system 125 Inspection Microscope to be used with Popular Camera Format for High-Resolution, Large Area Inspection and Imaging



Feldkirchen, Germany, October 26, 2016 – [Qioptiq](#), an [Excelitas Technologies®](#) Company and global technology leader focused on delivering innovative optical and photonic solutions, introduces the new 1.73x Tube Lens as a widely desired addition to the [mag.x system 125](#). Representing a new class of optical systems that enable microscope-like resolution with wide fields-of-view to support modern high-resolution sensors, the 1.73x Tube Lens makes the mag.x system 125 a perfect match for sensors with the 35 mm camera format.

The fully-modular mag.x system 125 industrial microscope system was specially developed for use with large sensors – up to 57 mm diagonal – to enable submicron resolution over large object fields. It is ideally suited for submicron imaging in inspection and measurement applications, including micro-inspection, dimensional measurement, high-resolution inspection, semiconductor inspection, display inspection and fluorescence microscopy. The unmatched optical performance of mag.x system 125 is achieved with high numerical aperture lenses that feature an exceptionally large exit pupil.

“Qioptiq is known for developing enabling microscopy technologies for inspection of large areas and objects using large area or line sensors,” said Thomas Schäffler, Director of Optical Inspection, at Qioptiq. “The addition of the new, high-end 1.73x Tube Lens optimizes our mag.x system 125 for use with the popular 35 mm camera format to deliver higher-resolution images and increased throughput for the most demanding inspection and measurement tasks.”

Numerous applications benefit from the versatility and performance of this field-proven, off-the-shelf micro imaging system. The mag.x system 125’s combination of high-resolution optics and large-format sensors expedite many inspection tasks and enable applications, which may have previously been altogether unachievable.

The 1.73x Tube Lens, as well as the entire mag.x system 125, will be on display at Vision (Hall 1 Stand H66) in Stuttgart, Germany, November 8 - 10, 2016. For more information about Qioptiq, visit www.qioptiq.com, or Excelitas, visit www.excelitas.com.

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About Qioptiq

Qioptiq, an Excelitas Technologies Company, designs and manufactures photonic products and solutions that serve a wide range of markets and applications in the areas of medical and life sciences, industrial manufacturing, defense and aerospace, and research and development. Qioptiq benefits from having integrated the knowledge and experience of Avimo, Gsänger, LINOS, Optem, Pilkington, Point Source, Rodenstock, Spindler & Hoyer and others. In October 2013, Qioptiq was acquired by Excelitas Technologies Corp., a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection and other



high-performance technology needs of OEM customers. The combined companies have approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Connect with Qioptiq on [LinkedIn](#) and [Twitter](#).

About Excelitas Technologies

Excelitas Technologies Corp. is a global technology leader focused on delivering innovative, high-performance, market-driven photonic solutions to meet the lighting, detection and other technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer, semiconductor, industrial, energy and environment, as well as defense and aerospace applications, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies acquired Qioptiq in 2013 and now has approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

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Contacts:

Scott Orr
Director of Global Marketing - Commercial
scott.orr@excelitas.com
781.996.5925

Cheryl Reynhout or Jill Anderson
On Behalf of Excelitas Technologies Corp.
SVM Public Relations
excelitas@svmmarcom.com
401.490.9700

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