

Qioptiq Introduces SlimLine™ for X-ray Diagnostics Featuring Spine Mode

New Operation Mode Automatically Optimizes Exposure, Iris and Gain for Improved X-ray Imaging of Spines



WALTHAM, Mass., February 21, 2018 – [Qioptiq](#), an [Excelitas Technologies®](#) Company and global technology leader in delivering innovative optical and photonic solutions, introduces [SlimLine™ for X-ray Diagnostics featuring Spine Mode](#). The new operation mode enables automatic optimization of overexposed images for maximum contrast and visibility of the spine.

X-ray images of spines and extremities typically suffer from low contrast because traditional automatic settings are not advanced enough for proper exposure of this specialized case, as the settings are normally selected to properly expose the whole image. In spine mode, SlimLine steadily searches for the interesting part of the picture and optimizes exposure, iris and gain just for these attributes, resulting in maximum visibility of all details of the spine, albeit other parts of the picture are overexposed.

The SlimLine system is a complete lens and camera OEM solution that has been designed and optimized especially for X-ray diagnostics. The system consists of the SlimLine lens assembly and the QioCam X-ray camera. SlimLine lens assembly offers a high-performance combination of optics (lens elements), mechanics (housing, flange), and electronics (motor control board for Iris communication). The QioCam X-ray camera is based on the high resolution and sensitivity of the latest CMOS technology.

“Spine images are a common challenge for X-ray imaging,” said Klaus Gotsch, Product Manager at Qioptiq. “We designed SlimLine for X-ray Diagnostics featuring Spine Mode to address the market demand for an improved solution. Its advanced automatic optimization technology delivers maximum contrast and visibility without the need for manual adjustment.”

SlimLine is offered as a standard product that can also be customized by OEMs to meet specific application requirements. For more information, visit www.qioptiq.com.

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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 optical technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer products, semiconductor, energy and environment, industrial sensing & imaging, defense and aerospace, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies acquired Qioptiq in 2013 and now has approximately 6,000 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

About Qioptiq



Qioptiq 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. Connect with Qioptiq on [LinkedIn](#) and [Twitter](#).

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Contacts:

Scott Orr
Senior 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