



MEDIA ADVISORY

January 23, 2017

Excelitas Technologies to Highlight New Photonics Solutions at SPIE Photonics West

WHO: [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, will showcase several new high-performance optoelectronics products at [SPIE Photonics West](#) in San Francisco, CA.

WHAT: Products on display at Excelitas' exhibit (Booth #1423) include:

- [1X4 Pulsed Laser Diode Array](#): Excelitas' new laser array for LiDAR applications combines field-proven high-efficiency, multi-cavity laser chip technology with small form-factor surface mount device (SMD) packaging for applications requiring high reliability such as autonomous vehicles and drones. Its 1X4 linear configuration minimizes space requirements in the assembly to enable smaller, less costly optical components. The new array is fully compatible with SMD pick-and-place and reflow soldering equipment, allowing it to seamlessly integrate into high-volume, low-cost assembly lines.
- [Optical Mounting Brackets for SPCM-AQRH Series](#): The new Optical Mounting Brackets are designed for use with industry standard C-mount and 1" tube and cage mount systems such as Qioptiq's market-leading [Tube](#) and [Microbench Cage Mount](#) Systems. The brackets provide optimal flexibility for the SPCM-AQRH Series in building customized single photon counting setups tailored to optical needs. In addition to Qioptiq's vast portfolio of optical components, an [adapter](#) for combining the metric Microbench System with other cage systems based on the SM1 standard is available.
- [µPAX-2 Pulsed Xenon Light Source](#): Combining an innovative lamp design with state-of-the-art circuitry and components, the new 2-Watt µPAX-2 pulsed Xenon light source provides microsecond-duration pulses of broadband light with exceptional arc stability. Applications for µPAX-2 include UV/Vis spectrophotometry, point-of-care analytics, environmental and absorption analysis, fluorescence triggering, immunoassays and microplate readers.
- [SPCM-NIR Single Photon Counting Module](#): Specifically selected and performance-optimized for the near-infrared (NIR) wavelength spectrum, this NIR-spectrum enhanced device is designed to support long-range LIDAR, quantum communication and microscopy applications, as well as many others. SPCM-NIR achieves enhanced red and NIR sensitivity while maintaining other performance parameters of Excelitas' standard [SPCM-AQRH](#), such as outstanding uniformity, overload protection, temperature stability and linearity.
- [X-Cite® Vitae™ v/R](#): A new, customizable, multi-wavelength illumination system for high-precision medical illumination and diagnostic applications, X-Cite Vitae v/R replaces traditional 180W or 300W Xenon sources. The high brightness, solid-state white light source features adjustable color temperature and repeatable output in an easily-integrative turnkey system. Vitae v/R offers a unique capability to shape the spectrum in accordance with



the camera used to obtain the desired color temperature in an image for accurate diagnosis.

- [Fetura+™ Advanced Zoom Lens](#): The enhanced, high-end Fetura+ enables high speed and reliable optical performance for machine vision, automated optical inspection and optical metrology applications. Ideal for high-throughput automated imaging applications, Fetura+ features a unique linear-rail design coupled with precision optics to enable it to travel through the 12.5:1 zoom range in less than one second. Fetura+ delivers a service life in excess of one million cycles with exacting repeatability in any orientation. It is fully compatible with components of the [Optem FUSION Lens Systems](#) for maximum economy and integration flexibility, and can be customized for special imaging requirements.
- [MachVis 5.0 Vision Lens Selection Software](#): MachVis 5.0 Vision Lens Selection Software provides an easy-to-use platform, which delivers faster and more comprehensive product data results for all LINOS Machine Vision and now Optem FUSION Micro-Imaging Lenses. MachVis software makes it easy to select the right lens for a wide variety of applications, including machine vision, microscopy, dimensional measurement, quality assurance, inspection, robotics and automated imaging.
- [OmniCure® AC8225-F+ UV LED Curing System](#): A compact, air-cooled system, OmniCure AC8225-F+ features a custom optical design that provides outstanding optical performance over longer working distances. With high peak irradiance and exceptional efficiency, the system supports increased line speeds and enables customers to realize significant cost savings from reduced electricity consumption. AC8225-F+ can be integrated into existing or new production lines, and is ideal for optical fiber coating or marking, as well as other fiber curing applications.

WHEN: January 31 – February 2, 2017

WHERE: [Moscone Center](#), San Francisco, CA. Excelitas Exhibit: Booth #1423.

For more information about Excelitas products, visit www.excelitas.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 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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