



FOR IMMEDIATE RELEASE

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## Ophir Photonics BeamGage® Laser Beam Analysis Software Adds Support for High Speed GigE Cameras

January 25, 2011 – San Francisco, CA – Ophir Photonics Group, the global leader in precision laser measurement, today announced at **Photonics West 2011** that **BeamGage®**, the company's next generation laser beam analysis software, now supports **GigE cameras** for high-speed applications. GigE (Gigabit Ethernet) cameras are low cost, high performance devices. They provide high speed, up to 1 Gigabit/s transmission rates, in a robust, miniature package (34 x 34 x 69mm). Based on the widely used Ethernet interface, the cameras are able to leverage the benefits of industry standard technology – ready availability, broad compatibility, and lower cost.

“Ethernet is the most widely used networking technology today,” stated Gary Wagner, President, Ophir-Spiricon. “Its prevalence in the industry makes it an affordable, easy to use platform. The high bandwidth supports high-speed, high-resolution cameras like the GigE. Combine these features with the sophisticated beam analysis capabilities of BeamGage and you have an ideal laser measurement system for demanding applications, like machine vision and industrial drilling, engraving, and cutting.”



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The **GigE cameras** work with **BeamGage**, the industry's first beam profiling software to be newly designed, from scratch, using the most advanced tools and technologies. Based on **UltraCal™**, Ophir-Spiricon's patented baseline correction algorithm, BeamGage provides high accuracy results, guaranteeing the data baseline (zero-point reference) is accurate to 1/8th of a digital count on a pixel-by-pixel basis. BeamGage is available in two versions: Standard and Professional. **BeamGage Standard** features **BeamMaker®** beam simulator, automatic camera control for ease of use, and a comprehensive set of beam analysis algorithms. **BeamGage Professional** adds such capabilities as partitioning of the camera output for separate analysis of multiple laser beams from sources such as fiber, a .NET interface for full remote control when integrating beam analysis into an automated application, and camera sharing.

### **Availability & Pricing**

The **GigE camera**, **BeamGage Standard**, and **BeamGage Professional** are available now. OEM pricing is available on request.

### **About Ophir-Spiricon**

Ophir-Spiricon is part of the Ophir Photonics Group. With over 30 years of experience, the Laser Measurement Group provides a complete line of instrumentation including power and energy meters, beam profilers, spectrum analyzers, and goniometric radiometers. Dedicated to continuous innovation in laser measurement, the company holds a number of patents, including **Ultracal™**, the baseline correction algorithm that helped establish the ISO 11146-3 standard for beam measurement accuracy. The recently acquired Photon family of products includes **NanoScan** scanning-slit technology, which is capable of measuring beam size and position to sub-micron resolution. The company's modular, customizable solutions serve manufacturing, medical, military, and research industries throughout the world. For more information, visit <http://www.ophiropt.com/photonics>

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