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Lumenera® Releases INFINITY-EP Camera Designed for Electrophysiology
Lumenera's New High-Speed, USB CMOS Monochrome Microscopy Camera

Ottawa, Ontario – December 13, 2016 - Lumenera Corporation, a leading manufacturer and developer of high performance digital cameras and custom imaging solutions, announced today the release of their new research-grade USB 2.0 microscopy camera. Lumenera's INFINITY-EP is a high-speed CMOS monochrome camera with 1.3 megapixel resolution.

Lumenera's INFINITY-EP digital camera is a cost-effective solution with excellent near IR sensitivity and responsivity. This camera produces crisp, incredibly low noise images and videos, which are delivered at 30 frames per second (fps) with zero lag. Lumenera's Advanced Thermal Management Technology (ATMT) eliminates dark current noise, providing high-contrast, live video preview imaging that facilitates the accurate placement of electrodes in tissue samples for electrophysiology applications.

With simple plug and play installation, the user-friendly camera is compatible with any microscope utilizing a c-mount. The INFINITY-EP uses the same API as Lumenera's other field proven 2.0 and USB 3.0 cameras, and can provide high resolution images at fast frame rates when connected to a USB 2.0 port. USB 3.0 is also supported at the same frame rate as the USB 2.0 interface.

"The INFINITY-EP was built with electrophysiologists in mind," states Todd Robinson, Product Manager at Lumenera. "Its ability to take high quality, high speed images in demanding low-light conditions makes it an ideal camera for electrophysiology and darkfield microscopy."

The INFINITY-EP comes with Lumenera's fully-featured INFINITY ANALYZE application, an image capture and analysis software package offering camera control, measurement, annotation, multispectral capture and composition, and post capture enhancement. Camera and software combine to create a complete microscopy imaging solution for even the most demanding applications. For additional information on this product or any of Lumenera's INFINITY microscopy cameras, visit www.lumenera.com.

About Lumenera

Lumenera Corporation, a division of Roper Technologies, Inc., and headquartered in Ottawa, Canada, is a leading developer and manufacturer of high performance digital cameras and custom imaging solutions. Lumenera cameras are used worldwide in a diverse range of industrial, scientific, security and astronomy applications. Lumenera solutions provide unique combinations of speed, resolution and sensitivity in order to satisfy the most demanding digital imaging requirements. Lumenera customers achieve the benefit of superior price to performance ratios and faster time to market with the company's commitment to high quality, cost effective product solutions. For further information about Lumenera, please visit www.lumenera.com or call 613-736-4077. To receive Lumenera press releases as they are issued, contact us at marketing@lumenera.com.

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