

# News Release

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**For Immediate Release**

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## **Sensors Unlimited, Goodrich Corporation's Advanced Image Analysis Software for SWIR Windowing Cameras**

**PRINCETON, NJ, May 8, 2006 – Sensors Unlimited, Goodrich Corporation ([www.oss.goodrich.com](http://www.oss.goodrich.com) – click on [SUI-Sensors Unlimited](#)) offers enhanced imaging demonstration software which allows full operational control of the high-speed windowing functions on the **SU320MSW-1.7RT Shortwave Infrared (SWIR) Windowed Snapshot MiniCamera** and the recently introduced **SU640SDWH-1.7RT High Resolution SWIR Windowing Camera**.**

Featuring unparalleled temporal control and sensitivity, the proprietary **SUI Image Analysis Software** is provided at no additional charge when paired with any new SWIR cameras purchased from Sensors Unlimited, Goodrich Corporation.



The standalone, executable software options include full control of four preset regions of interest (ROI) or windows, in the center of the frame. Alternatively, variable windows can be established by the user through this new software interface. The user may select the position, size, (from a 640 x 512 pixel window on the SU640SDWH or a 320 x 256 pixel window on the SU320MSW, down to 16 x 16 windows on either camera), and shapes (square or rectangle). The user may also perform image enhancements (e.g. histogram equalization, etc.) on captured images and save the images in a movie format with or without NUCs and/or enhancements.

Easy to use, the PC-based image acquisition, analysis, storage and retrieval software includes line profiles, region histograms and spot meter ROI display features. It works with National Instruments 1422 (RS-1422) and 1428 Frame grabber cards with CameraLink® compatible interface, utilizing the LabVIEW™ Run-Time Engine 6.1. Compatible with Windows 2000 or Windows XP, Sensors Unlimited's advanced image analysis software records, plays back and stores AVI movies of SWIR image sequences.

Ideal for near-infrared imaging applications such as image capture of fast-moving objects, SWIR motion analysis, and thermal imaging of combustion or rocket plumes. Can also be used for machine vision, pulsed laser beam profiling and other applications where advanced windowing test and functionality is required.



Sensors Unlimited, Goodrich Corp. has pioneered the design and production of shortwave infrared components, cameras and systems utilizing advanced InGaAs imaging technology for industrial, commercial, military, agricultural and biomedical markets. For additional information on InGaAs-based shortwave infrared imaging detectors, arrays and systems, visit Goodrich's Optical and Space Systems division homepage at [www.oss.goodrich.com](http://www.oss.goodrich.com) and click on the [SUI-Sensors Unlimited](#) link.

Goodrich Corporation, ([www.goodrich.com](http://www.goodrich.com)) a *Fortune* 500 company, is a global supplier of systems and services to aerospace, defense and homeland security markets. With one of the most strategically diversified portfolios of products in the industry, Goodrich serves a global customer base with significant worldwide manufacturing and service facilities.

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