

News Release

For Immediate Release

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Sensors Unlimited, Inc. Announces Higher Line Rate for NIR, High Speed, High Resolution Digital Line Scan Camera

- Enhanced feature offers >46,000 lines per second; ideal for OCT applications

PRINCETON, NJ, JAN. 16, 2008 – **Sensors Unlimited, Inc.**, part of Goodrich Corporation, global suppliers of shortwave infrared (SWIR) imaging systems based on indium gallium arsenide (InGaAs) technology, announces a higher line rate for the high resolution **SU-LDH**



Digital Line Scan Near-Infrared Camera. The revolutionary, near infrared (NIR) InGaAs camera increases line rates for 1024 pixels to greater than 46,000 lines per second, making it ideal for FD-OCT (Fourier domain optical coherence tomography). For high-data-rate industrial process control and machine vision, the new SU-LDH provides wavelength response from 0.8 to 1.7 microns.

The SU-LDH camera features high sensitivity, room-temperature-stabilized operation and integrate-while-read capability for faster readout speeds with minimal dead time. The next-generation high speed imager is also used for hot glass and metals processing, agricultural inspection, wood inspection, remote ground sensing, materials classification and sorting, and high-speed spectroscopy.

Two papers will be presented at SPIE's BiOS-Photonics West Conference 2008 (San Jose, CA) on the new high-speed camera and linear arrays:

- **Monday, Jan. 21, 2008 from 3:00 – 3:20 PM-** “Development of high speed InGaAs linear array and camera for OCT and machine vision” by Robert Brubaker, Douglas S. Malchow, Hai Nguyen, Kevin Flynn, of Sensors Unlimited, Inc., part of Goodrich Corp. Paper 6890-16 of Conference 6890.



- **Monday, Jan. 21, 2008 from 5:00 – 5:15 PM-** “High speed (47,000 lines/s), High resolution Fourier domain optical coherence tomography system at 1060 nm” by Peter Forbes, Prabakar Puvanathan, Univ. of Waterloo (Canada); Douglas Malchow, Sensors Unlimited, Inc., part of Goodrich Corp.; Kostadinka K. Bizheva, Univ. of Waterloo (Canada). Paper 6847-25 of Conference 6847.

Doug Malchow, Manager, Commercial Business Development, Sensors Unlimited, Inc., will also be presenting a Product Demonstration on the new SU-LDH camera at Photonics West on Wednesday, January 23, 2008 at 11:30 AM in Hall 3, Demo Area II. For more information, please visit both Sensors Unlimited Exhibitor Booths at Booth #8336 at BiOS (Jan. 19-20, 2008) and at Booth #1344 at Photonics West (Jan. 22-24, 2008), San Jose, California.

Goodrich’s SUI team, Sensors Unlimited Inc., based in Princeton, NJ, has pioneered the design and production of NIR and SWIR cameras and systems utilizing advanced Indium Gallium Arsenide (InGaAs) imaging technology for industrial, commercial, military, agricultural, and scientific markets. For additional information on InGaAs-based shortwave infrared imaging detectors, arrays, and systems, please visit www.sensorsinc.com.

Goodrich Corporation, 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. For more information, visit <http://www.goodrich.com>.

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