

News Release

For Immediate Release

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Sensors Unlimited, Inc. Announces High Sensitivity, Extended Shortwave Infrared Wavelength Linear Arrays for Advanced Imaging Tasks

- Developed for broad wavelength range and multi-channel spectrometer designs

PRINCETON, NJ, MARCH 11, 2008 – **Sensors Unlimited, Inc.**, part of Goodrich Corporation, global suppliers of shortwave infrared (SWIR) imaging detectors and systems based on indium gallium arsenide (InGaAs) technology, introduces the new LC Series Linear Photodiode Arrays. The new SU256LCS-2.6T2 detector array is available with 256 elements of extended response InGaAs material. Designed for broad wavelength range from 0.9 microns to 2.6 microns, the LC Series offers a comprehensive feature set from our proprietary ROIC to maximize instrument design flexibility.



The LC photodiode array package design includes a two-stage TEC and thermally optimized materials for multi-channel spectrometers that require high sensitivity, low power consumption, and long-term stability. The LC InGaAs photodiode array has a large active area, 50 micron x 250 micron pixel size. Sensors Unlimited, Inc.'s proprietary readout integrated circuitry provides an autozero function that significantly reduces dark current and fixed pattern non-uniformity. A serial command input allows the user to select one of four gain settings and to control readout timing and exposure. Applications include biomedical analysis, industrial process control and possible alternative instrumentation to FT-NIR instruments.

Sensors Unlimited, Inc. will be debuting its 2.6 array at SPIE's Defense and Security Symposia in Orlando, Fla., March 18 – 20, 2008 at booth #717.



Goodrich's Princeton, NJ team, Sensors Unlimited Inc., 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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