

Sensors Unlimited, Inc., part of Goodrich Corporation Offers Compact, High Sensitivity NIR/SWIR Cameras for Unmanned Vehicles

- KTX and KTSX cameras increase both day and night time image sensitivity.

PRINCETON, NJ, JUNE 10, 2008 - Sensors Unlimited, Inc., part of Goodrich Corporation, now offers the NIR/SWIR imaging capability for UAV and UGV (unmanned aerial and ground vehicle) applications. The KT camera family features the new night vision and laser detection capability that images from the NIR (near infrared) to the SWIR (shortwave infrared) portion of the spectrum, including what night vision goggles can and cannot see. Available in small, lightweight, high sensitivity camera packages with 320 x 256 pixel or 640 x 512 pixel resolution, the compact imagers are ideal for integration into UAV payloads.

New processing techniques developed by Goodrich's Sensors Unlimited, Inc. team have pushed capabilities of the NIR/SWIR camera to see light wavelengths from 0.7 microns to 1.7 microns, whereas traditional night vision cameras can detect wavelengths up to roughly 1.0 microns. NIR/SWIR's expanded capabilities allow the end user to detect and track a wide range of military lasers. Because InGaAs (indium gallium arsenide) night vision (NV) technology detects light, unlike today's small thermal NV cameras that detect heat signature, Goodrich's compact NIR/SWIR cameras provide exceptional clarity in both day and night conditions, from partial starlight to direct sun illumination.

The tiny imagers utilize the company's proprietary indium gallium arsenide-night vision (InGaAs-NV™) technology to detect and track a broad range of battlefield infrared lasers with heightened night and day time sensitivity. The KT cameras are suited for integration into night vision and laser detection systems on unmanned vehicles, rifle scopes, precision-guided munitions and hostile fire indicators.

Goodrich will demonstrate the compact InGaAs NIR/SWIR cameras at the Goodrich Booth #1029, during AUVSI's Unmanned Systems North America Show, San Diego Convention Center, San Diego, CA, June 10-12, 2008.

Goodrich's Sensors Unlimited Inc. team, 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 www.goodrich.com.

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