

# News Release

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**For Immediate Release**

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## **Sensors Unlimited, Goodrich Corporation Introduces Revolutionary, High Sensitivity, Shortwave IR Camera for Military and Commercial Use**

**PRINCETON, NJ, April 17, 2006 –** **Sensors Unlimited, Goodrich Corporation** ([www.oss.goodrich.com](http://www.oss.goodrich.com) – click on [Sensors Unlimited](#)), introduces the revolutionary, shortwave infrared (SWIR) **SU320KTX-1.7 RT**, the first camera in the new **KT Camera** family. The ultra-compact (less than 3.8 in.<sup>3</sup>) and light (less than 90g) camera, originally developed for the U. S. Army's Soldier Mobility and Rifle Targeting System, is now available for industrial and commercial OEM use. Designed for low-light conditions and day/night operation, the indium gallium arsenide (InGaAs) KTX camera offers wide dynamic range imaging in partial starlight to direct sun illumination. It delivers clear, real-time video images, ideal for passive surveillance and for use with lasers.



The new KTX camera features the highest sensitivity available in the 900 nm to 1700 nm wavelength range with a 320 x 240 pixel format on a 40-micron pitch focal plane array. The low-power (less than 1.6 W), all solid-state SWIR imager operates at room temperature and features onboard non-uniformity corrections, auto gain and enhanced display algorithms, making it perfect for integrating into surveillance, robotic or handheld systems.

Available in either the compact OEM module at <3.8 in.<sup>3</sup> or enclosed in a robust housing at <10.1 in.<sup>3</sup>, both camera packages include a C-mount lens adapter and lens. The KTX also features simultaneous Camera Link® digital output, providing high quality 12-bit images for image processing and transmission.

Applications include all low-light-level imaging tasks, such as covert surveillance, imaging spectroscopy, astronomy, emission microscopy, machine vision and more. The highly sensitive KTX camera is ideal for easy integration into unmanned aerial and ground vehicles, robotic, handheld and portable systems.



The company will be premiering the new KTX Camera at SPIE's Defense and Security Symposium, April 18 – 20, 2006 in Orlando, Florida. Please stop by Booth #310 for a live demonstration.

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 [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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