



## News Release

### For Immediate Release

Karen Jeffers +1 (609) 520-0610  
Karen.Jeffers@goodrich.com

**Sensors Unlimited, Inc.**,  
part of Goodrich Corporation  
3490 Route 1  
Building 12  
Princeton, New Jersey  
08540-5914  
www.sensorsinc.com  
Ph.: 1-609-520-0610  
Fax: 1-609-520-0638

### **Sensors Unlimited Introduces Mil-Hardened InGaAs SWIR Video Camera**

- New SU320HX shortwave infrared camera is designed for rugged military imaging operations

PRINCETON, NJ, MARCH 31, 2010 – Sensors Unlimited - Goodrich ISR Systems announces a new mil-hardened, uncooled, InGaAs (indium gallium arsenide) SWIR (shortwave infrared) video camera for military applications. Small and ultra-compact, the high sensitivity SU320HX video camera is designed for use in military imaging systems that are deployed and operate in harsh environments under extremely rugged conditions. Built on Goodrich's highly successful KT camera platform, the SU320HX also includes the recently announced image enhancement functions for backward compatibility in existing applications.

Shortwave infrared imaging systems, based on InGaAs technology, have the capability to image through atmospheric obscurants, such as haze, fog, smoke, and dust. This combines with the ability to image during daytime or nighttime, including "crossover" hours at dawn and dusk, making InGaAs-SWIR video cameras especially useful for surveillance in manned and unmanned airborne and/or ground systems. Also ideal for surveillance applications and marine intelligence tasks, the Goodrich SU320HX solid-state camera is smaller, lighter weight and consumes much less power than cooled mid-wave or long-wave infrared imagers and the competing germanium-based IR cameras.

Sensors Unlimited's new mil-hardened camera will premier at SPIE's Defense, Security and Sensing (DSS) show, April 6-8, 2010 in Orlando, FL. Please stop by Goodrich's booth #825 for a demonstration.

Sensors Unlimited, Inc., part of Goodrich ISR Systems, 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. Recently, Sensors Unlimited's cameras were used on NASA's successful LCROSS mission detecting moisture on the moon. For additional information on InGaAs-based shortwave infrared imaging detectors, arrays, and systems, please visit [www.sensorsinc.com](http://www.sensorsinc.com).



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