

For Immediate Release

Dr. Martin H. Ettenberg +1 609 520 0610

Martin.Ettenberg@goodrich.com

SUI™

(Sensors Unlimited, Inc.)

3490 Route 1

Building 12

Princeton, New Jersey

08540-5914

www.isr.goodrich.com/sui

Ph.: 1-609-520-0610

Fax: 1-609-520-0638

SUI Introduces SWIR SU320KTS – Compact Snapshot InGaAs SWIR Video Camera

PRINCETON, NJ, MAY 8, 2007– SUI (Sensors Unlimited, Inc.), part of Goodrich Corporation, global suppliers of shortwave infrared (SWIR) imaging systems based on indium gallium arsenide (InGaAs) technology, introduces the new SU320KTS family of snapshot video cameras. The **SU320KTS-1.7RT InGaAs SWIR Camera** provides high response from 0.9 micron to 1.7 micron, and the analogous **SU320KTSVis-1.7RT Visible-InGaAs™ SWIR Camera** features extended



wavelength response into the visible from 0.4 micron to 1.7 micron. The cameras' snapshot feature provides image capture from pulsed events or moving objects within one frame. This imager provides a low cost alternative to the recently released SU640KTSX-1.7RT.

Low power (less than 2W) and lightweight (OEM modules are less than 90g and camera bodies less than 270g), the cameras are ideal for system integration in machine vision, environmental, industrial and military imaging tasks. The all-solid-state video cameras are available with a 320 x 256 pixel format on a 25 micron pitch, advanced automatic gain control (AGC), image enhancement and built-in non-uniformity corrections (NUCs). A variety of camera configurations are integrated in the camera, allowing for diverse applications that may require either corrected modes with variable integration time and constant gain, or variable gain and constant integration time.

The camera provides simultaneous 12-bit Camera Link® digital and EIA-170 analog outputs making the SU320KTS and SU320KTSVis cameras highly suited for pulsed laser beam profiling and hyperspectral imaging. Other applications include machine vision of moving objects and thermal imaging through standard glass optics at temperatures above 150 degrees C.



Goodrich's SUI team (Sensors Unlimited Inc), based in Princeton, NJ, has pioneered the design and production of 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.isr.goodrich.com/sui.

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