

NEWS RELEASE

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For Immediate Release

Sensors Unlimited's New Digital Linescan Camera Family Offers High Resolution in the Near-Infrared

March 25, 2005 – Princeton, NJ – Sensors Unlimited, Inc. (SUI), manufacturers of shortwave infrared (SWIR) sensors and near-infrared (NIR) imaging systems made with indium gallium arsenide (InGaAs) technology, introduces the new family of **Linear Digital Video (LDV) Linescan Cameras** for high resolution machine vision and spectroscopy.



The revolutionary low noise, high dynamic range, high-line-rate platform works with any of Sensors Unlimited's standard linear arrays (from 800 nm to 1700 nm) and their extended wavelength arrays (from 1100 nm to 2200 nm). Available with a 25 micron pitch or a 50 micron pitch, several array geometries may be selected with pixel counts of 256, 512 or 1024.

The new linear digital video linescan cameras feature easy interface to optics and electronics. Like all of SUI's indium gallium arsenide near-IR cameras, the new compact and rugged LDV shortwave infrared camera line operates at room temperature and works with standard glass optics. Other features include Camera Link® compatible, 14-bit digital output with continuous or triggered scanning modes and asynchronous operation.

Ideal for applications in machine vision and spectroscopy, the SUI Linear Digital Video Linescan Camera family is useful for inspection of agricultural and food products, wood, glass and metals. For medical applications, this camera line is perfectly suited for optical coherence tomography of living tissue. The LDV family can be utilized for remote ground sensing, industrial materials classification and sorting, optical channel monitoring and telecommunications fiber and waveguide alignment and/or production control. Compact and light, with high quantum efficiency, the new LDV Linescan Cameras are easy to operate and require very low maintenance.

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Sensors Unlimited, Inc. (SUI), founded in 1991 to pioneer design and production of near-infrared detectors, is the world leader in indium gallium arsenide (InGaAs) imaging technology. With in-house capabilities, Sensors Unlimited manufactures advanced infrared cameras, short-wave infrared and near-IR focal plane arrays and revolutionary high speed PIN and avalanche photodiodes. Their proprietary foundry and expertise delivers reliable, high performance products for a variety of critical military, security, industrial, commercial and telecommunications industries. Applications include covert surveillance, machine vision, night vision, health and safety protocols, historical art inspection and more. Please visit www.sensorsinc.com for more information.