



FOR IMMEDIATE RELEASE

## **PANAVISION IMAGING RELEASES RAPID DEVELOPMENT KIT FOR LINE SCAN CMOS IMAGE SENSORS**

**Kit Enables Rapid Development of Barcode, Spectroscopy, Touch Screen, OCR,  
Machine Vision, Measurement and other applications for Consumer, Industrial  
Automotive, and Scientific markets**

Homer, New York, USA, March 21, 2007 – Panavision Imaging LLC has released the Unified Line Scan Development Kit. This kit now supports all line scan image sensors produced by Panavision Imaging LLC. This kit enables customer's to rapidly prototype their imaging applications by providing all of the necessary functions to acquire images from the sensor and send them to a PC. The kit is capable of capturing and displaying actual images in a 2D format on a PC over a USB interface. Barcodes, light spectra, or other images are shown on the PC screen as 'the sensor sees them'. A built in trace function also displays line data as would be seen on an oscilloscope, and actual image data can be stored in a data file for further analysis.

The user programmable kit consists of 2 boards; a motherboard and a sensor specific daughtercard. The kit automatically configures itself for the attached daughtercard, allowing daughtercards to be easily interchanged. This design allows the kit to support next generation sensors as well.

The kit currently supports the ELIS-1024, LIS-1024, LIS-500, RPLIS-2048, and SLIS-2048 line scan sensors. These sensors utilize Panavision Imaging's patented Active Column Sensor (ACS®) architecture, to improve image quality and speed. Panavision's line scan sensors are found in many products such as toys, consumer appliances, barcode readers, optical touch screens, laser triangulation, metrology, spectroscopy, and many others.

"This kit provides a rapid test and development platform for our customers to easily test our products in their application," said Terry Zarnowski, Director of Marketing for Panavision Imaging. "Additionally the customer can add their own functionality to the FPGA to further develop their application. We also provide full schematics, board layout and source code. This kit will dramatically reduce prototyping time and thus improve time to market and revenue for most customers."

### **About Panavision Imaging:**

Based in Homer, New York, Panavision Imaging, LLC is an innovator and developer of high performance image sensors and related technology. The company's products are based on several patented and patent pending technologies including Active Column Sensor™ (ACS®), XtremePIX™, and others. Offering sensors in 2D array, line scan and custom, their products are found in many high-end imaging applications such as high resolution video, X-ray, barcode, spectrometry and others, serving the consumer, commercial, scientific and industrial markets. Panavision Imaging products and technology have demonstrated advantages over competing imaging technologies such as CCD and CMOS APS. For more information please visit [www.PanavisionImaging.com](http://www.PanavisionImaging.com).

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