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NEWS RELEASE

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FOR IMMEDIATE RELEASE

Image Sensing Systems Added to Russell Microcap Index

Saint Paul, Minn., July 2, 2008-- Image Sensing Systems, Inc. (NASDAQ: ISNS), announced today that it has been added to the Russell Microcap Index after the Russell Investment Group reconstituted its comprehensive set of U.S. and global equity indexes on June 27, 2008.

Russell indexes are widely used by investment managers and institutional investors for both index funds and as benchmarks for passive and active investment strategies. Image Sensing will hold its membership until Russell reconstitutes its indexes in June 2009.

The annual reconstitution of the Russell Microcap Index captures the 1,000 smallest U.S. stocks in the Russell 2000, plus the next 1,000 stocks as of the end of May.

About Image Sensing

Image Sensing Systems, Inc. is a technology company specializing in software-based detection solutions for the Intelligent Transportation Systems (ITS) sector and adjacent overlapping markets. Our industry leading computer enabled detection (CED) products, including the Autoscope® machine-vision family and the RTMS® radar family, combine embedded software signal processing with sophisticated sensing technologies for use in transportation and safety/surveillance management. CED is a group of technologies in which software, rather than humans, examines the outputs of complex sensors to determine what is happening in the field of view in real-time. With more than 80,000 instances sold in over 60 countries worldwide, our depth of experience coupled with breadth of product portfolio uniquely positions us to provide powerful hybrid technology solutions and to exploit the convergence of the traffic, security and environmental management markets. We are headquartered in St. Paul, Minnesota. Visit us on the web at imagesensing.com.