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NEWS RELEASE

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FOR IMMEDIATE RELEASE

AUTOSCOPE SOLO[®] SELECTED FOR EXPO 2000 WORLD'S FAIR

Saint Paul, Minnesota- April 28, 2000 – Image Sensing Systems, Inc. (ISS) (Nasdaq SmallCap: ISNS) announced today that Autoscope Solo[®] has been selected for use as the exclusive video vehicle detection system in the Expo 2000 World's Fair in Hannover, Germany where several Autoscope Solo systems will be integrated into portable traffic monitoring and variable message sign stations to control the large volume of vehicular traffic. Autoscope Solo was selected in a competitive evaluation process against several other video detection systems by MOVE, the company responsible for all traffic management during the exposition, which opens on June 1, 2000 and continues for 153 days.

The contract was awarded to DataCollect GmbH & Company KG, the exclusive Autoscope distributor in Germany, and represents an initial sale of 9 Autoscope Solo units.

Bill Russell, Chairman and CEO of ISS, while attending the ITS America traffic conference in Boston (MA) said today, "The selection by MOVE of Autoscope Solo for vehicle detection and traffic data collection tasks at the Expo 2000 World's Fair is significant, since there was a lengthy field evaluation of Autoscope against other systems available worldwide. Autoscope Solo was selected because of its accuracy and ease of system set-up and configuration. We are thrilled to participate in the 2000 World's Fair, just as we enjoyed Autoscope's role in the Summer Olympic Games in Atlanta (GA) and the Winter Olympics in Korea."

Based in Saint Paul, Minnesota, Image Sensing Systems, Inc., the developer and marketer of Autoscope, is the world leader in products applying video imaging technology for implementation in advanced traffic management systems (ATMS). Autoscope functionality includes intersection detection, automated freeway incident detection and traffic data collection to help reduce traffic congestion, fuel consumption, air pollution, travel time, enhance motorist safety and improve roadway planning. ISS has more than 3,000 Autoscope systems, processing images from more than 10,000 traffic detection cameras installed in more than 30 countries around the world, including a large number of U.S. cities. The Company is particularly suited to provide technical solutions to the emerging ITS market worldwide.

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Autoscope in Expo 2000-Germany

Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995: This report contains “forward-looking statements” made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. There are certain factors that could cause results to differ materially from those anticipated by some of the statements made, as listed in the Company’s 1999 Annual Form 10-KSB.

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