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FOR IMMEDIATE RELEASE

COLOGNE, GERMANY TO REPLACE INDUCTIVE LOOPS WITH AUTOSCOPE SOLO™ VIDEO VEHICLE DETECTION

Saint Paul, Minn. — March 21, 2000 — Image Sensing Systems, Inc. (ISS) (Nasdaq SmallCap: ISNS) announced today that the city of Cologne, Germany has authorized the purchase of the first Autoscope Solo™ video vehicle detection systems that are part of a citywide plan to replace in-ground detection systems with Solo. The purchase was authorized after the successful field-testing of three Autoscope Solo systems and comparison with other technology. The City of Cologne plans system-wide expansion of Autoscope Solo that will be used for vehicle detection, traffic data collection and traffic surveys, which facilitate traffic management and planning.

The Autoscope Solo purchase was awarded to DataCollect GmbH & Company KG, exclusive Autoscope distributor in Germany. DataCollect holds the annual contract for traffic data collection services for the City of Cologne, Germany.

Bill Russell, Chairman and CEO of ISS said, “The initial purchase and plans of Cologne to install Autoscope Solo on a citywide network is quite significant. Autoscope Solo is the only known video detection product capable of fully automated IP-level networking over copper wire and fiber-optic infrastructure. The flexibility and detection accuracy which our Autoscope Solo system will provide to Cologne will be of substantial benefit and cost savings in traffic infrastructure and enhanced motorist safety for many years to come.”

Based in Saint Paul, Minn., 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, 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 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.

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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