



IRVINE SENSORS CORPORATION NEWS RELEASE

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FOR IMMEDIATE RELEASE

IRVINE SENSORS SETS 3rd QUARTER CONFERENCE CALL
Web cast scheduled for Monday, August 15, 2005 at 1:15 PM (Pacific Daylight Time)

COSTA MESA, CALIFORNIA -- August 8, 2005 -- Irvine Sensors Corporation (NASDAQ: IRSN, Boston Exchange: ISC) today announced that it will host a conference call to discuss results of its third quarter of fiscal 2005, the 13 and 39 weeks ended July 3, 2005, on Monday, August 15, 2005 at 1:15 PM Pacific Daylight Time (“PDT”).

Irvine Sensors’ CEO John C. Carson and CFO John Stuart will host the conference call. The call will be broadcast live over the Internet and can be accessed by all interested parties via a link on Irvine Sensors’ homepage at www.irvine-sensors.com. To listen to the live call, please go to the Irvine Sensors website at least fifteen minutes prior to the start of the call to register, download, and install any necessary audio software. For those unable to monitor the live broadcast, a conference call replay will be available shortly after the conclusion of the call, and remain archived on the Irvine Sensors site through Friday, August 26, 2005.

Analysts and investors who wish to participate in the live Question and Answer session of the call may request a dial-in number from the Company’s Investor Relations by providing name and contact information via e-mail to investorrelations@irvine-sensors.com prior to 12 PM, noon, PDT on Friday, August 12, 2005. Those unable to participate in the live Q & A session may submit written questions for consideration to the same e-mail address by noon PDT on the day of the call. If time permits, some e-mailed questions may be addressed in the Q & A session.

Irvine Sensors Corporation (www.irvine-sensors.com) and its subsidiaries, headquartered in Costa Mesa, California, are primarily engaged in the development and production of high-density electronics, image processing and sensing devices, and low power integrated circuits which are intended to have broad applications in military and commercial systems.

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