

**NEWS RELEASE**

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**IRVINE SENSORS ANNOUNCES THE IMMEDIATE AVAILABILITY OF NEW PERSONAL  
MINIATURE THERMAL VIEWER® (PMTV®) PRODUCTS**

FOR IMMEDIATE RELEASE

COSTA MESA, CALIFORNIA -- February 21, 2007 -- Irvine Sensors Corporation (NASDAQ: IRSN, Boston Stock Exchange: ISC) announced today that it is now accepting orders for an expanded family of its proprietary Personal Miniature Thermal Viewers (PMTVs). The basic PMTV, available for over a year, is a 320 x 240 resolution, battery-operated thermal imager that provides crisp vision in total darkness or broad daylight based on the temperature of objects in the scene and which fits comfortably in the palm of a user's hand. Since its inception, this version of the PMTV has been the smallest, lowest power, and lightest thermal viewer on the market at this performance level. PMTV was the first thermal camera to provide "instant on" performance, eliminating tedious and potentially dangerous lengthy warm-ups.

Irvine Sensors is now offering PMTVs in ruggedized forms to survive impact, submersion in water, and to perform in the presence of intense electromagnetic interference, while retaining size, weight, and power advantages. In addition, an enhanced resolution PMTV is now available in a 640 x 480 format. Both the basic and enhanced resolution PMTVs are available with various lenses covering fields of view from 20° to 40° and featuring electronic zoom. All versions are also available with a laser pointer. The miniature thermal imaging cores of each of the PMTV products are also available for integration into application-specific customer products. To date, Irvine Sensors has shipped thermal imaging cores for use in weapon sights, periscopes, and night vision goggles.



320 x 240 PMTV II



640 x 480 PMTV III



640 x 480 Imaging Core

The current PMTV family of products, owing to its high performance, is export controlled. Irvine Sensors plans to introduce lower performance versions to the broad consumer market in the future. Potential customers for the PMTVs are urged to contact Tom Schilling, General Manager, Product Development, at [tschilling@irvine-sensors.com](mailto:tschilling@irvine-sensors.com) for further information regarding pricing and delivery.

Irvine Sensors Corporation ([www.irvine-sensors.com](http://www.irvine-sensors.com)), headquartered in Costa Mesa, California, is a vision systems company engaged in the development and sale of miniaturized infrared and electro-optical cameras, image processors and stacked chip assemblies, the manufacture and sale of optical systems and equipment for military applications through its Optex subsidiary and research and development related to high density electronics, miniaturized sensors, optical interconnection technology, high speed network security, image processing and low-power analog and mixed-signal integrated circuits for diverse systems applications.

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Personal Miniature Thermal Viewer and PMTV are registered trademarks of Irvine Sensors Corporation.

**Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:** This message may contain forward-looking statements based on our current expectations, estimates and projections about our industry, management's beliefs, and certain assumptions made by us. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates," "may," "will" and variations of these words or similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to, our expectations regarding our ability to meet the PMTV functional specifications of potential customers. Such statements speak only as of the date hereof and are subject to change. We undertake no obligation to revise or update publicly any forward-looking statements for any reason. These statements are not guarantees of future performance and are subject to certain risks, uncertainties and assumptions that are difficult to predict. Therefore, our actual results could differ materially and adversely from those expressed in any forward-looking statements as a result of various factors.

Important factors that may cause such a difference include, but are not limited to, our ability to successfully meet potential customers' delivery requirements; the ability of our suppliers to meet our parts requirements; the pricing of key components of our PMTV from our suppliers and the general economic and political conditions and specific conditions that may impact potential markets for our PMTVs. Further information on Irvine Sensors Corporation, including additional risk factors that may affect our forward looking statements, is contained in our Annual Report on Form 10-K, our Quarterly Reports on Form 10-Q, our Current Reports on Form 8-K and our other SEC filings that are available through the SEC's website ([www.sec.gov](http://www.sec.gov)).