

## **Bosch Delivers Industry's Longest Range Active Infrared Imaging System for Critical Applications** GVS1000 provides high quality images at 1 km in complete darkness

January 5, 2010

*Fairport, N.Y.* – Bosch Security Systems, Inc. has announced the GVS1000 Long Range Imaging System, an integrated day/night, pan/tilt/zoom surveillance solution for critical security applications. The GVS1000 system provides full Detection, Classification, Recognition and Identification (DCRI) capabilities in total darkness, meeting the highest level of performance for nighttime surveillance.

With 3,280 feet (1 kilometer) of recognition-level imaging and 3,937 feet (1200 meters) of classification-level imaging, the GVS1000 delivers the details, such as clothing or letters, necessary for determining whether an object or person is friend or foe. This level of long-range imaging – nearly impossible to obtain with other nighttime surveillance technologies – is often required for critical applications, such as maritime monitoring, transportation surveillance and extended perimeter security.

The GVS1000 is equipped with advanced optics, including an IR-corrected, long range lens capable of 60x optical zoom. With a focal length of 12.5-750 mm or 25-1500 mm, the lens works in conjunction with the high performance Bosch Dinion sensor to produce ultra-high quality images at far distances in day and night conditions.

The GVS1000 uses two sets of active IR illuminators for both long and medium-to-short range nighttime imaging, eliminating the safety concerns commonly associated with laser-based infrared systems. Users can control IR illumination manually or can configure it to turn on and off automatically using a photocell.

A high precision pan and tilt motor and rugged all-weather design, including weatherproof housing and integrated wiper, ensure the GVS1000 is suitable for precise imaging in the most extreme weather environments. Users can operate the system with a single joystick keyboard controller for maximum simplicity.

For more information on the GVS1000, please visit [www.boschsecurity.us](http://www.boschsecurity.us).

**Contact person for press inquiries:**

Andrea Gural

Eclipse Media Group

Phone: 207-319-7372

Email: [agural@eclipsemediagroup.net](mailto:agural@eclipsemediagroup.net)

*The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial technology, consumer goods, and building technology, some 280,000 associates generated sales of 45.1 billion euros (\$66.4 billion) in fiscal year 2008. The Bosch Group comprises Robert Bosch GmbH and its more than 300 subsidiaries and regional companies in over 60 countries. Including sales and service partners, Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Each year, Bosch spends more than 3.5 billion euros (\$5.7 billion), or eight percent of its sales revenue, for research and development and applies for over 3,000 patents worldwide. With all its products and services, Bosch enhances the quality of life by providing solutions which are both innovative and beneficial.*

*In North America, the Bosch Group manufactures and markets automotive original equipment and aftermarket products, industrial drives and control technology, power tools, security and packaging technology, thermotechnology, household appliances, solar energy and healthcare. Bosch employs nearly 24,000 associates in more than 70 locations throughout the U.S., Canada and Mexico, with reported sales of \$8.6 billion in fiscal 2008. For more information on the company, visit [www.boschusa.com](http://www.boschusa.com).*

*Bosch Security Systems, Inc., a division of the Bosch Group, develops and markets a broad range of products and systems for security, video surveillance, life safety, personnel and asset tracking applications, as well as for communication and professional audio installations. Worldwide, Bosch Security Systems employs more than 11,000 associates and reported sales of \$2 billion in fiscal 2008. For more information, visit [www.boschsecurity.us](http://www.boschsecurity.us) or call (800) 289-0096.*

*Note: Figures based on 2008 conversion rate of 1 Euro = \$1.4710 U.S.; 2007 rate of 1 Euro = \$1.3704 U.S.*