



## **Bosch Introduces Long-Range Infrared Imager for Maximum Flexibility in Perimeter Surveillance**

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*Fairport, N.Y.* – Bosch Security Systems, Inc. has released the ZX55 Infrared Imager, a long-range camera that provides a powerful night imaging solution for critical outdoor surveillance applications. Available in IP and analog, the camera captures detailed scenes up to 1,000 feet (300 meters) in total darkness, making it ideal for perimeter surveillance, critical asset monitoring or force protection applications.

Advanced optics provide users the ability to monitor long stretches of perimeter with a wide-angle field of view or to narrow the scene to a particular asset or section of perimeter. Using Black Diamond infrared illumination technology and a 9-90 mm varifocal, IR-corrected lens, the ZX55 captures the details needed to distinguish facial features at distances of up to 350 feet (110 meters). The camera delivers full Detection, Classification, Recognition and Identification (DCRI) capabilities, meeting the highest level of performance for nighttime surveillance.

Bosch's on-board video content analysis, an available option for the ZX55-IP, can detect behaviors, such as loitering, tripwire, object removed and idle object, to aid camera operators in monitoring an area. Black Diamond technology optimizes video analytics performance by decreasing image noise using evenly distributed infrared in the scene, eliminating hotspot foregrounds and underexposed backgrounds.

Combining crisp images with the use of H.264 compression reduces the camera's bandwidth and storage consumption, helping to lessen system costs for end users. H.264 compression is available for the ZX55-IP with a free firmware upgrade.

The rugged ZX55 employs a field-proven, weather-sealed housing for use in a variety of environments, including intense direct sunlight. Top and side

sunshields reflect heat from the camera, while an integral flow-through vent allows airflow to cool the system and lower internal temperatures. A dedicated camera bay allows for easy optical adjustments.

Through compliance with the Open Network Video Interface Forum (ONVIF) standard, the ZX55 also helps customers save on future upgrade or migration costs, as the infrared imager is compatible with other surveillance products that comply with the standard.

For more information on the ZX55 Infrared Imager or to download the firmware upgrade, visit [www.boschsecurity.us](http://www.boschsecurity.us).

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*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.*