



## **Bosch Delivers the Industry's First Cameras Featuring 20-Bit Image Processing**

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Detail reproduction and low-light performance exceed the competition

**Fairport, N.Y.** – Bosch Security Systems, Inc., a full-line manufacturer of high-quality security solutions, today introduced the FlexiDome 2X Day/Night dome camera and the Dinion 2X Day/Night fixed camera to provide customers with an advanced level of imaging for their surveillance applications.

The new cameras' innovative 2X digital signal processor (DSP) supplies twice the processing power of conventional cameras. In addition, their 2X-Dynamic technology and wide dynamic range sensors analyze images pixel-by-pixel to produce the most detailed view of scenes with difficult lighting. This unique combination enables the cameras to reveal more than is visible with the human eye alone.

Joining 2X DSP with the wide dynamic range sensor results in cameras with 20-bit image processing, a first in the CCTV industry. Producing a 50 percent improvement in detail reproduction and 30 percent better image quality, this advanced technology gives customers crisp, clear surveillance video even in harshly lit or dark environments.

The cameras also feature Smart Backlight Compensation (BLC) to optimize light levels for objects of interest in scenes with a bright background. Smart BLC automatically analyzes images and enhances details to provide the best result, without the need for user intervention. The cameras' day/night capability with infrared contrast also enables effective round-the-clock surveillance.

### **Designed for Ease of Installation and Use**

Several tools built into the cameras reduce installation times for technicians. A test pattern generator produces signals to check cables and other CCTV

equipment, and Bilinx allows installers to verify camera status, change settings and update firmware from a laptop computer.

A host of other features, including six user-programmable modules, a multi-language On-Screen Display, built-in smart motion detection and privacy zones, ensure simple set up and operation of the cameras. A high efficiency power supply also improves the operating temperature of the cameras and increases their lifetime to protect customers' investments.

The FlexiDome 2X and Dinion 2X cameras are well suited for a wide variety of applications, including outdoor perimeters, traffic monitoring, correctional facilities, parking lots and garages, and casinos and gaming centers. The cameras are also ideal for applications that involve difficult lighting, day/night surveillance or where the most detailed images are required.

For more information on the new VDN-498 Series FlexiDome 2X Dome Camera, the LTC 0630 Series Dinion 2X Day/Night Camera, or the LTC 0498 Series Dinion 2X Day/Night Camera, 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.*