



Bosch Releases ONVIF-ready H.264 IP Cameras Compression technology improves image quality, reduces storage costs and bandwidth consumption

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Fairport, N.Y. – Bosch Security Systems, Inc., a full-line manufacturer of high-quality security solutions, today announced the company’s entire portfolio of IP cameras is now available with H.264 compression technology. These IP cameras deliver high-resolution video with reduced bandwidth and storage consumption – resulting in storage costs that are up to 30 percent less than systems that use traditional MPEG-4 encoding.

“In addition to the improved image quality and the cost benefit, H.264 compression technology also gives end users increased retention times and the option to use lower bandwidth wide area networks (WANs) for surveillance video,” said Dr. Bob Banerjee, Product Marketing Manager, Bosch Security Systems, Inc. “In short, better video with less bandwidth.”

Customers with installed Bosch IP cameras are able to download Firmware 4.0 to upgrade to H.264. The new firmware is available for Dinion IP, FlexiDome IP, Extreme Series IP and AutoDome IP cameras, as well as the VideoJet X series of encoders and VIP X1600 multi-channel encoders and decoders. Bosch H.264 cameras and encoders can be viewed with either VIDOS v4.0, Bosch’s video management system, or by using the Bosch Divar XF Hybrid Recorder. The cameras and encoders can also be recorded to the Divar XF Hybrid Recorder, local storage on a Bosch encoder or direct-to-iSCSI using Bosch’s NVR-less iSCSI RAID storage units, also known as a storage area network (SAN).

Customers may optionally use Bosch’s Video Recording Manager to manage large numbers of iSCSI RAIDs. VRM also simplifies the installation and maintenance process of large systems and assists with managing appropriate storage capacities that change due to factors such as increasing camera counts, improved image quality and higher framerates.

Firmware 4.0 Provides Additional Benefits

With the new firmware, Bosch IP cameras are ready to work with the recent Open Network Video Interface Forum (ONVIF) standard, which provides interoperability with other network surveillance products that conform to the standard, regardless of manufacturer. ONVIF compliance gives customers greater flexibility for future upgrades of their IP video systems.

Firmware 4.0 also allows for live control of video using only an IntuiKey keyboard and decoder, requiring no PCs or software. The firmware adds greater intelligence to Bosch IP video products, enabling the creation of a virtual matrix to view and control up to 32 cameras on 10 monitors without video management software. This capability helps end users streamline their systems and further reduce costs.

New orders of Bosch cameras and encoders will be shipped already equipped with H.264 support and the additional Firmware 4.0 features. The new firmware offers traditional MPEG-4 and JPEG modes if required for compatibility with systems that do not yet support H.264.

For more information about Bosch H.264 IP cameras and encoders or to download the firmware upgrade, visit www.boschsecurity.us.

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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.

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 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.