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Axis Announces ARTPEC-5 Chip Featuring 60 Frames per Second HDTV 1080p Resolution Video Processing and Increased Performance for Intelligent Video

Next generation system-on-chip features dual core multiprocessor architecture, reduced power consumption and increased processing power and performance for intelligent video processing and video analytics applications

CHELMSFORD, Mass. – February 20, 2014 – Axis Communications, the market leader in network video, announces the next generation of its market-leading system-on-chip specifically designed for network video cameras and video encoders. The new ARTPEC-5 (Axis Real Time Picture Encoder) is based on dual core multiprocessor architecture, features a larger cache size and higher memory throughput. More processing power and performance provide increased capabilities for intelligent video processing and video analytics applications.

The new ARTPEC-5 chip features support for the H.264 High Profile video compression standard and high frame rate (60 fps) encoding in full 1080p HDTV resolution. This resembles twice the frame rate and resolution offered by conventional HDTV video surveillance solutions today. High frame rates capture quick movements in detail such as the license plates of fast moving vehicles. With full HDTV resolution, large overview areas can be monitored without compromising image detail when an incident occurs.

With the ARTPEC-5, Axis introduces an optimized design resulting in reduced power consumption of network video cameras and video encoders. The new chip can handle more video streams simultaneously than previous generations, features a faster SD-card interface for edge storage and allows Axis to design cameras with advanced image processing capabilities to address the most demanding video surveillance challenges.

With its dual core multiprocessor architecture, larger cache size and higher memory throughput, the new ARTPEC-5 chip provides more processing power and performance for intelligent video processing and video analytics applications. With AXIS Camera Application Platform, users can download intelligent video applications to run inside Axis network cameras and video encoders. A large portfolio of applications is available offering advanced functionalities such as recognition, people/object counting, detection and tracking.

AXIS Camera Application Platform also enables third party software providers to develop applications that can be downloaded and installed on Axis cameras. Application developers can sign up for the Axis Application Development Partner (ADP) program. Axis provides a software development kit (SDK) and a compatibility tool to ensure that applications run on all Axis cameras.

The first product incorporating the new ARTPEC-5 chip is the AXIS Q7436 Video Encoder, a new high performance 6-channel video encoder blade.

About Axis Communications

Axis offers intelligent security solutions that enable a smarter, safer world. As the global market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform - delivering high value to its customers and carried through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 1,600 dedicated employees in more than 40 countries around the world, supported by a network of over 60,000 partners across 179 countries. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ OMX Stockholm under the ticker AXIS. For more information about Axis, please visit our website www.axis.com.

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