



New Product Offering Includes World's First Eight-channel Video Decoder

NEWPORT BEACH, Calif.--(BUSINESS WIRE)--May 14, 2007—Conexant Systems, Inc. (NASDAQ:CNXT), a worldwide leader in semiconductor solutions for broadband communications and the digital home, today unveiled the first in a series of products specifically developed for the rapidly growing digital video security and surveillance marketplace. The highly integrated CX25850/1/3 multi-port video decoders can be used in PC-based or standalone digital video recording (DVR) applications, and support functions ranging from basic record-only to advanced real-time video capture. The new offering

includes the world's first eight-channel video decoder, which is targeted at newer, higher-capacity DVR surveillance products that capture and record multiple video streams simultaneously.

"Rising concerns about security in public and private sectors are driving demand for video surveillance products worldwide, and this market represents one of the highest-growth opportunities in our industry," said Bernd Lienhard, senior vice president and general manager of Conexant's Imaging and PC Media business. "We've been delivering video decoders to this market for many years, and have leveraged this expertise to deliver a new family of solutions with the higher video quality required for next-generation digital surveillance products."

According to industry analyst firm iSuppli, the market for chips used in video surveillance applications across DVRs and cameras is expected to grow to over \$2 billion in 2011.

"Digital video recording technology is an excellent option for commercial, educational and government entities that are looking to install reliable, yet cost-effective video surveillance systems," said Mark Kirstein, vice president of multimedia content at iSuppli. "The availability of next-generation semiconductor solutions is an important enabler for manufacturers looking to capitalize on this growth industry."

Conexant's highly integrated video decoders have several features that improve video quality and performance in video surveillance applications. For example, each decoder uses an adaptive 4H luminance and chrominance comb filter to separate video into its basic components, which results in sharper, more accurate images. The devices also enable "fast-locking" to minimize field loss when switching between multiple video sources, which is particularly important for non-real-time video surveillance applications. In addition, each device includes two high-quality video encoders, which enables end-users to display up to two concurrent decoded video streams or up to two decoded images from any video source.

The CX25850 and CX25851 each contain four high-quality 10-bit video decoders that convert analog composite video to digital 4:2:2 video in the form of CCIR 656. The CX25853 contains eight of the same high-quality 10-bit video decoders, which support 16 direct camera connections. Additional features include the capability to lock-on to low-level video signals, which enables users to expand their surveillance footprint without sacrificing video quality. Other product attributes include horizontal and vertical scaling, as well as hue, brightness, saturation, and contrast controls.

The CX25850/1/3 multi-port decoders contain an innovative monitor output feature that allows users to sample and multiplex between any of the decoder outputs. Additionally, these devices can also be cascaded together such that a single monitor output from one of these devices can be used to view all the cameras in the system. All of the new decoders are compliant with National Television Standards Committee (NTSC) and phase alternating line (PAL) industry standards.

Conexant offers a complete suite of components and system solutions for standard and high-definition video applications including PC TV and video surveillance. The company's video and multimedia product offering includes analog and digital video encoders/decoders, PCI video decoders, software, and complete reference designs.