

**Exacq Technologies introduces new 16-input, 480 ips MPEG-4 DVR Boards
with hardware compression
for developers of Security & Surveillance CCTV DVR Systems**

Create higher-performance, lower-cost, smaller-footprint CCTV DVR systems

Optimized for Intelligent Video Analytic applications

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Technologies, Inc. introduces a new generation of MPEG-4 CCTV DVR boards designed to create higher-performance, lower-cost, and smaller footprint CCTV DVRs. The **Exacq eDVR** board is a complete security system on a board, incorporating **on-board hardware compression and decompression** for enterprise-class performance on a low-cost PC. The highly-integrated



eDVR includes 16 Video inputs for 480 ips recording (400 ips PAL), 2 video outputs, audio I/O, alarm I/O, UART-enabled RS-232/485 for PTZ/POS/ATM interface, hardware watchdog, button input, relay and LED outputs, temperature sensor, and EEPROM for configuration and security settings. An expansive Software Developer's Kit enables easy implementation into existing DVR, NVR and video analytic applications.

Hardware Compression On-Board

The **eDVR** incorporates on-board hardware compression and decompression, enabling a true 480 ips record + display regardless of processor load. Real-time video records and displays on every channel so no activity is ever missed. Hardware compression means a high-performance, responsive DVR can be built using only a low-speed Celeron-class host processor, reducing overall cost and heat generation.

Optimized for Video Analytic Applications

The **eDVR** also provides real-time video acquisition into host RAM with callback notification, designed specifically for intelligent motion and behavior tracking (video analytic) applications. Because the host CPU is largely unused in the process of compressing and recording video, it can be devoted to video analytic applications, enabling a single system to perform both DVR and video analytic functions, reducing overall cost.

Small Footprint, High-Density Systems

The high-level of integration on the **eDVR** enables both small footprint systems and high density systems. A high-performance 16-input 480 ips system can be built in a chassis as small as 1U height. A 32-input, 960 ips system can be built in a 2U-height cabinet using two **eDVR** boards. A 64-input, 1920 ips system (and higher) can be build in a standard 4U cabinet using four (or more) **eDVR** boards, all with no unique processor power or cooling needed and drastically reducing the cost per video input.

Cool-Running Systems Alleviate Heat-Related Failures

The **eDVR** runs cool and the host system needs only a low-power Celeron CPU for operation. Smaller-footprint, higher-density, more reliable, cooler-running systems.

True Digital Crosspoint Switch with Multiple Video Outputs

Independent multi-picture D1 video streams consisting of any combination of video inputs are delivered to each compression engine, each encoder, and the VGA display creating a true crosspoint switch. Multiple VGA devices also supported.

OSD/Graphics Capability

Robust OSD and graphics on video outputs include definable fonts, colors, points, lines, borders, enabling extreme flexibility in designing DVR Graphical User Interfaces.

Flexible Cabling & Connectivity

The **eDVR** has been designed to accommodate various cabling options, connectors and panels, enabling implementation in everything from standard rack-mount chassis to low-profile and mobile chassis.

Extensive Software Tools, Cross-Platform Development Environment

A complete Software Developer's Kit (SDK) is included with every **eDVR** utilizing cross-platform tools with extensive sample code in C, WxWidgets, VB.net and C#. Fully supported under Microsoft Windows XP, Windows XP Embedded and Linux.

Exacq eDVR Boards Pricing and Availability

The Exacq **eDVR** boards are available immediately. Pricing begins at \$995. Custom OEM configurations available.

About Exacq Technologies

Exacq Technologies is the new venture-funded company formed by CCTV DVR industry veterans. Exacq's new flagship product, the **eDVR** board, has been designed specifically for CCTV DVR developers and OEMs to make higher performance, higher density, more reliable and lower cost DVR/NVR systems. Exacq will be introducing a number of new products over the course of 2006.

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For more information on Exacq Technologies line of security and surveillance products:

<http://www.exacq.com>

For product photographs and Exacq logo artwork:

<http://www.exacq.com/artwork.html>