

FOR IMMEDIATE RELEASE

Tech Source H.264 XMC card eases video compression challenges in UAV and other surveillance applications

- *Condor VC 100x features H.264 video encoder with baseline, main and high profile support up to Level 4.1*
- *Condor VC 100x supports up to 4 video inputs (NTSC/PAL/SECAM/SD-SDI/HD-SDI)*
- *Tech Source to demonstrate VC 100x at AUVSI's Unmanned Systems, Las Vegas, 6-9 August 2012, (Booth 1949)*

Altamonte Springs, Florida, July 31, 2012 – Tech Source, Inc., an independent supplier of high performance embedded video, graphics and high end computing solutions, has unveiled the low power Condor VC 100x H.264 video capture and compression card designed to ease the video compression challenges in unmanned aerial vehicles (UAVs) and in other surveillance, image detection and video recording applications.

Selwyn L. Henriques, president and CEO of Tech Source Inc., said: “This card has been designed for use in UAVs and for other mission critical video streaming applications that require low power and yet high profile H.264 compression in a compact, lightweight form factor.”

The XMC form factor module - featuring an H.264 video encoder with baseline, main and high profile support up to Level 4.1 - supports up to 4 composite video inputs (NTSC/PAL/SECAM) or up to 2 SDI inputs (SD-SDI/HD-SDI), all of which are selectable through the provided API. Condor VC 100x also has 2 stereo or 4 mono audio inputs.

The Condor VC 100x card performs H.264 encoding in hardware to minimize CPU usage. Video data is captured and stored in files and made available to customer applications for processing, analysis or display on a local graphics card.

The Condor VC 100x XMC configuration also supports transfer of the video stream via UDP or TCP/IP using RTP and RTSP protocols for remote display of captured data with low latency. An API is provided to manage captured video data. IO is handled either through the front connector or through the rear Pn4 connector.

Summary of key features include:

- H.264 video encoder
- 4 x composite video inputs (NTSC/PAL/SECAM)
- 2 x SDI or HD-SDI inputs
- High profile compression up to Level 4.1
- XMC form factor, air or conduction cooled
- 2 stereo or 4 mono audio inputs
- 2 channels up to 1080p30 or 4 channels of TV (composite)

- Front or rear I/O (factory configured)

Condor VC 100x is available in various ruggedized levels and has conduction or convection cooled variants. While Windows or Linux drivers are available by default, other real time operating systems (RTOS) such as VxWorks, Integrity and LynxOS may be optionally supported on both X86 and PowerPC platforms.

Tech Source will demonstrate the Condor VC 100x – and other products – on Booth 1949 at AUVSI's Unmanned Systems (www.auvsishow.org), Mandalay Bay, Las Vegas, 6-9 August 2012.

Tech Source has been developing graphics solutions for air traffic control, military and embedded applications for over 20 years. The ISO9001:2008 certified company offers a range of commercial-off-the-shelf (COTS) products, including graphics processors - targeted at general purpose graphics processing unit (GPGPU) applications, input solutions, video compression and streaming boards, imaging cards, recording solutions and software libraries. Key markets include airborne, shipboard, unmanned aerial vehicles (UAV), and ground based systems.

For more information on the Condor VC 100x card or any other product from Tech Source, please visit www.techsource.com, email embeddedgraphics@techsource.com or call +1 (407) 262 7100.

A high resolution photograph to accompany this news release is available at:
http://www.techsource.com/press/pi/images/Condor_VC100x.jpg

A technical data sheet is available at:
http://www.techsource.com/products/embedded/vc_100x/index.asp

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About Tech Source (www.techsource.com)

Tech Source, Inc. has provided computer graphics hardware solutions to the air traffic control and defense markets for over 20 years. Tech Source is a subsidiary of Eizo Nanao Corporation, a leading global manufacturer of high-end display monitors. The companies offer combined expertise, cutting-edge graphics solutions, and complementary product lines for ATC, defense, and other markets.

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