

FOR IMMEDIATE RELEASE

Tech Source targets 360° airborne surveillance applications with dual HD-SDI Condor 2106x XMC graphics card

- *Tech Source's Condor 2106x XMC card delivers lossless video quality and very low latency for airborne reconnaissance, UAV/UAS and military/avionics markets*

Altamonte Springs, Florida, April 30, 2013 – Tech Source, Inc., (www.techsource.com), an independent supplier of high performance embedded video, graphics and high end computing solutions, has introduced its Condor 2106x XMC graphics card with factory configured dual HD-SDI or DVI video inputs.

Designed for use in military/avionics embedded applications such as for 360° airborne reconnaissance, unmanned aerial vehicles (UAVs) or unmanned aircraft systems, the Condor 2106x features two high definition serial digital interface (HD-SDI) inputs which reduce cabling/weight for airborne applications. Further, the HD-SDI inputs are in the form of raw uncompressed frames so no video quality is lost due to compression and very low latency is achieved. Decoding, scaling, stitching and format conversions can be processed in the GPU with minimal CPU impact and an API is provided for customer integration.

Selwyn L. Henriques, president and CEO of Tech Source Inc., said: “The Condor 2106x graphics card’s HD-SDI inputs allow customers to access video streams of unprocessed data from HD cameras and other sensors and deliver, for example, a full 360° situational awareness capability utilizing image/data stitching techniques.”

The Condor 2106x is designed for seamless integration with most single board computers (SBCs) on the market and supports two outputs at a time from the front panel. It has two mini DisplayPort connectors so that customers can get either DVI or VGA off the front panel rather than needing two separate boards or using non-standard connectors. The card also supports two RGB (STANAG 3350B, RS-343), one VGA or one TV(NTSC/PAL/RS-170) output. The mini DisplayPort adapter is retained by a custom bracket so that it does not become unplugged through vibrations and shock.

The mezzanine card also supports various other video input formats including two HDMI/DVI or one 3G-SDI. It is also optionally available as a capture card only - without the GPU/video outputs and the power consumption can be reduced to a maximum of 10W.

The Condor 2106x 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 will be supported on both x86 and PowerPC platforms, upon customer requests.

Tech Source

An EIZO Group Company

Tech Source has been developing graphics solutions for air traffic control, military and embedded applications for over 25 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 2106x XMC card or any other product from Tech Source, please visit www.techsource.com, call +1 (407) 262 7100 or email embeddedgraphics@techsource.com.

A high resolution photograph to accompany this news release is available at:
http://www.techsource.com/press/releases/images/Condor_2106x.jpg

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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 25 years. Tech Source is a group company of EIZO 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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