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Matrox unveils Parhelia Precision SGT graphics accelerator for high-frequency grayscale stereo displays

Bringing optimal quality, performance and flexibility to intelligence/reconnaissance/surveillance workstations

San Diego, California, West 2004, February 3rd, 2004 — Matrox Graphics Inc., the leading manufacturer of professional graphics solutions, today announced the new Parhelia Precision SGT graphics card, uniquely designed to drive high-frequency grayscale stereo displays with industry-leading quality, the broadest compatibility, and the best grayscale stereo performance on the market.

"We are very impressed with this new Matrox Technology. In our testing we've found that the Parhelia Precision SGT delivers the best combination of performance and image quality that we've seen to-date with the Siemens SMM 21106 LS monitor," says Steve Huff, CEO, Sensor Systems Inc. "This graphics card looks very promising for our customers' requirements. Its hardware grayscale support maintains exceptionally high image quality, without any shadowing or ghosting artifacts, and ensures that all Windows® components remain visible at all times."

Delivering future-proof technology to users of grayscale stereo displays from display technology leaders such as Siemens Display Technologies, Image Systems, and Clinton Electronics Corporation, this one-of-a-kind graphics card features two channels: one with a high-quality BNC connector for unequaled grayscale monitor support, and another with both a DVI and hardware stereo connector for standard color display support. These two channels bring flexibility to intelligence/reconnaissance/surveillance workstations by enabling users to view sensitive imagery on both grayscale and color monitors, displaying images with higher contrast and detail.

"The Parhelia Precision SGT has been expressly designed to bring greater precision and flexibility to those analyzing satellite imagery," says Alain Thiffault, senior product manager, 3D workstation products, Matrox Graphics Inc. "The launch of this product marks a new focus for Matrox as we begin to deliver more specialized engineering technology, based on COTS, for military requirements."

A single-slot PCI solution, the Parhelia Precision SGT is highly scalable as it can be used alongside other specialized AGP or PCI Matrox graphics cards, such as the Parhelia HR256 for enhanced visualization on 9 mega pixel panels, in the same system for enhanced workstation setups. This unique card features 256 MB of on-board DDR unified memory; a PCI interface with support for 33 MHz and 66 MHz buses; high meantime before failure (MTBF); FanAlert, for added system security, which advises the system administrator if the fan malfunctions; power consumption that is compatible with a standard PCI bus; and currently offers full support for Microsoft® Windows® 2000 and Windows XP. Please inquire about other operating system support, versions of this product with genlock and frame lock capabilities, and supported grayscale stereo displays at: www.matrox.com/mga/products/p_sgt/home.cfm.

Where to buy

Please contact Matrox sales directly for more information at 1-800-361-1408 or insales@matrox.com.

About Matrox Graphics Inc.

Matrox Graphics Inc., graphics chip designer and board manufacturer, provides high-fidelity graphics cards for all professional markets. Pioneer of the trend-setting DualHead® technology, Matrox products have been awarded over 1,000 times worldwide for their superior image quality, practical ingenuity and unwavering stability. From graphics cards that power extremely high-resolution panels and grayscale stereo monitors, to those with support for three or four standard displays, Matrox provides a host of solutions for military projects, contractors and partners. Established in 1976, Matrox is a privately held company headquartered in Montreal, Canada, with international offices in the United States, the United Kingdom, Ireland, France, Germany, Italy, and Hong Kong. Information on Matrox products, drivers, technical support and more can be found at: www.matroxcad.com.

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