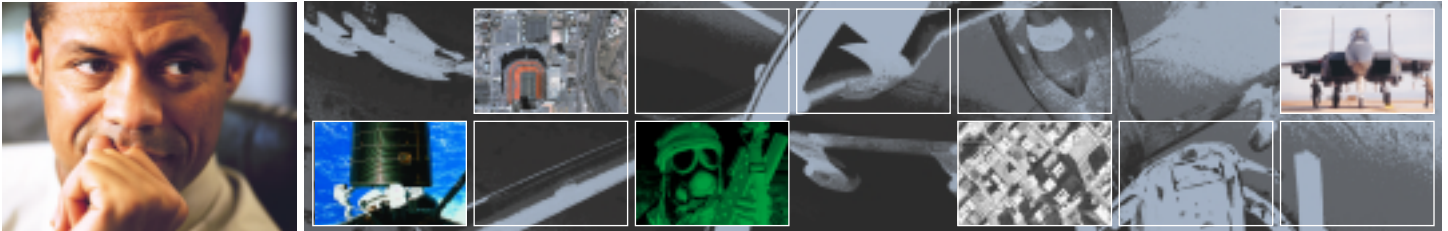




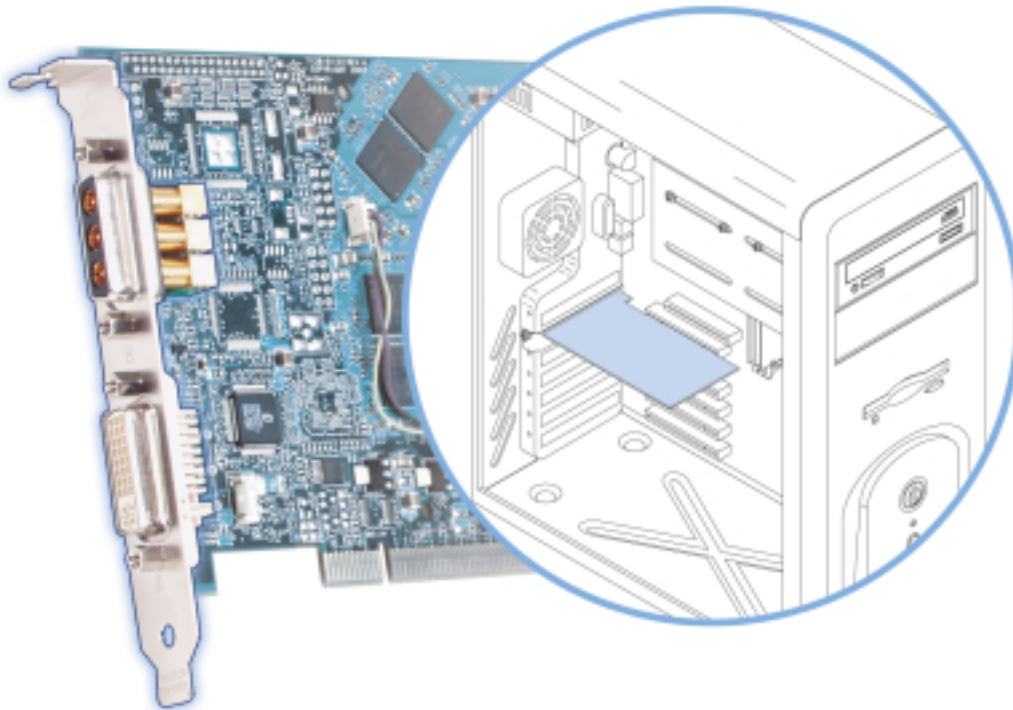
matrox **Parhelia™** Precision SGT
Satellite Grayscale Technology

Designed to drive high-frequency grayscale stereo displays



Optimal quality, performance and flexibility for intelligence/reconnaissance/surveillance workstations

The Parhelia™ Precision SGT has been expressly designed to power high-frequency grayscale stereo monitors with industry-leading quality, the broadest compatibility, and the best grayscale stereo performance on the market. Its unequal hardware grayscale support, provided by the highest quality BNC connector, produces flicker-free, ultra-crisp grayscale images that are free of any pixel ghosting, sparkling or shadowing artifacts, and ensures that all Windows® components are clearly visible.



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 dual-channel graphics card features a premium BNC connector for unequal grayscale monitor support, on one channel, and both a DVI and hardware stereo connector for standard color display support, on the other. These two channels bring flexibility to intelligence/reconnaissance/surveillance workstations by enabling users to see more precise details of sensitive imagery, in higher contrast and detail, on both grayscale and color monitors at the same time.

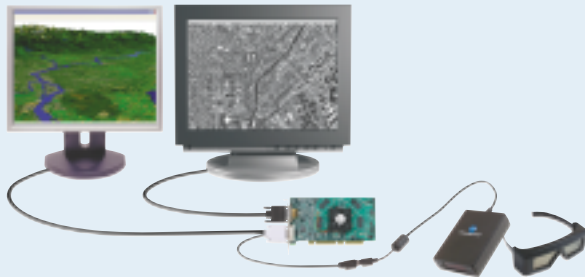
Ensuring essential stability, reliability and system protection

The Matrox Parhelia Precision SGT brings added stability and reliability to intelligence/reconnaissance/surveillance workstations with rock-solid certified drivers and a high meantime before failure (MTBF). For added system security in mission-critical environments, its FanAlert software feature advises the system administrator if the fan malfunctions, minimizing the chances of a system breakdown due to overheating.



The Parhelia Precision SGT can be used as a stand-alone solution or combined with any Matrox AGP or PCI graphics card, such as the Parhelia HR256, which provides enhanced visualization on 9.2 MP panels, for an enhanced workstation setup that is tailored to your requirements.

Simultaneous viewing of stereoscopic and monoscopic imagery in color and grayscale



Unique Matrox multi-board environments



Technical specifications:

- PCI interface (33 MHz and 66 MHz buses)
 - 512-bit GPU
 - 256-bit DDR memory interface
 - 256 MB on-board memory
 - Dimensions: Length: 7.5", height: 4.20", width: .75"
 - Dual-channel:
 - High-quality BNC connector for grayscale monitor support on one channel
 - DVI connector and hardware stereo on the other channel¹
 - Single-slot solution, which can be used alongside other specialized AGP or PCI Matrox graphics cards
- FanAlert, for added system protection
 - High MTBF
 - Long product life-cycle
 - High-resolution boot-up modes for monitor compatibility:
 - Support for 1024 x 1024 @ 120Hz
 - Support for 1280 x 1024 @ 120Hz
 - Current support for Microsoft® Windows® 2000 and Windows XP
 - Part number: PH-P256SG

¹ Hardware stereo is available on either display

More information

For more information on the Parhelia Precision SGT, versions of this product with genlock and frame lock capabilities, and supported grayscale stereo displays, please visit: www.matrox.com/mga/products/p_sgt/home.cfm

Where to buy

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