



## DataSoft Srl

Via Udine, 6/E 21011 Casorate S: (VA)  
Tel.: 0331 767343 Fax: 0331 767343  
Web: [www.datasoftweb.com](http://www.datasoftweb.com) Mail: [info@datasoftweb.com](mailto:info@datasoftweb.com)

## iH4 PRO for Data/Video Wall Applications

The iH4 graphics cards are powerful multi-screen graphics adapters providing solutions for high quality, complex data/video walls or multi-screen desktop applications.

Using multiple iH4 cards in your system it is possible to create a display which allows the Windows desktop to be spread across a maximum of 32 screens. Constructing a multi-screen data/video wall using the iH4 range of graphics cards enables the display to be arranged in any rectangular format, the option of displaying high quality video overlays becomes available.

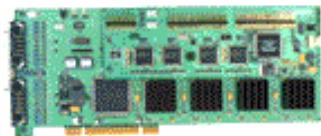
In effect, four graphics cards in one, the iH4 has four independent 64bit Savage4-PRO graphics processors, each with 16MBytes of memory - one per display channel - to bring superb image quality at high resolution and colour depths. With four DVI outputs, each supporting a resolution of 1280 x 1024 (native digital) you can be sure of displaying all the applications you need. If you need more screens, simply install another iH4 card in your machine up to a maximum of 8 cards.

Multi screen video solutions use the latest digital technology for stunning video quality. Multiple independent video windows can be displayed simultaneously, and can be scaled to full screen with horizontal and vertical interpolation for high quality images. Chroma-key support also allows you to overlay graphics onto video and video onto graphics.

## Technical Specifications

Bus Interface	32bit - 33Mhz PCI adapter V2.2 Compliant
Size	260 x 100mm
Power	14Watts
Power Requirements	+3.3V at 2.5A max, +12V at 250mA max + 5V at 2.5A max
Operating Temperatures	0 - 35 deg C
Storage Temperatures	-20 - 70 deg C
Relative Humidity	5% to 90% non-condensing

## Features



### Single slot 4 port graphics adapter

Four independent 64bit Savage4-PRO graphics processors with 16Mbytes for channel. A total of 64Mbytes.

Four high quality video overlays with 4 composite or 2 S-video analog inputs with **VIM** card or to 16 or 32 composite using the **Vision Switch** card.

Multi-standard video support for PAL, NTSC and SECAM

Multi-card support. Use up to 8 cards for a 32 screen display

Chroma-keying for overlaying graphics onto video

Four DVI outputs, each supporting up to 1280 x 1024 (digital).

Use with the VQS01 to increase the number of display channels to a maximum of 128. The maximum resolution for display when using the VQS01 is 1024x768.

Driver support for Windows® NT4, Windows® 2000, Windows® XP

