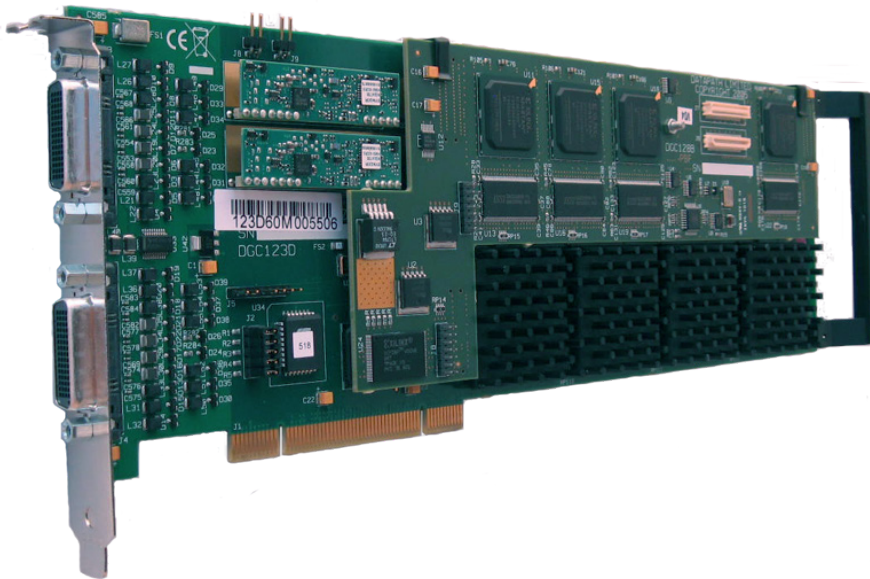


# Vantage4-SIP

For High-End Video and Data Wall Applications  
Advanced Graphics Display Technology



## DESCRIPTION

The Vantage4-SIP video overlays provide 16 overlay window per display channel. The overlays can be positioned and sized anywhere across the multi-screen display. Vantage4-SIP is used in conjunction with the Mosaic -SQ16 or the Mosaic-HQ for inputting video sources. Various input modules are available and support up to 128 video inputs. Each overlay window can select anyone of the available inputs for display.

Special multi-screen display driver for use with Windows® 2000, Windows® Server 2003 and Windows® XP Professional. The function of the display driver is to present one large desktop to the Windows® operating system. The multi-screen driver will support up to a maximum of 64 screens

## FEATURES

- Four SIP video processors each with 64MB overlay memory (total 256MB)
- Four analog VGA outputs supporting up to 2048 x 1536
- Four DVI outputs up to 1600 x 1200 and 1920 x 1080 with reduced blanking
- High speed 5Gb/s SIP digital video input port for the Mosaic-SQ16 and Mosaic-HQ, supporting up to 128 Standard Definition video inputs
- 16 video overlay windows per display channel (64 windows per Vantage4-SIP card)
- Four 1280 x 1024 high resolution video overlays

## SPECIFICATION

Card Format	32bit 66MHz PCI adapter
Card Size	105mm x 310mm Full size
Number of output channels	4
Max Analog output resolution/channel	2048 x 1536 x 60Hz
Max DVI output resolution/channel	1600 x 1200 x 60Hz or 2048 x 1536 x 35Hz
Max No of overlay windows	One per output channel (4 windows per card)
TV output formats	NTSC, PAL, S-video, HDTV
Max No of cards per system	Up to 16 cards (64 display channels)
Max No of video inputs	128 composite or 64 S-Video
Video input formats	NTSC, PAL, SECAM, S-Video
Video overlay resolution (max)	720 x 576 (De-interlaced)
Video window update rate	Real time 25/30 frames per sec (PAL/NTSC)
Max current at 3.3V	4.00A
Max current at +5V	3.30A
Max power	29.70 Watts
Operating temperature	0 to 35 deg C / 32 to 96 deg F
Storage temperature	-20 to 70 deg C / -4 to 158 deg F
Relative humidity	5% to 90% non-condensing

## VIDEO INPUT OPTIONS

### VIM-16

The VIM16 provides 16 analog inputs to each set of Vantage4-PRO cards it is connected to. Each video overlay window can select any one of 16 possible video inputs.

### VisionSwitch32-H

For systems needing more than 16 inputs use a single or multiple VisionSwitch32-H cards to increase the number of inputs to 32, 64, 96 or 128. (1, 2, 3 or 4 VisionSwitch32-H cards) The VisionSwitch32-H is supplied with 2 BNC16-cables or the optional PANEL-16A

## MODELS AVAILABLE

Vantage4-PRO - Supplied with two RGB-S Cables

Vantage4-PRO-DVI - Supplied with two DVI-S-Cables

Vantage4-PRO-HDTV - Supplied with two HDTV-S-Cables

## Main Sales Department

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