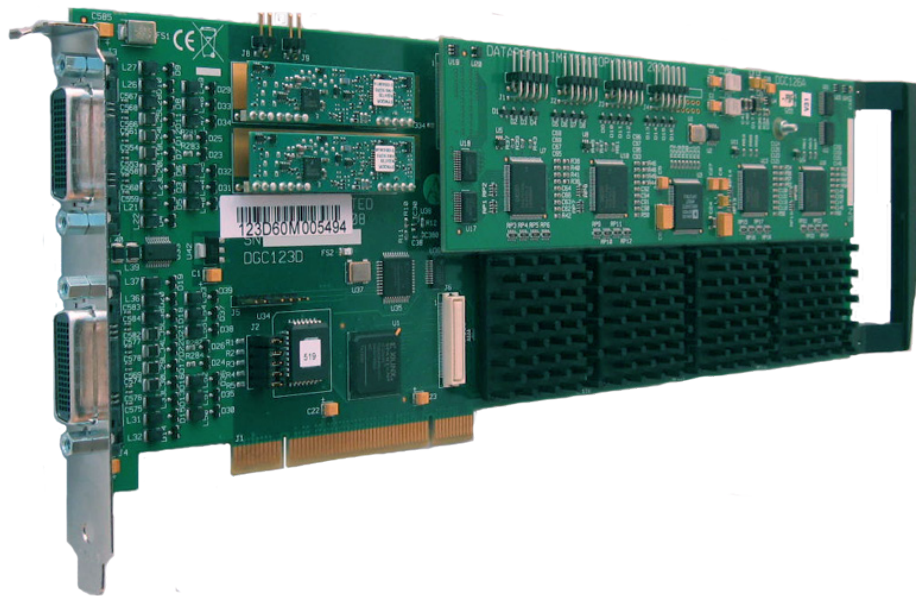


Vantage4-PRO

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



DESCRIPTION

The Vantage4-PRO video overlays provide 1 overlay window per display channel. The overlays can be positioned and sized anywhere across the multi-screen display. The restriction is that no more than 1 overlay may be displayed on the same screen. Vantage4-PRO is used in conjunction with the VIM16 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 port PCI graphics adapter
- Four Delta Chrome GPU's each with 32MB DDR 250Mhz frame buffers (Total 128MB)
- 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
- Support for 1400 x 1050 resolution
- Four TV outputs. PAL/NTSC/S-video, HDTV. With high quality flicker filters
- Support for up to 16 cards providing outputs for up to 64 displays

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

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