

Advanced Display Technology

Datapath VisionSwitch32
PCI Plug-in Video and Audio Switch



- PCI plug-in card occupying 2 PCI slots for the stand alone (SA) version and a single slot for the iH/Vantage4 (H) version.
- 32 x 32 Video or Audio matrix switch.
- Any input can be routed to any number of outputs. No restrictions on input to output routing.
- Windows application program for simple switch set-up. Save and recall switch settings.
- SDK for customers who wish to develop their own applications.
- Support for multiple iH4, Vantage4 cards or the Mosaic Card.

The VisionSwitch32 uses the very latest technology to provide a complete 32 x 32 video or audio cross point switch on a single PCI plug-in card. The card can be installed in any standard PC that has a free PCI slot. VisionSwitch32 is supplied with an easy to use Windows application program for switch programming. A special version of VisionSwitch32 is also available for integration with the Datapath iH4-PRO multi-screen graphics card. This version expands the number of video inputs to the iH4 from 4 inputs as standard to 32 inputs.

VisionSwitch-32 is available in 2 models:

VisionSwitch32-SA



Stand-alone general purpose video or audio matrix switch. It can also be used with the Mosaic for expanding the number of inputs and allowing each Mosaic video window to select any input.

Requires 2 PCI slots and is supplied with four BNC-16 splitter cables.



VisionSwitch32-H



Special version used with up to eight iH4-PRO/Vantage4-PRO graphics adapters.

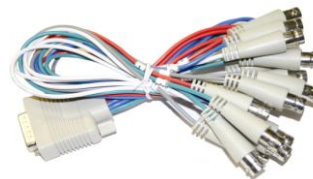
Requires a single PCI slot and is supplied with 2 x BNC-16 splitter cables and 8 ribbon cables for internal connection to the iH4-PRO/Vantage4-PRO.

Specification:

- PCI adapter 33Mhz 32 bit: PCI 2.2 Compliant.
- Measurements: 220mm x 112mm.
- Maximum Input Level: 2V rms.
- Input Impedance: 75ohms or 4.7kohms. (Selected using on card jumper links)
- Bandwidth: 25Mhz. (-3dB)
- Crosstalk: -80dB at 20kHz.
- THD: 0.002% at 20kHz.
- Gain: x1 into 75 ohms.
- Power: 6.5Watts, +5V at 150mA, +12V at 300mA, 12V at 180mA.
- Switching Time: 50nS.

Accessories:

BNC16-Cables



Panel16-A



Panel16



VS32RC-Set (The set consists of 8 ribbon cables)



BNC to BNC adapter



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