



## DataSoft Srl

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## Vision Switch 32 PCI Plug-in Video Switch

The VisionSwitch-32 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. VisionSwitch-32 is supplied with an easy to use Windows application program for switch programming. A special version of VisionSwitch-32 is also available for integration with the iH4-PRO/DIG multiscreen graphics cards. This version expands the number of video inputs to the iH4 from 4 inputs as standard to 32 inputs.

## Technical Specifications

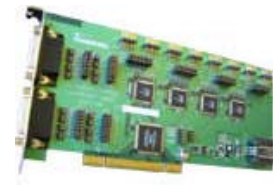


- PCI plug-in card occupying 2 PCI slots for the stand alone (SA) version and a single slot for the iH (H) version
- 32 x 32 Video or Audio matrix switch.
- Any input can be routed to any number of outputs. No restrictions on input to output routing.
- Windows application program for simple switch set-up. Save and recall switch settings..
- Support for Windows®2000 and Windows®XP.
- Software Development Kit included for custom applications.

## VisionSwitch-32 Models

The VisionSwitch-32 is available in two models:

**VisionSwitch32-H.** Used in conjunction with the iH4-PRO and iH4-DIG Cards.



**VisionSwitch32-SA.** Used as a stand alone general purpose video switch.



## Cables:

### Vision Switch-H

Vision Switch-H is supplied with 2 multi-way splitter cable for connecting video input and a VS32RC-set ribbon cables.

### Vision Switch-SA

Vision Switch-SA is supplied with 4 multi-way splitter cables for connecting video inputs and outputs. Each cable comprises of a 26way D plug connected to 16 BNC sockets via individual co-ax cables. (Cable length is 600mm)



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## iH4 Configurations:

When VisionSwitch32-H is used with the iH4-PRO/DIG graphics adapter then the following configurations are possible:

No of iH4-PRO/DIG cards and No of overlays supported	No of VisionSwitch32-H Cards	No of video inputs available to the iH4 Video overlays	Effective Video Switch Size
1 card, 4 overlays	1	32	32 x 4
2 cards, 8 overlays	1	32	32 x 8
3 cards, 12 overlays	1	32	32 x 12
4 cards, 16 overlays	1	32	32 x 16
5 card, 20 overlays	1	32	32 x 20
6 cards, 24 overlays	1	32	32 x 24
7 cards, 28 overlays	1	32	32 x 28
8 cards, 32 overlays	1	32	32 x 32

The iH driver software detects the presence of the VisionSwitch32-H and automatically controls the video switch, expanding the input capabilities for each video overlay from 4 inputs, as standard, to 32.

## Specification:

- PCI level 2.2 compliant (3.3v/5v).
- Measurements 220 x 112mm.
- Maximum Input level 2V rms.
- Input Impedance 75ohms or 4.7kohms (Selected by on card jumper links.)
- Crosstalk -80dB at 20kHz.
- THD 0.002% at 20kHz.
- Gain x1 into 75 ohms.
- Power 6.5W  
+5V at 150mA  
+12V at 300mA  
-12V at 180mA
- Switching Time 50 ns.