

Datapath VisionSD8

8 Channel SD Video Capture Card

Advanced Graphics Display Technology

VisionSD8



The VisionSD8 is an 8 channel PCI express video capture card. The card supports PAL, NTSC and SECAM in both composite and S-video input formats. The card is also supplied with DirectShow drivers for WDM streaming applications.

- Four Lane PCI express video capture card
- Eight simultaneous capture channels
- Support for any mix of NTSC, PAL SECAM
- Eight composite/S-Video video inputs
- 32MB on board frame buffer
- Auto video mode and no-signal detection
- Adjustments for colour, brightness and contrast
- Daisy chain input to output with selectable termination
- High performance DMA with scatter gather
- Data Transfer at 480MB/s
- Supports up to 16 windows with any mix of input channels
- SDK available for OEM customers

Models Available:

VisionSD8 Supplied with BNC16 input cable

Related Products

VisionRGB-E1/E2, VisionSD4+1 and Express9

Advanced Graphics Display Technology

Video Streaming

For streaming applications, the VisionSD8 can be used with Windows Media Encoder to compress and stream captured video. To replay the video, use Windows® Media Player.

Any application compatible with Windows® DirectShow technology can use the VisionSD8 due to its built-in WDM support.

Vision Software

The VisionSD8 is supplied with a powerful software application for configuring the timing and format of the input sources and displaying the data. Simply connect your video source into the card, run the VisionSD8 application to automatically detect the video source format and display the captured video in a window on your desktop.

Wall Control

The VisionSD8 card is supplied with a free version of Wall Control without the advanced features.

Wall Control presents a representational window of the entire display wall showing position and size of video windows.

Datapath Wall Control software enables you to configure your multi-screen display, launch video overlays and create a wall layout configuration. With the full version it is possible to save layouts and recall them for future use and also operate Wall Control on a remote PC via a network connection.

Wall Control is available in two versions:

- Wall Control - Free version.
- Wall Control-PRO-HK - Licensed version with a hardware USB key (dongle)

Datapath VisionSD8

8 Channel SD Video Capture Card

Advanced Graphics Display Technology

Specifications

Card format	4 Lane PCI express
Card size	110mm x 170mm
Max capture resolution	8x 720x576x16bit
Max number of cards per system	16 (128 video capture channels)
Frame buffer memory	32 MB
Max current at 3.3V	0.25A
Max current at +12V	0.6A
Max Power	8 Watts
Operating temperature	0 – 35 deg C
Storage temperature	-20 – 70 deg C
Relative humidity	5% to 90% non-condensing
MTBF	100,000hrs
Warranty	3 years

Main Sales Department and UK Headquarters

Datapath Limited,
Alfreton Road
Derby, DE21 4AD
England
Tel: (+44) (0) 1332 294441
Fax: (+44) (0) 1332 290667
email: sales@datapath.co.uk
Web: <http://www.datapath.co.uk>

French Office

7 Rue des Pinsons,
78990 Elancourt, France
Tel: (+33) 1 30 13 89 34
Fax: (+33) 1 30 13 89 35
email: datapathfrance@sqynet.com
(Supports France and Spain)