

# Datapath VisionSD8

## 8 Channel SD Video Capture Card

Advanced Graphics Display Technology

### VisionSD8

### Datapath VisionSD8 Card



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



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### 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

### Software

#### 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 three versions:

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



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