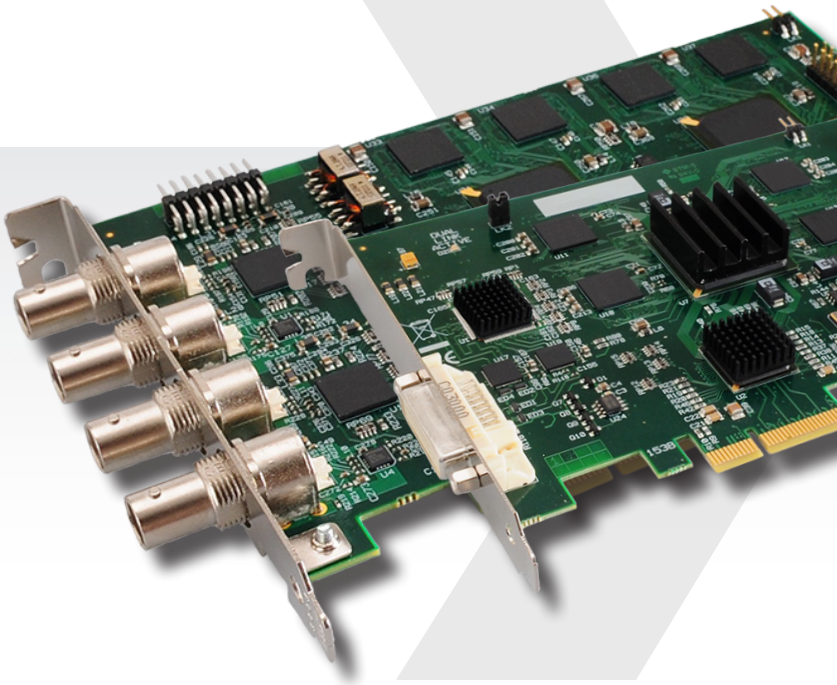
DATAPATH
EXCELLENCE BY DESIGN



VISION CAPTURE CARDS

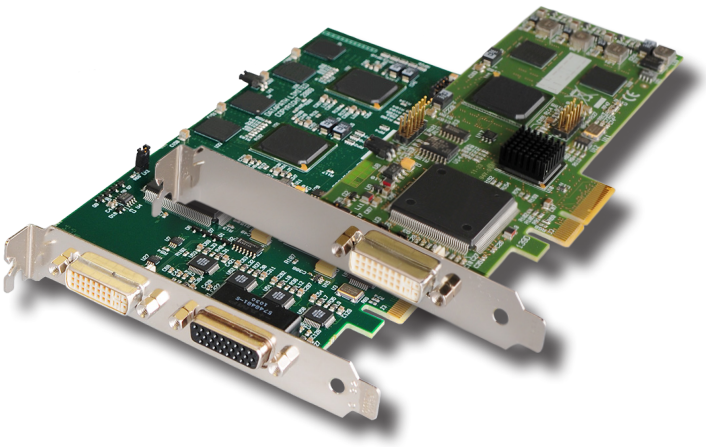
Advanced Graphics Display Technology

+ CAPTURE THE DETAIL

Datapath have developed a sizeable portfolio of capture cards providing HD capture or HDMI capture capabilities as well as a number of high resolution video capture modes including 3G-SDI, HD-SDI and dual-link DVI.

Whether you are looking for a video capture solution for streaming, recording or presentation applications we'll have a solution to suit your needs.

With requirements for high quality capture cards continuously increasing, Datapath is responding by offering new improved innovative products at regular intervals.



+ VISION RANGE FEATURES

Collectively the Vision range of capture cards allow the capture of video and audio sources including Composite video (PAL, NTSC, SECAM and S-Video), HD up to 1080p (HDMI and Component), Serial digital interface (SD-SDI, HD-SDI and 3G-SDI), PC Graphics (DVI and analog RGB), analog audio, digital audio and provide an analog line out pass through option for audio sources.

Capture the detail...

VISIONAV Range

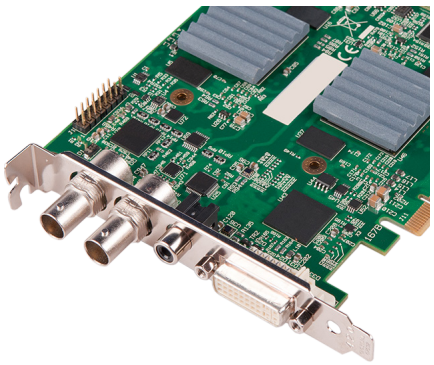
VisionHD4

Capture four DVI-I High Definition DVI streams in a single capture card.

- Eight lane PCI Express capture card
- Net 3.2GB/s total capture bandwidth
- Quad channel DVI-I video capture card
- HDMI audio capture with streaming from each DVI channel

This card provides a quality performance, high density video capture solution for control room, medical and other applications that require high capture bandwidth.

VisionAV-SDI

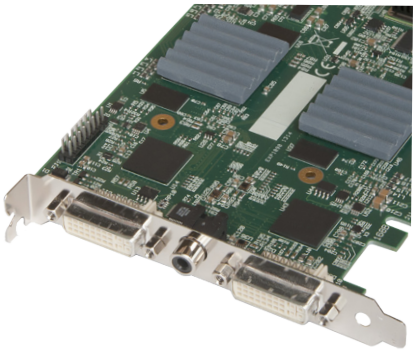


Capture four DVI-I High Definition DVI streams in a single capture card.

- Four Lane PCIe lane bus, Net 1.6B/s total capture bandwidth
- SDI embedded audio capture and streaming
- Low input to output capture latency

A single card solution for distance learning, lecture capture and web casting.

VisionAV-HD

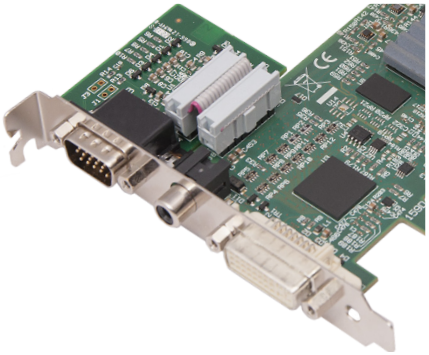


Two channels of HD DVI video and an extra composite video input all operating simultaneously and independently with full analog and digital audio support.

- Triple channel PCIe capture card - 2 x DVI-I, 1 x SD
- Four Lane PCIe lane bus, Net 1.6B/s total capture bandwidth
- HDMI embedded audio capture and streaming

Capable of multiple channels of audio capture, which can be synchronised in software using timestamping with all video capture channels.

VisionAV



Provides simultaneously SD and HD video capture through one channel of DVI-I or HDMI capture and one channel of composite video capture.

- Dual channel video HD, HDMI and Composite video
- Flexible audio capture
- Data transfer up to 800MB/secs

This provides a single flexible card solution for areas such as medical, lecture capture, web casting and video conferencing.

VISIONSC Range

+ VisionSC-DP2

The VisionSC-DP2 provides the ability to simultaneously capture mulitple 4k, Ultra-High Definition, video feeds each at 60 frames per second.

- Two independent DisplayPort1.2 capture channels
- Up to 8k x 8k capture resolution*
- Single PCIe endpoint allowing for more cards & captures to be placed in a single system

**8k x 8k at lower rates supported based on preliminary testing.*

This provides the AV market, who have begun to adopt 4k UHD technologies, high performance and greater resolutions in video.

+ VisionSC-SDI4

Developed for capturing multiple High Definition SDI video signals, the VisionSC-SDI4 is the perfect solution to AV professionals looking to capture from mulitple SDI sources.

- Four independent 3G SDI capture channels
- Four channels of 1920x1080p 60fps capture
- Frame buffer memory of 768 MB

Ideal for use in broadcast markets with any SDI capable applications, the VisionSC-SDI4 provides four 3G-SDI inputs each capable of capturing 1920x1080p at 60 frames per second.

+ VisionSC-HD4+

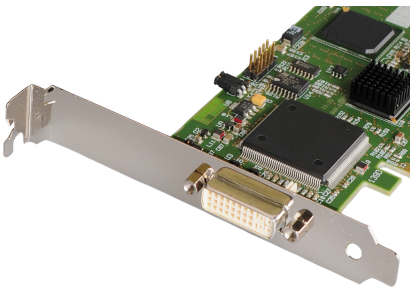
Datapath's VisionSC-HD4+ audio video capture card provides an outstanding powerful solution for multiple HDMI or DVI video capture with support for HDCP.

- Four onboard independent HDMI1.4 video capture channels
- Single PCIe endpoint, adds no further PCIe bases
- Embedded audio support across all channels

This card is suitable of a wide range of applications demanding multiple channels of video capture from a single card, in markets such as medical, defence & security applications.

VISION Range

VisionRGB-E1S

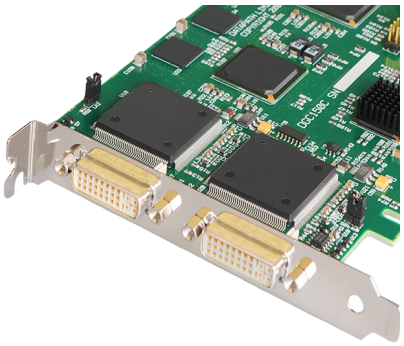


Single channel HD video capture card for high performance visualisation solutions.

- Single channel DVI, VGA, HD capture card
- Maximum data rate of 650 MB/secs
- Maximum DVI capture resolution of 1920x1200 and 1920x1080 at 60Hz

An ideal solution for applications that require the capture of analog or DVI sources in real time.

VisionRGB-E2S

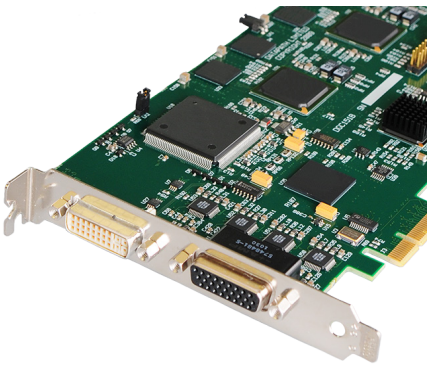


Dual channel HD video capture card for high performance visualisation solutions.

- Dual channel DVI, VGA, HD capture card
- Maximum DVI capture resolution of 1920x1200 and VGA up to 2048x1536 at 60Hz
- Maximum data rate 650MB/sec

An ideal solution for applications that require the capture of analog or DVI sources in real time.

VisionSD4+1S

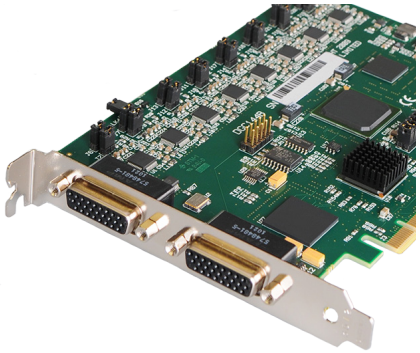


Five complete video capture channels supporting a single channel for up to 1920x1080 DVI or 2048x1536 analog resolutions, plus four SD analog capture channels.

- Four channel SD video + one channel DVI, VGA, HD capture card
- Maximum data rate 650MB/sec
- Maximum analog RGB capture resolution of 2048x1536 x 24bit
- Maximum DVI capture resolution of 1920x1200 x 24bit

An ideal solution for applications that require the capture of an RGB/DVI source simultaneously with up to four SD video sources, such as medical technology, video conferencing and security surveillance.

VisionSD8



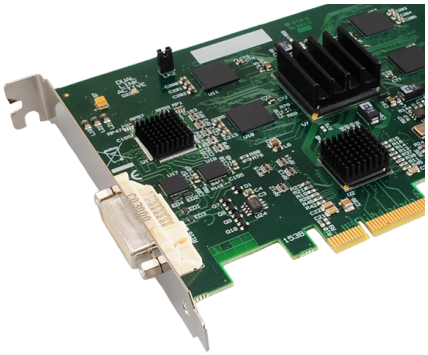
Eight channel SD video capture card.

- Maximum video capture resolution 720x576
- Supports de-interlacing
- Maximum data rate 480MB/sec
- Supports PAL, NTSC and SECAM in both composite and S-video input formats

This industry beating performance makes this card ideal for a wide range of applications including digital signage and multi display presentation software.

VisionDVI-DL

The high capture resolution can be used to capture anything from high end digtial cinema, medical video, 3D visualisation and CAD to video from radar systems.

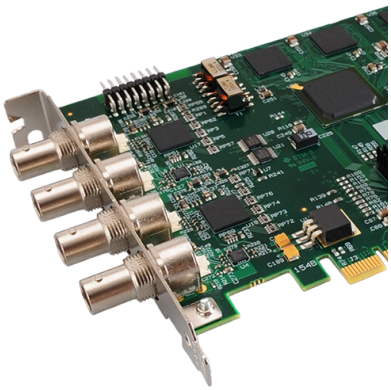


- Support for 330MHz pixel clock and a maximum canvas of 4k x 4k
- HD video capture for all progressive and interlaced DVI-HDMI modes
- Captures Quad-HD Digital Cinema modes at 24/ 25/ 30 fps

The VisionDVI-DL is suitable for a wide range of applications including large display walls and high resolution, high bandwidth applications.

VisionSDI2

Long range, single co-ax cable support - 150m capturing 1080p, 300m capturing SD.



- Dual channel PCI Express 3G/ HD/ SD video capture card
- Four lane PCIe bus with maximum data rate of 650MB/sec
- Supports all 3G/ HD/ SD video modes up to 1080p at 60 Hz

Dual channel SDI capture card the standard in professional video applications in broadcast, medical and machine vision where it has proven useful with its long cable reach and high video quality.

AVAILABLE SOON

VisionHD2-SQX

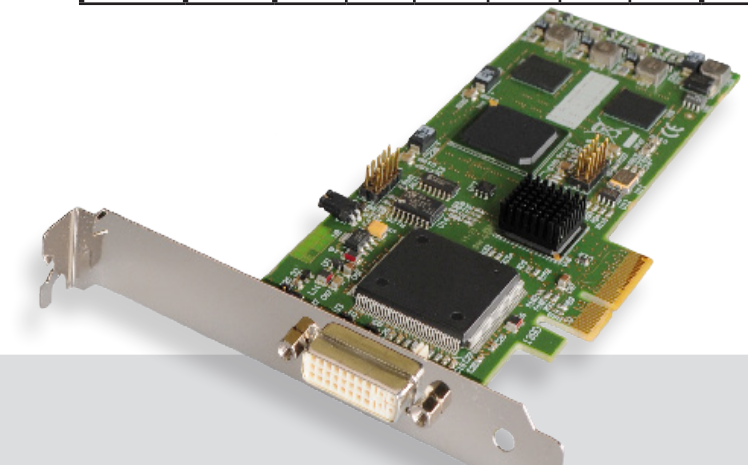
The VisionHD2-SQX is a dual channel capture and encoding device. Capture two HD 1080p videos and encode them directly into H.264. Each encoded video can be streamed via a media server or transported for local storage.

The VisionHD2-SQX is capable of two simultaneous 1080p 30fps encodes or a single 1080p 60fps encode. Supporting PCIe technology multiple VisionHD2-SQX cards can be used in a single system offering flexibility and scalability.

Additionally captured video can be transferred directly to a graphics card for display.

+ VISION INPUT MATRIX

CAPTURE CARDS														
	VISION cards						VISIONAV cards					VISIONSC cards		
	RGB-E1S	RGB-E2S	SD4+1S	SD8	SDI2	DVI-DL	F/H	B	HD	SDI	HD4	DP2	SDI4	HD4+
INPUTS														
Total Inputs	**1**	**2**	**5**	**8**	**2**	**1**	**2**	**2**	**3**	**3**	**4**	**2**	**4**	**4**
MULTISTREAM CLIENTS														
Total Clients	**16**	**32**	**32**	**16**	**32**	**16**	**16**	**16**	**32**	**32**	**64**	**32**	**64**	**64**
4K / ULTRA HIGH DEFINITION														
DiplayPort1.2												**2**		
HDMI1.4														**2**
Total 4k/ UHD												**2**		**2**
HD INPUTS														
RGB	1	2	1				1	1	2	1	4			
VGA	1	2	1				1	1	2	1	4			
DVI	1	2	1				1	1	2	1	4			
DVI-DL						1								
HDMI1.3	1*	2*	1*				1	1	2	1	4			
HDMI1.4 (in HD)														2
Component	1	2	1				1	1	2	1	4			
HD-SDI					2					1				
3G-SDI					2					1			4	
Total HD	**1**	**2**	**1**		**2**		**1**	**1**	**2**	**2**	**4**			
SD INPUTS														
Composite			4	8			1	1	1	1				
S-Video			4	8										
SD-SDI					2					1				
SDI BNC					2					1				
Total SD			**4**	**8**	**2**		**1**	**1**	**1**	**2**				
AUDIO INPUTS														
HDMI***							1	1	2	1	4			
XLR or RCA							1	**	1	1				
							1	**	1	1				



* Requires DVI backwards compatability of source
** Audio module required
*** Digital audio embedded with the video

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