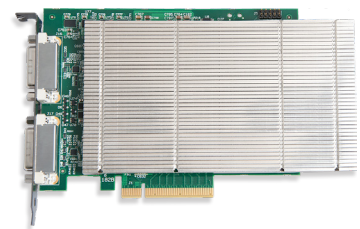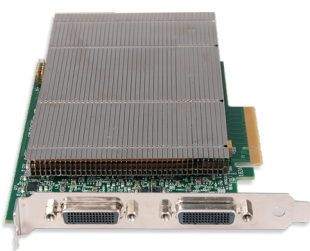![DATAPATH - EXCELLENCE BY DESIGN]

VisionSC-HD4+

PROFESSIONAL AUDIO AND VIDEO CAPTURE CARD

Advanced Graphics Display Technology

✛ HIGH PERFORMANCE CARD

A wide range of applications demand multiple channels of video capture from a single card. Markets include advanced medical, defence and security applications. Suitable for these markets and others,

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

✛ QUAD HDMI VIDEO CAPTURE

The VisionSC-HD4+ has four onboard HDMI 1.4 video capture channels; two channels supporting 3840x2160 at 60 fps and two channels offering support for 1920x1080 at 60 fps. All four channels are capable of operating independently of each other, enabling four

separate 4 video sources to be captured and controlled simultaneously. The card also has embedded audio support across all four channels. The VisionSC-HD4+ is shipped with adapter cables for either HDMI or DVI.

Capture the detail...

+ VISION PERFORMANCE FEATURES

The VisionSC-HD4+ is supplied with the Datapath Vision Performance Driver. Combining both Hardware and Software enhancements the Vision Performance Driver provides users with a variety of features to help them achieve their goals. Features include LiveStream:Capture, low latency capture solution, MultiStream allowing for the independent control of multiple instances of a single capture, a hardware based time stamping facility, automatic signal detection and more.

+ VIDEO STREAMING

For streaming applications, the VisionSC-HD4+ 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 VisionSC-HDMI4 due to it built-in WDM support.

+ MODELS AVAILABLE

VisionSC-HD4+/H
Capture card with 2 x HDMI splitter cables

VisionSC-HD4+/D
Capture card with 2 x DVI splitter cables

+ SPECIFICATION

Board Format	PCIe x8 plug-in card
Dimensions	110mm x 177mm (inc. heat sink)
Connectors adapters	2 x DSM-59 connectors plus (see below for options)
Update Rate Channels 1 & 3 - Channels 2 & 4 -	297 MP/s , 165 MP/s ,
Max Capture Resolution Channels 1 & 3 Channels 2 & 4	2 x 3840x2160p @ 60Hz 2 x 1920x1080p @ 60Hz
Frame Buffer	768MB
Pixel Transfer Formats	RGB: 5-5-5, 5-6-5 or 8-8-8 (24bit/32bit) YUV: 4:2:2 MONO: 8bit
Video Modes	HDMI 1.4, HDMI 1.3, DVI
Operating System Support	Windows ® XP, Windows Vista, Windows Server 2003/ 2008, Windows 7, Windows8/8.1, Windows 10 and Linux
Power requirements	Max current at +3.3 - 0.45A. Max current at +12V - 0.85A Max power ≈ 18W
Operating Temperature	0 to 35 ºC/ 32 to 96 ºF
Storage Temperature	-20 to 70 ºC (-4 to 158 ºF)
Relative Humidity	5% to 90% non-condensing
Warranty	3 years

All products are shipped with the latest software available, unless stated otherwise. Special requirements may be organised by contacting our Sales team.

*HDCP support requires the use of a Datapath Graphics Card. Please contact Datapath Sales for further information.

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