



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 @ 30 frames per second (fps) and two channels offering support for 1920x1080 @ 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.

+ 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, a low latency capture solution, MultiStream allowing for the independent control of multiple instances of a single capture, a hardware based times-tamping 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

+ SPECIFICATIONS

Board Format	PCIe x8 plug-in card
Dimensions	110mm x 177mm (inc. heat sink)
Connectors	2 x DSM59 connectors plus adapters (see below for options)
Update Rate	Channels 1 & 3 - 297M / pixels per second, Channels 2 & 4 - 165M / pixels per second
Max Capture Resolution	Channels 1 & 3 2 x 3840 x 2160p @ 30Hz Channels 2 & 4 2 x 1920 x 1080p @ 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 and Linux
Power requirements	Max current at +3.3 - 0.45A. (TBC) Max current at +12V - 0.85A (TBC) Max power ≈ 18W (TBC)
Operating Temperature	0 to 35 deg C/ 32 to 96 deg F
Storage Temperature	-20 to 70 DegC (-4 to 158 DegF)
Relative Humidity	5% to 90% non-condensing
Warrant	3 years

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

