

+ VISION PERFORMANCE FEATURES

The VisionSC-DP2 is supported by 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 timestamping facility, automatic signal detection and more.

To see our full range of Vision Features, please visit our product section on our website www.datapath.co.uk

+ VIDEO STREAMING

DirectShow drivers for WDM Streaming supports the following applications, to encode, record and stream video over networks or the Internet:

- Microsoft Media Encoder®
- VLC
- VirtualDub
- Any other DirectShow encoding software

For streaming applications, the VisionSC-DP2 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-DP2 due to its built-in WDM support.

+ MODELS AVAILABLE

Order Code: VisionSC-DP2
Dual Display Port 1.2 capture card

All products are shipped with the latest software available, unless stated otherwise.

+ SPECIFICATIONS

Board Format	PCIe x8 plug-in card
Dimensions	110mm x 177mm (incl heat sync)
Connectors	Locking Dual DisplayPort 1.2
Max Capture Resolution	616MPixel/second capture bandwidth per channel. Captures up to 4096 x 2160p @ 60Hz. per input
Frame Buffer	768MB
Input Mode Detection	Decodes Main Stream Attribute (MSA) data to determine video geometry
Pixel Transfer Formats	RGB: 5-5-5, 5-6-5 (16 bit) or 8-8-8 (24 bit) or 8-8-8-alpha (32bit) YUV: 4:2:2 (16 bit) MONO: 8bit
Pixel Capture Format	RGB with 18, 24 or 30 bits per pixel
Update Rate	User defined. Captured frame rate will match the source providing max data rate (6.4GB/s) is not exceeded. Multi-buffered to eliminate tearing artifacts.
Operating System Support	Windows® XP, Windows Vista, Windows Server 2003, Windows Server 2008, Windows 7 and Windows 8/8.1
Power requirements	Max current at +12V - 1.0A Max power ≈ 12W
Operating Temp	0 to 35 deg C / 32 to 96 deg F
Storage Temp	-20 to 70 DegC (-4 to 158 DegF)
Relative Humidity	5% to 90% non-condensing
Warranty	3 years

We are continuously developing the technology used within our product ranges delivering outstanding innovative solutions, therefore the specification may change from time to time.