



[DSP](#) [FPGA](#) [Audio](#) [Video](#) [Wireless](#) [Vision](#) [Data Collection](#) [Broadcast](#) [Security](#) [Company](#)

New PC Plug-in MPEG2 and H.264 SD and HD Decoders

KCL is pleased to launch a range of new Vitec decoders in the UK

- [SDM230](#) SD MPEG2-1 Single Channel PCI Decoder (digital signage)
- [SDM260ex](#) SD MPEG2-1 Single Channel PCIe Decoder
- [SDM280ex](#) SD MPEG2-1 Single Channel PCIe Decoder (digital output)
- [SDM290e](#) SD MPEG2-1 Single Channel PCI Decoder (LTC output & RS-422 control)
- [SDM290ex](#) SD MPEG2-1 Single Channel PCIe Decoder (LTC output & RS-422 control)
- [HDM500e](#) HD MPEG2 Single Channel PCI Decoder
- [HDM500ex](#) HD MPEG2 Single Channel PCIe Decoder
- [HDM850](#) HD/SD Dual Output MPEG2 and H.264 PCIe Decoder

- [HDM Family](#) - Decoder Comparison Table
- [SDM Family](#) - Decoder Comparison Table

SDM230 SD MPEG2-1 Single Channel PCI Decoder

The SDM230 standard definition decoder provides Stradis decoder product quality and performance for applications that do not require broadcast standard features. This decoder is perfect for digital signage and internal distribution networks. The SDM230 decodes full MPEG 4:2:2 profile up to 50Mbps. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The SDM230 has 4 video outputs: Analog YPbPr, Composite, RGB and S-Video. It has outputs for S/P-DIF Digital Audio and for unbalanced analog audio.



[More Information](#) ▶

SDM260ex SD MPEG2-1 Single Channel PCIe Decoder

The SDM260ex standard definition decoder provides legendary Stradis decoder products performance and features for broadcast applications that do not require digital video or digital audio output. The SDM260ex decodes full MPEG 4:2:2 & 4:2:0 profile up to 50Mbps. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The SDM260ex has two video outputs: Analog YPbPr and composite. It has 2 outputs for balanced analog audio and for unbalanced audio.



[More Information](#)

SDM280ex SD MPEG2-1 Single Channel PCIe Decoder

The SDM280ex is a broadcast quality Stradis standard definition decoder product featuring digital video and audio outputs. It offers features to match the needs of the most demanding professional applications. The SDM280ex Decoder decodes full MPEG 4:2:2 profile up to 50Mbps. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The SDM280ex has 3 video outputs for maximum flexibility: Serial Digital Interface (SMPTE292M), analog YPbPr and composite. It decodes 8 embedded audio channels in addition to outputs for AES3 digital audio and both balanced and unbalanced analog audio.

[More Information](#)

SDM290e SD MPEG2-1 Single Channel PCI Decoder

The SDM290e is the most fully featured Stradis standard definition PCI decoder product. It offers outputs and features to match the needs of the most demanding professional applications. The SDM290e decoder decodes full MPEG 4:2:2 profile up to 50 Mbps. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The SDM290e has 3 video outputs for maximum flexibility: SDI (SMPTE292M), analog YPbPr and composite. It decodes 8 embedded audio channels in addition to outputs for AES3 digital audio and both balanced and unbalanced analog audio.

Also includes LTC output and RS-422 control.

[More Information](#)

SDM290ex SD MPEG2-1 Single Channel PCIe Decoder

The SDM290ex is the most fully featured Stradis standard PCIe definition decoder product. It offers outputs and features to match the needs of the most demanding professional applications. The SDM290ex decoder decodes full MPEG 4:2:2 profile up to 50 Mbps. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The SDM290ex has three video outputs for maximum flexibility: SDI (SMPTE292M), analog YPbPr and composite. It decodes 8 embedded audio channels in addition to outputs for AES3 digital audio and both balanced and unbalanced analog audio.

Also includes LTC output and RS-422 control.

[More Information](#)

HDM500e HD MPEG2 Single Channel PCI Decoder

The HDM500e delivers true broadcast quality performance to applications requiring High-Definition. It offers outputs and features to match the needs of the most demanding professional installations. The HDM500e decodes up to MP@HL (4:2:0) with bitrates up to 80 Mbps, 1920x1080i, 1280x720p, 720x576p, 720x576i, 720x480p or 720x480i. It provides continuous, frame-accurate, seamless back-to-back

playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The HDM500e has three video outputs for maximum flexibility: SDI (SMPTE292M), DVI (Digital Visual Interface) and analog YPbPr. It decodes 12 embedded audio channels in addition to outputs for AES3 digital audio and unbalanced analog audio.

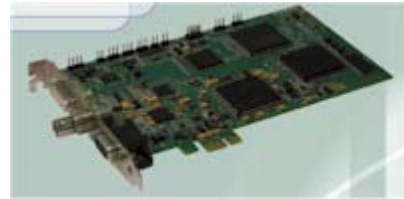


[More Information](#) ▶

HDM500ex HD MPEG2 Single Channel PCIe Decoder

The HDM500ex delivers true broadcast quality performance to applications requiring High-Definition. It offers outputs and features to match the needs of the most demanding professional installations. The HDM500ex decodes up to MP@HL (4:2:0) with bitrates up to 80 Mbps, 1920x1080i, 1280x720p, 720x576p, 720x576i, 720x480p or 720x480i. It provides continuous, frame-accurate, seamless back-to-back playback of all standard MPEG-2 streams. All decoding takes place in hardware.

The HDM500ex has 3 video outputs for maximum flexibility: SDI (SMPTE292M), DVI (Digital Visual Interface) and analog YPbPr. It decodes 12 embedded audio channels in addition to outputs for AES3 digital audio and unbalanced analog audio.



[More Information](#) ▶

HDM850 HD/SD Dual Output MPEG2 and H.264 PCIe Decoder

HDM850 is the latest High Definition decoding product from Vitec. It supports multiple formats, including MPEG-2 and H.264 codecs. The HDM850 supports continuous, frame-accurate, seamless back-to-back playback. Adding the support for all common video formats outputs from SD to 3G over SDI and HDMI, it meets your decoding needs from today and beyond.



[More Information](#) ▶

This eNews is published by Kane Computing Ltd, distributors of DSP/FPGA, Broadcast, Image Processing, Machine Vision, Audio/Video Compression and Telecommunications Solutions.

Kane Computing Ltd respects your online time and privacy. We only send this eNews to our customers and people who have signed up to receive it, however, if you would prefer not to receive future issues of eNews, you may unsubscribe by sending an email to unsubscribe@kanecomputing.com, placing unsubscribe in the 'Subject' line.

If you have received this eNews forwarded from a colleague or friend, you may subscribe yourself by emailing sales@kanecomputing.com and placing 'Subscribe – Broadcast' in the 'Subject' line.

Copyright: Kane Computing Ltd 2011
