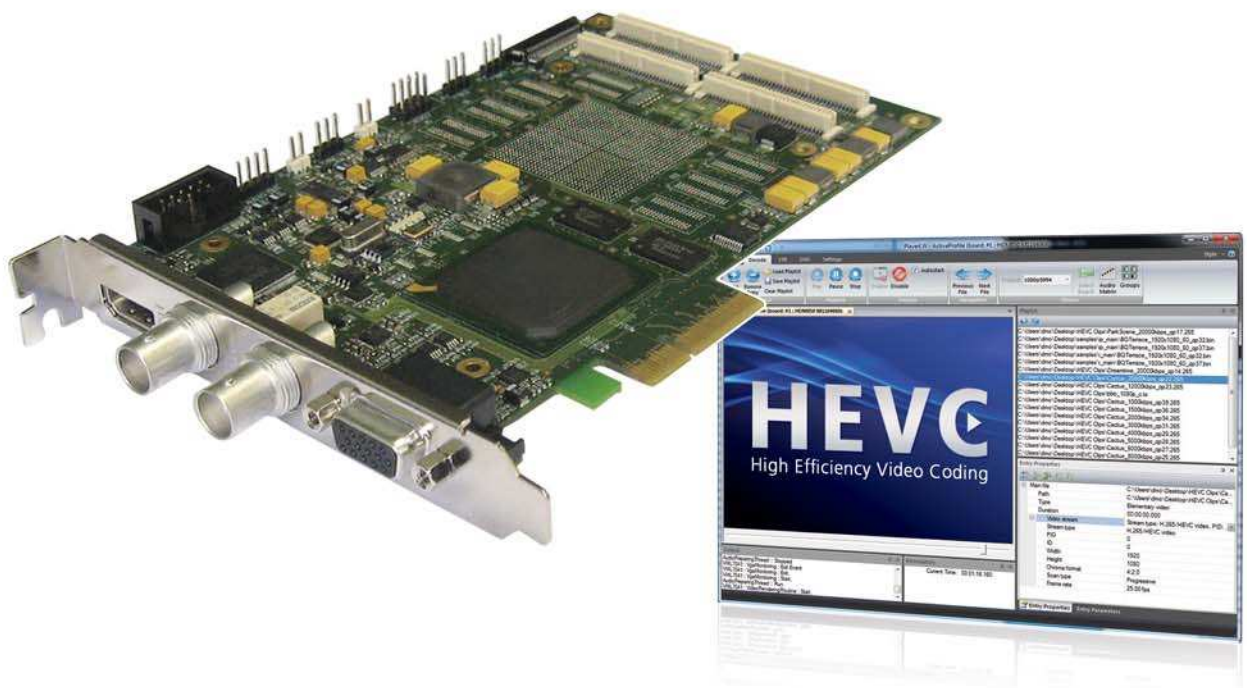


Stradis HDM850+

HEVC/H.265 Professional Decoder



TECHNICAL SPECIFICATIONS

HDM850+		HEVC/H.265 H.264 MPEG-1/2
VIDEO OUTPUTS		
Digital	HD / SD-SDI up to 3Gb/s / 1080p60 (SMPTE 259, 292, 424,425-A) HDMI 1.3 Secondary SD-SDI (SMPTE 259) for simultaneous HD & SD playback	
Analog	YPbPr, RGB up to 1080p30, Composite, S-video	
VIDEO INPUTS		
Digital	HD / SD-SDI up to 3Gb/s for seamless live video stream into a MPEG playlist	
SUPPORTED FORMATS		
Video Formats	1080p, 1080i, 720p, NTSC, PAL	
Picture Size	HD / SD	
Chroma Sampling Format	4:2:2 (H.264/MPEG-2) & 4:2:0	
Profile	HEVC up to MP@4.1 H.264 up to Hi10P@L4.2 (10bits) / MPEG-2 up to HP@HL	
Color Standards	BT.709 & BT.601	
File Formats	MP4, MOV, MXF (OP1a/OP-Atom) MPEG-2 PS / TS	
Audio Codecs	MPEG, PCM, AAC, Dolby (pass-through)	
Maximum Video Bit Rate (MPEG-2)	Up to 20 Mbps (HEVC) Up to 100 Mbps (H.264) Up to 150 Mbps (MPEG-2)	
AUDIO OUTPUTS		
Embedded Audio Channel	SDI (16), HDMI (8)	
Digital	AES3 (8)	
Analog	Unbalanced (2)	
ADVANCED FEATURES		
Seamless frame accurate playback	Yes	
RS-422 control	Sony 9-pin protocol, device mode	
VITC / LTC Output	Yes	
Genlock/Reference Input	Yes	
Video / Audio adjustments	Yes (Analog & Digital)	
Upscaling / Downscaling	Any to Any resolution with auto adaptive color conversion	
Deinterlacing	Yes	
Streaming Interface	Yes (RTP / UDP)	
Monitoring / Preview	Yes	
On Screen Display (OSD)	Full screen - Alpha-blended	
Multiboarding	Yes	
DEVELOPER RESOURCES		
Operating Systems	Windows 7 / XP / Server 2003-2008 (32/64 bit)	
Software	Powerful end user application provided	
Development Kits	Livewire SDK & Stradis SDK	
SYSTEM CONFIGURATION		
Minimum Configuration	H.264/MPEG-2: Pentium Dual Core 2.5 GHz, 2GB RAM HEVC: Pentium Quad Core 3.1 Ghz, 4GB RAM	
PCI Compliance	PCIe rev1.1 (4 lanes)	
Dimensions of the board	167.7 x 111.2 mm (6.60" x 4.38")	
Power consumption	10.3 W	

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