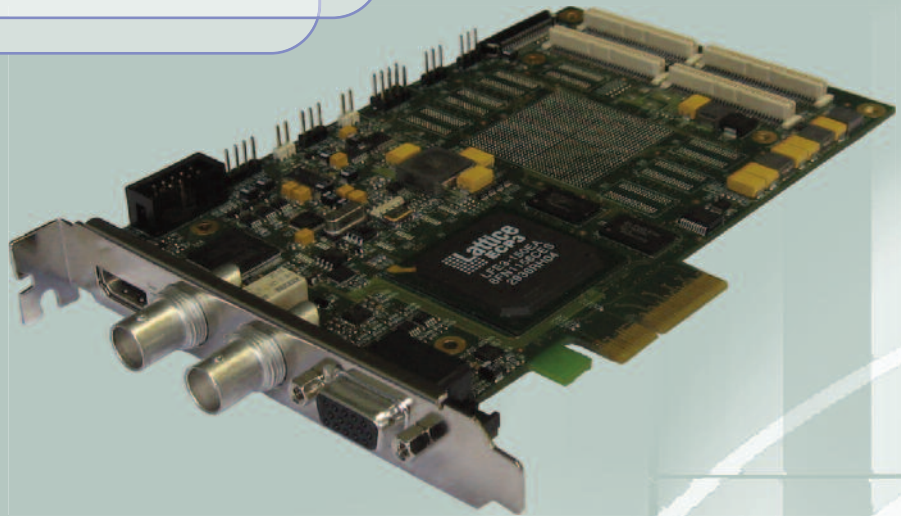


HD / SD MPEG-2 & H.264 Decoder

MAIN FEATURES

- HD / SD MPEG-2 & H.264 - 4:2:2 & 4:2:0
- HD / SD-SDI & HDMI Output up to 1080p60
- Dual outputs: HD & SD simultaneously
- Seamless frame accurate playback
- Full frame OSD with alpha blending
- Genlock
- Powerful User Interface
- Stradis SDK & Livewire SDK



APPLICATIONS

Specifically designed for professional broadcast applications, **HDM850** is ideally suited for:

- Content distribution,
- Station automation,
- Show control,
- News automation,

And much more

TECHNICAL SPECIFICATIONS

VIDEO OUTPUTS

Digital	HD / SD-SDI up to 3Gb/s (SMPTE 259, 292, 424), HDMI 1.3, Secondary SD-SDI (SMPTE 259) for simultaneous HD & SD playback
Analog	YPbPr, RGB, Composite, S-video

SUPPORTED FORMATS

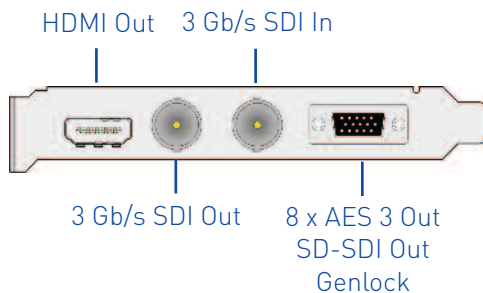
Video Formats	1080p, 1080i, 720p, NTSC, PAL
Chroma Sampling Format	4:2:2 / 4:2:0
Profile	H.264 up to HP@L4.2 MPEG-2 up to HP@HL
Color Standards	BT.709 & BT.601
File Formats	MPEG-2 PS / TS, MP4
Audio Codecs	MPEG, PCM, AAC
Maximum Video Bit Rate	Up to 100Mbps in H.264 Up to 150Mbps in MPEG-2

AUDIO OUTPUTS

Embedded Audio Channel	SDI (16), HDMI (8)
Digital	AES3 (8)
Analog	Unbalanced (2)

ADVANCED FEATURES

Vertical Interval Time Code	Yes
Linear Time Code 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
Monitoring / Preview	Yes
On Screen Display (OSD)	Full screen - Alpha-blended
Multiboarding	Yes



DEVELOPERS RESSOURCES

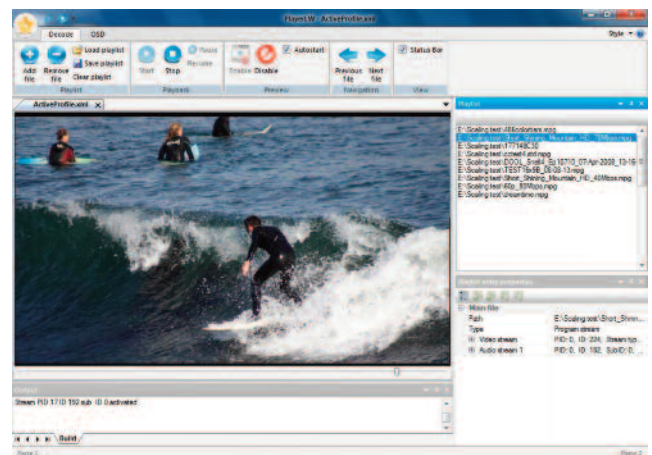
Operating Systems	Windows 7 (32/64 bits) / XP Server 2003-2008 (32/64 bits)
Development Kits	Stradis SDK (partial support) & Livewire SDK

SYSTEM CONFIGURATION

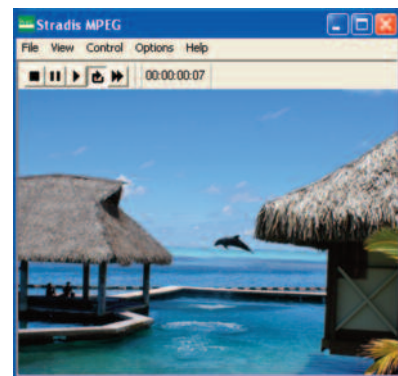
Minimum Configuration (Win7)	Pentium Dual Core 2.5 GHz, 2GB RAM
PCI compliance	PCIe rev1.1 (4 lanes)
Dimensions of the board	167.7 x 111.2 (6.60" x 4.38")
Power consumption	10.3 W

COMING SOON

- 3Gb/s SDI Input for live insertion
- Automatic failover protection (3Gb/s SDI In to Out)
- Full frame rate OSD animation
- MXF Atom and OP-1a file format
- RS422



Application based on Livewire SDK



Application based on Stradis SDK

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