

Single Channel High Definition MPEG-2 PCI Decoder

MAIN FEATURES

- HD MPEG-2 up to 80 Mbps (4:2:0)
- Outputs: HD-SDI, DVI-D, YPbPr, RGB & RGBHV
- Linear Time Code
- Genlock input
- RS-422 control
- Multiboarding
- PCI
- SDK available



APPLICATIONS

Specifically designed for professional broadcast applications, **HDM500e** is ideally suited for:

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

And much more

TECHNICAL SPECIFICATIONS

VIDEO OUTPUTS

Video Outputs: Digital	HD-SDI (SMPTE292M), DVI-D
Video Outputs: Analog	YPbPr, RGB, RGBHV

SUPPORTED FORMATS

Video Formats	1080p, 1080i, 720p
Picture Size	HD
Chroma Sampling Format	4:2:0
Profile	MP@HL
Color Standards	HD
Maximum Video Bit Rate (HD MPEG-2)	Up to 80 Mbps

AUDIO OUTPUTS

Embedded Audio Channel	12
Audio Outputs: Digital	AES3 (6)
Audio Outputs: Analog	Unbalanced (1) / Unbalanced CDROM Style (1)

ADVANCED FEATURES

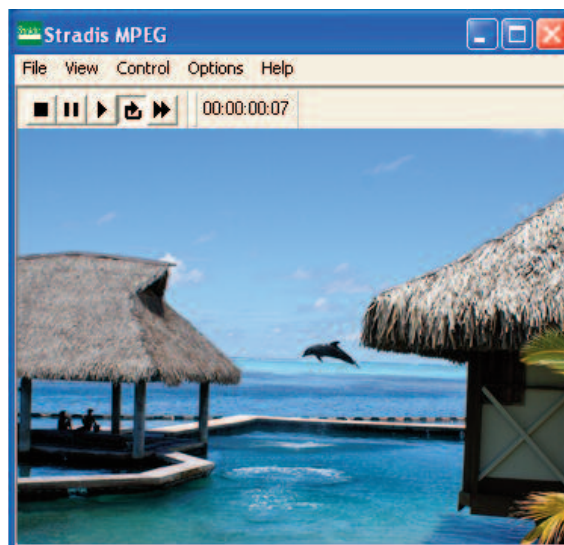
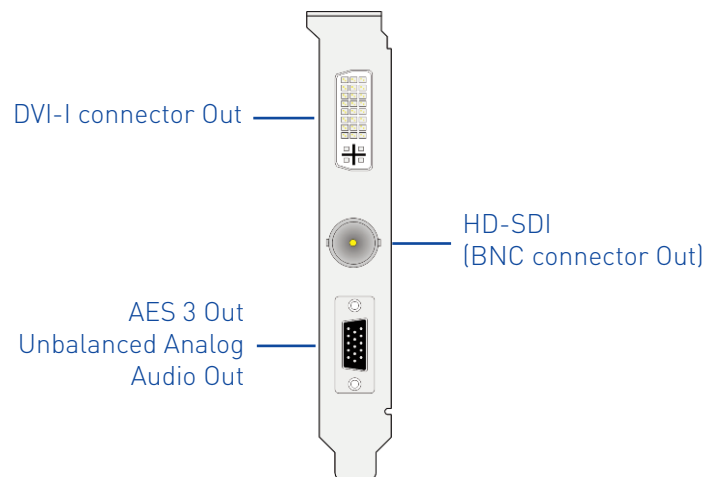
RS-422 control	Yes
Linear Time Code Output	Yes
Genlock/Reference Input	Yes
Vertical Interval Time Code	Yes
Video adjustments	Yes
Multiboarding	Yes

DEVELOPERS RESSOURCES

Operating Systems	Windows 7 / Vista / XP / 2000
Development Kits	SDK / API

SYSTEM CONFIGURATION

Minimum Configuration	→ P3 - 800 MHz, 512 MB RAM
PCI compliance	PCI rev2.1 (32 bits 33 MHz) (Automatic detection: 5V and 3.3V)
Dimensions of the board	174.63 x 106.68 mm (6.875" x 4.2")
Power consumption	8.4 W



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