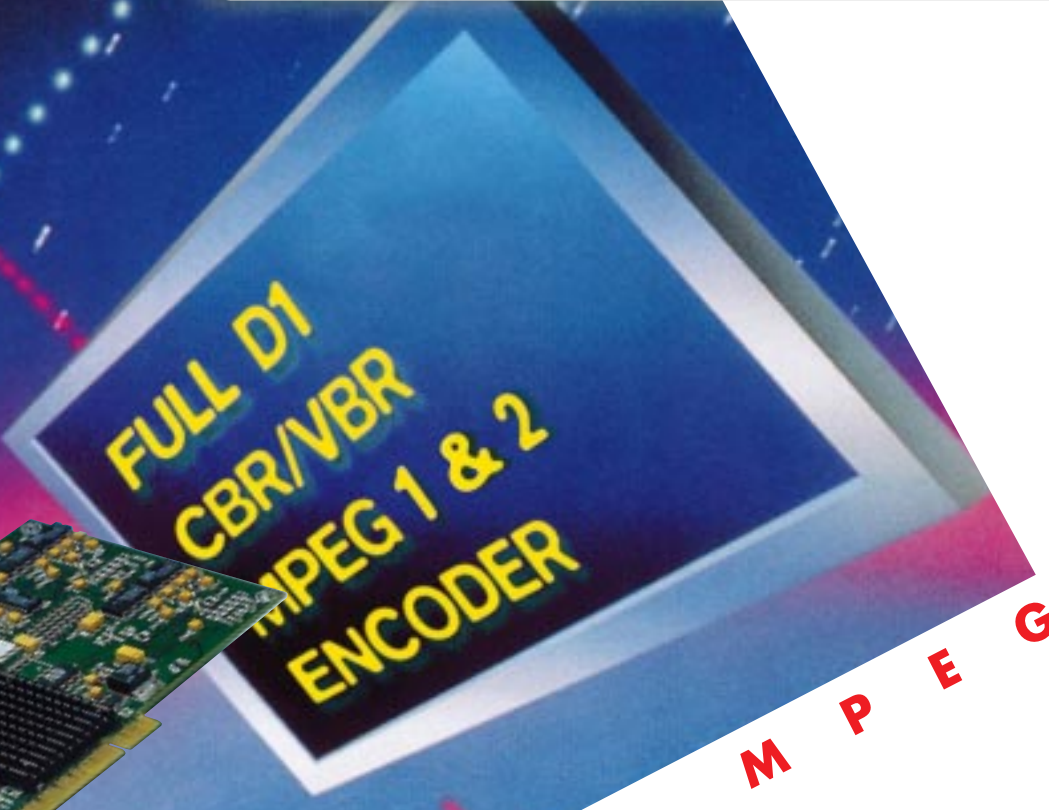


# MPEGProfiler™



P R O F E S S I O N A L M P E G

## DIGITAL VIDEO SOLUTION FOR MPEG-2 PROFESSIONALS

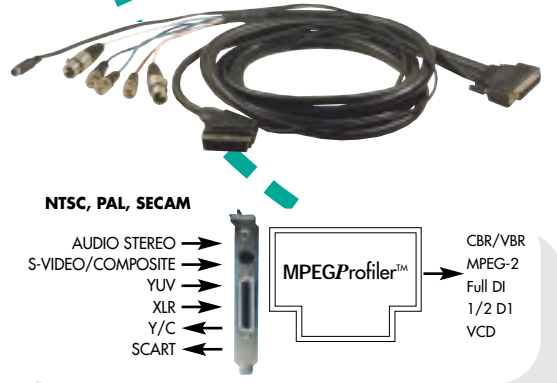
MPEGProfiler™ is the ideal solution for all multimedia professionals who are in need of the most complete Hardware and Software package for MPEG-1 and MPEG-2 Video Compression and Editing.

MPEGProfiler™ is a PCI encoding card designed for Microsoft Windows® NT4.0. MPEGProfiler™ uses the latest technology in MPEG compression offering exceptional value for money.

offers a unique set of input features such as YUV, Y/C, and Composite Video in. Furthermore, MPEGProfiler™ is bundled with the acclaimed and award winning VIDEO Clip MPEG-2 PRO®, the world's first MPEG-2 non linear frame accurate editor.

Also available, as an option, is the MPEGProfiler™ Software Development Kit. This provides system integrators and developers with the best tools for development of their own digital video applications.

Since 1988, VITEC Multimedia has been known throughout the world for it's breakthrough advances in engineering and technical expertise with MPEG technology. MPEGProfiler™ continues this tradition of excellence.



Designed by VITEC for professional applications, the MPEGProfiler™



<http://www.vitecmm.com>

# MPEGProfiler™

## 1 PROFESSIONAL APPLICATIONS

The MPEGProfiler™ is ideal for many key applications:

- DVD content creation
- Broadcast quality video archiving
- TV-like video presentations
- Multimedia kiosk content creation
- Medical video systems
- Training development centers
- Video production studios
- And much more...

## 2 FEATURES AND PERFORMANCES

### Video specifications

- Video standard : NTSC, PAL, SECAM,
- Encoding standard : MPEG-1, MPEG-2 Half-D1, 2/3-D1, Full-D1
- Video encoding bit rate : 2 to 15 Mb/s (MPEG-2), 100 kbps to 5 Mb/s (MPEG-1)
- File format :
  - Audio elementary
  - Video elementary
  - Program stream
- DVD/VCD MPEG compliance support.
- Constant and Variable bitrate.
- Video resolutions supported :

Standard	Horizontal resolution	Vertical resolution
MPEG-1	352, 320, 176, 160	288, 144 (PAL/SECAM) 240, 120 (NTSC)
MPEG-2	320, 352, 368, 384 480, 544, 640, 704, 720	576 (PAL/SECAM) 480 (NTSC)
MPEG-2 DVD compliant	720, 704, 352	576 (PAL/SECAM) 480 (NTSC)

- Calibration of hue, saturation, brightness and contrast.
- Digital prefiltering.

### Audio specifications

- Audio source : mono, stereo.
- Audio standard : MPEG-1 layer 1/2, PCM
- Audio sampling rate : 16, 22.05, 24, 32, 44.1, 48 kHz
- Audio encoding rates : MPEG-1 : 32 to 384 kbps

## 3 PHYSICAL SPECIFICATIONS

- PCI board: Half Size card
- 193 mm x 107 mm
- connectors: see diagram
- mini jack
- mini Din
- DB 44

## 4 SYSTEM REQUIREMENTS

Windows NT 4.0 SP4

Minimal configuration: Pentium II 266MHz  
64 MB RAM  
16 Bit or higher color display  
1024x768 resolution

## 5 OUTPUT/INPUT DIAGRAM



- Audio stereo in: mini jack
- S-Video/Composite in: mini-Din 4 + MD4 to RCA adaptor

Breakout connector/Cable with:

- YUV in
- XLR Audio in
- Y/C SCART for monitoring

## 6 SOFTWARE DEVELOPMENT SUPPORT

MPEGProfiler™ includes Direct Show filters

## 7 AWARDS

Video Clip MPEG-2 PRO®



## 8 SOFTWARE INCLUDED

- **Video Clip MPEG-2 PRO®**  
the world's first MPEG-2 non linear Frame Accurate Editor
- **MPEG MULTIPLEXER**  
Convert Elementary Streams to Program Streams
- **MPEG DEMULTIPLEXER**  
Convert Program Streams to Elementary Streams
- **TRANSPORT CONVERSION UTILITY**  
Convert between Transport and Program Streams



<http://www.vitecmm.com>

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