

MG 100

Full featured Real-time MPEG1 encoder

*The new generation of
high quality MPEG1 encoders*

High Quality

MPEG1
Encoder



Comes with MPEG editor and other tools
No maximum file size or lip sync problems
Real time video / audio digitizing and compression
Supports Windows 98/NT/2000 and Linux
Produces MPEG1 streams for VideoCD and Internet
Free SDK included for easy custom application creation

DARIM[®]

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MPEG1 is the de-facto standard for converting analog video and audio into digital form for presentations, storage, distribution on CDs or transmission over networks. Software MPEG players are readily available on various computer platforms as well as a standalone VCD or DVD players. The new MG-100 real time MPEG1 encoder from Darim sets new standards in professional quality and consumer price. Featuring a number of advanced quality improvement and convenient MPEG encoding options, it makes the competition look unattractive and overly priced. To see what does it mean to you, just visit our web site, check out our examples and compare with what you have seen before.

Features

- * Fully standard compliant IPB-frame video and audio MPEG encoding real time
- * Creates strictly VideoCD-compatible streams
- * Captures compressed I-frame MPEG AVI files
- * Software support for Windows 98/Me/NT/2000 and Linux OSes
- * Comes bundled easy to use MPEG editing and VCD authoring software
- * Great for live multimedia streaming (using RealVideo or MxTV servers)
- * Comprehensive SDK is available at no additional cost
- * Advanced video digitizing and MPEG encoding capabilities include:
 - Video cropping controls
 - Inverse telecine control for digitizing movies in NTSC
 - Built-in adaptive field averaging filter
 - Automatic scene change detection
 - Adjustable GOP pattern
 - Instant encoding pause/resume
 - Variable Bitrate (VBR) encoding
 - Insertion of user-defined bitmaps into encoded video

Specifications

Video Input	Composite (RCA), S-Video (DIN)	
Video Capture Performance	Data Formats:	MPEG 1 video-only (ISO/IEC 11172-2) MPEG 1 system layer (ISO/IEC 11172-1) VideoCD (White Book) MJPEG AVI
	Frame Rate:	NTSC: 29.97 frames/sec PAL: 25 frames/sec
	Frame Size:	NTSC: 160x120, 320x240, 352x240 PAL: 160x120, 176x144, 320x240, 352x288
	Compressed Data Rate:	192 Kbps - 6Mbps (SIF resolution) 64 Kbps - 2 Mbps (QCIF resolution)
Audio Inputs	Line (3.5 mm Stereo mini-jack) Microphone (3.5 mm Mono mini-jack)	
Audio Capture Performance	Data Formats:	MPEG 1 layer II, Uncompressed PCM
	Modes:	Mono, Stereo, Joint Stereo
	Sampling Frequencies:	32 kHz, 44.1 kHz, 48 kHz (MPEG)
	Compressed Data Rate (MPEG):	32 - 384 Kbits/sec (MPEG)
Physical Specifications	PC Interface:	32-bit PCI bus
	Power:	5V @1A
	Dimensions:	120x110x12 mm

System Requirements

- * IBM compatible PC with Intel® Pentium™ MMX 200 MHz CPU or better
- * 32 MB or more RAM (48 MB or more is recommended)
- * One free 32-bit PCI slot with bus mastering capabilities

- * Display adapter configured for 32768 or 65536 colors at 800x600 or higher resolution
- * Windows-compatible sound card is required for MPEG audio playback after capture
- * Microsoft Windows 98/Me/NT/2000 or Linux operating systems

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