



MOTION
PIXELS™

ATTENTION

Multimedia Developers

Motion Pixels™ software

Education and Training Specialists

brings VCR quality video

Advertising and Sales Professionals

to personal computers

without adding hardware

Consumers want to see full screen video on their PCs, instead of video images that jerk and drop frames in postage stamp-sized boxes.

Motion Pixels™ works for Treasure Quest™, and it can work for you!

Motion Pixels is a "codec" - compression and decompression software - that provides full-motion, full-screen, high-quality digital video without the need for special video accelerator hardware (such as MPEG boards).

Motion Pixels video playback software (the software that plays the video in Treasure Quest) can run on systems starting as low as 486DX2s with 8MB of memory.

Motion Pixels software consists of two programs, a Compressor and a Player.

The Motion Pixels Compressor program provides adjustable controls that until now were available only on hardware-based compression products. These controls eliminate many of the separate steps used by other compression techniques, improving the turnaround time for compression.

The Motion Pixels Player program offers multimedia developers a wide choice of playback options:

- 12 resizing options
- three color choices
- five screen resolutions
- chroma keying (blue/green screening)
- single field
- wide field split
- predictive frame doubling

Motion Pixels technology can enlarge a video image 4-fold without loss of picture quality.

Imagine the possibilities!

- Add full-motion video to an entertainment title.
- Develop video applications that do not require Pentium processors or MPEG hardware to run.
- Convert training videos into a form suitable for distribution on a CD-ROM or a network.
- Provide high-quality interactive educational CD-ROMs containing real situations and real people for enhanced learning.
- Deploy technical staff to work sites with video maintenance manuals on notebook computers.
- Develop promotional material that guides your prospect or client through your products and services.

Look at these features!

- Use Motion Pixels resizing to produce full-screen full-motion video images.
- Rescale the playback to match the video capabilities of any particular machine.
- Achieve high-quality and low data rates for animations and renderings.
- Dramatically reduce data rates with the Motion Pixels chroma keying feature.

Ask Us!

To see how digital video can help you, call Motion Pixels at

1-602-905-9411 or FAX 1-602-951-2683

Use the form on the following page to purchase your own Compressor/Player and Resource Kit.

Don't miss this opportunity to stay on the cutting edge of CD-ROM development.

Motion Pixels Order Form

YES!! I want to purchase the Compressor/Player and Resource Kit for only \$299.00 plus \$10.00 shipping and handling. I will receive:

MP320/95 Compressor/Player and Resource Kit which includes the Compressor, Player, User's Guide, API Software, and API Guide

Requirements:

Operating system: Windows 95, Windows 3.1 or Windows for Workgroups 3.11
Processor: minimum 486DX2; recommended 486/100MHz or any Pentium processor. RAM: minimum 16MB; recommended 32MB

Ship to:

Name _____

Title _____

Company _____

Address _____

City _____ State _____

Zip/Postal Code _____ Country _____

Phone _____

Fax _____

Method of Payment

Check enclosed for \$_____ (Payable to Motion Pixels)

MasterCard Visa Discover Card AMEX

Account No. _____

Exp Date Mo. _____ Yr. _____

Signature _____

Daytime Phone (_____) _____

Billing Address if different than Shipping Address:

Name _____

Company _____

Address _____

City _____ State _____

Zip/Postal Code _____ Country _____

TO EXPEDITE YOUR ORDER CALL

1-602-905-9411 or FAX 1-602-951-2683

or complete the order form and mail to:

Motion Pixels Company
7320 E. Butherus Drive
Scottsdale, AZ 85260 USA

Feature Summary

The Motion Pixels Compressor program

- Runs under Windows 3.1, 3.11, and Windows 95
- Supports capture sizes up to 640 x 480
- Adjustable controls:
 - five color-subsampling settings
 - interframe compression adjustments for edge and color distance
 - background filtering (automatic)
 - sliding scale for gamma (color) correction
- Chroma keying (blue/green screening)
- Two compressed file formats:
 - Motion Pixels AVI files, for playback under Windows
 - MVI files, for playback in a DOS session under Windows (when compressed using Windows 95)

The Motion Pixels Player program

- Runs on Windows 3.1, Windows for Workgroups 3.11, Windows 95; plays AVI and MVI files.
- Minimum 486DX2, 8MB RAM, 2X CD-ROM (for video stream). NOTE: requires 12MB RAM if playing video frames of greater than 76,800 pixels (i.e., 320 x 240 pixels).
- Playback Options:
 - 12 resizing options, including original size, four-times, nine-times, and wide-field enlargement.
 - Color choices of 256, 32K, 64K, and grayscale.
 - Five screen resolution modes ranging from 320 x 200 to 1024 x 768.
- The keyboard controls for MVI-formatted video files allow you to pause and resume playback by pressing the space bar. Pressing the plus key advances frame-by-frame, and the numeric keys one through nine control the playback speed from one-eighth to four-times normal.
- Royalty-free distribution license when distributed with video content which is compressed in Motion Pixels compressed format on a fixed medium.

The Motion Pixels Codec Q & A

Q: *Why digital video?*

- A: Similar to the advantages digital audio has over analog audio cassette tapes, digital video...
- can be reproduced with no loss of quality.
 - allows content to be selected without the delay of fast forward or rewind.
 - can be mass-produced on CD-ROMs for one-half to one-third the cost of VHS tapes.
 - on a CD-ROM, maintains its quality regardless of the number of times it's played, unlike VHS tapes.
 - can be transmitted over existing computer networks.

Q: *How much Motion Pixels digital video will fit on a CD-ROM?*

- A: The amount varies with capture size and frame rate. As a rule of thumb, about 45 to 60 minutes of video will fit on today's (650MB) CD-ROM. When the new DVD CD-ROMs are available, three feature-length movies will fit on one disc.

Q: *Besides using digital video for computer games and entertainment, what other applications are there?*

- A: Motion Pixels digital video can be used for ...
- college and military recruitment to enhance the prospect's knowledge about campus or military life.
 - training and development to put repetitive training into an interactive format.
 - hotels and resorts to let potential guests take professionally-narrated video tours of your facilities.
 - product and sales promotion to give prospects professionally-produced information about your products and services.
 - technical resources to give your service personnel comprehensive video reference manuals on a CD-ROM for use at the service center or at your customer's site on a notebook computer.