

Use this slider to set the tradeoff between *smoother motion* and *sharper images*. If the “Limit data rate” checkbox is selected, the quality setting specifies the desired *average* frame quality. To maintain the requested average frame quality and data rate, individual frames may have slightly better or worse quality, and some frames may be discarded if the sequence is difficult to compress. If the “Limit data rate” checkbox is not selected, each frame is compressed with constant quality (variable data rate).

Check this box if you want to limit the data rate of the compressed sequence.

Use this field to set the video data rate (in bits per second) for the compressed video.

Note: This value is only for the video portion of the AVI file. The audio data rate must be set elsewhere in the editing application.

Resets options to default (factory) settings

Closes this dialog box and saves any changes you have made.

Closes this dialog box without saving any changes you have made.

For processors without MMX™ technology, this option uses faster compressor options that result in slightly lower video quality. For processors with MMX™ technology, the best quality video can be achieved using the faster compression; hence, this option has no effect.

A PB-frame consists of two video frames being coded as one unit. Using this option, the frame rate can be increased with only a small increase in the bit-rate.

Tip: Use this option only on systems with MMX™ technology and in conjunction with either the Advanced Prediction, Unrestricted Motion Vectors, or Deblocking Filter options.

This option slightly improves compression performance and provides subjective improvement by reducing blocking artifacts. However, it slightly blurs the image frames.

This option is useful for high motion sequences, in particular, those that contain camera movement. It is available only on systems with MMX™ technology; on other systems, this mode is automatically disabled.

This option provides subjective improvement by reducing blocking artifacts. However, it slightly blurs the image frames.

Check this box if you would like to perform a low-pass filter on the input image frames prior to compression. The pre-filter improves compression performance at the expense of blurring the image frames. Select between “moderate” and “severe” depending on the desired amount of compression and your tolerance for blurred images.

