

What types of video files does Ensemble Video allow?

Acceptable video formats include avi, m4v, mov, mp4, mpeg, mpg, QT, wmv and many more! Here is a [complete list of supported formats](#). For best results, try to encode videos using our video compression guidelines. These basic principles will apply to almost all of the video programs out there.

Video

Codec: H.264/MP4

A codec is the format in which your video will be *encoded*. Different codecs have different features and varying quality. For best results, we recommend using **H.264** (sometimes referred to as MP4).

Frame Rate: 24, 25, or 30 FPS

If you know at which frame rate you shot, it is best to encode at that same frame rate. However, if it exceeds 30 FPS (frames per second), you should encode your video at half that frame rate. For example, if you shot 60 FPS, you should encode at 30 FPS. If you're uncertain what frame rate you shot at, set it to either "Current" or 30 FPS. If there is an option for keyframes, use the same value you used for frame rate.

Data Rate: 2000 kbps (SD), 5000 kbps (HD)

This setting controls both the visual quality of the video and the file size. In most video editors, this is done in terms of kilobits per second (kbps). Use 2000 kbps for standard definition or 5000 kbps for high definition video.

Resolution: 640x480 (SD), 1280x720 (HD)

640x480 for 4:3 SD video, 640x360 for 16:9 SD video, and 1280x720 or 1920x1080 for HD. If you have the option to control the pixel aspect ratio (not the display aspect ratio) make sure it's set to "1:1" or "1.00", sometimes referred to as "square pixels."

Deinterlacing: Maybe

If you are shooting on an older camera, enable this option. Otherwise, you may get weird-looking horizontal lines in your video. With newer camera models this won't matter, so you can leave this option unchecked.

Audio

Codec: AAC (Advanced Audio Codec)

For best results, we recommend using AAC for the audio codec.

Data Rate: 128 -256 kbps

Export you audio at the highest quality audio data rate possible.

Sample Rate: 44.1 kHz

44.1 kHz is the highest audio sample rate we currently support.