

Welcome to **VoltaicHD**

<http://www.shedworx.com>

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What is VoltaicHD?

VoltaicHD is a program to convert AVCHD video content to a format usable on Macintosh OS X computers.

What is VoltaicHD not?

VoltaicHD is not a movie player or editor.

How do I setup VoltaicHD?

Once you have installed VoltaicHD, open the Preferences window to setup your preferences.

How do I use VoltaicHD?

Open your AVCHD files from the file list window, or drag and drop onto the list area.

Once your files are in the list, just click Start.

A more thorough user guide can be found on our website.

How do I get my movies off my camera?

With AVCHD camcorders, you typically need to connect the camera to your Mac using a USB cable. Once connected and powered on, the camcorder should appear on the desktop as a new disk. The location of the films on the camcorders disk will vary depending on manufacturer. It is required that you copy the movies to your Mac's hard-drive before using Voltaic. Visit our website for information on DVD-based AVCHD cameras.

How do I activate VoltaicHD?

Please visit <http://store.shedworx.com>

Once you have received your activation code via e-mail, start Voltaic and go to the Voltaic->Activate menu option.

What is the Apple Intermediate Codec?

Also referred to as AIC, the Apple Intermediate Codec is a digital film format entirely using I-frames. This means that it is easy to edit your films in real-time. AIC is the native format for both iMovieHD and Final Cut.

FFmpeg

VoltaicHD uses FFmpeg for part of the conversion process. FFmpeg is used as an external executable and you can find it in the Resources area of the application contents. You are welcome to replace FFmpeg with a version that you compile up yourself if you like. You can see the build options and SVN version number of the version of ffmpeg that we supply by double clicking on the ffmpeg file.

Are there requirements?

Yes, and they are as follows:

- Mac OS X 10.4 or 10.5 (Intel and PowerPC)
- Quicktime 7.3 or later
- Apple Intermediate Codec (AIC comes with iMovieHD and Final Cut)
- A significant amount of disk space.

A 15 MB AVCHD file will result in an ~40 MB Quicktime AIC movie, with an *additional* ~40 MB temporarily needed for the conversion. A 50 MB AVCHD movie will result in an ~280 MB Quicktime AIC movie, with an *additional* ~280 MB temporarily needed for the conversion. We hope you get the idea that a lot of hard drive space is required.

Version history

- 1.7.0 Now supports encoding for other formats including MOV, MP4, DV, TOD.
- 1.6.2 Fix for machines running 10.5.* on PowerPC boxes.
- 1.6.1 Added support for Sanyo and JVC Everio files.
 - Fix for machines running 10.4.* on Intel boxes.
- 1.6.0 Added support for custom video exports through Quicktime export mechanism.
- 1.5.0 Added auto-update functionality.
 - Fix for machines running 10.4.* on Intel boxes.
- 1.4.4 Implemented proper fix for 1440x1080 users with speed up problem.
 - Added Polish translation
- 1.4.3 Interim fix for 1440x1080 users with speed up problem.
 - Fixed problem when progress counter was being reset.
- 1.4.2 Fixed logging.
- 1.4.1 Fix for machines running PowerPC and 10.5.
 - Fix for error message indicating no space left when 'Same as Source' was selected.
- 1.4.0 Added Details drawer including thumbnail preview.
 - Minor improvements.
- 1.3.0 Added % complete progress indicator.
 - Added scripting support (AppleScript)
 - Added audio and popup notifications
 - Added Japanese translation
- 1.2.4 Revised how 1920x1080 output is handled.
 - Removed the requirement for Perian Quicktime plug-in
 - Removed iMovie/Final Cut mode preference setting.

- 1.2.3 Updated to new H.264 revision. Support for Sony SR-11/12 added.
- 1.2.2 Activation process bug fix
- 1.2.1 Added support for Panasonic HDC-SD9 NTSC 24p mode
Added new output resolution option of 960x540p
- 1.2.0 Added automatic detection of frame rate and resolution.
Moved to new ShedWorx store activation method.
- 1.1.2 Added Internationalisation support for Italian and Norwegian.
- 1.1.1 Added Internationalisation support for German and French.
- 1.1 Complete re-write. Now using file list approach. Greater preference flexibility.
- 1.03a Improved handling of large (2GB) files. Improved (but not perfect) batch processing. Saving of preferences. Support for "true" 1080i HD cameras.
- 1.02d Fixed demo mode problem with file size calculation.
- 1.02c Batch processing fix.
- 1.02b Slight image quality improvement
- 1.02 Fixed issue with spaces in directory and file names.
- 1.01 Small code optimization. Minor stylistic changes.
- 1.0 Initial release