

Camcorder Conversion

The Digital Legacy Lab can convert Hi8 and 8mm video cassette tapes, and MiniDV tapes with the UCEC All-in-One USB 2.0 Video Capture converter. Use the adapter to connect to the appropriate camcorder.

If you have a working camcorder with an A/V output, you can use the Digital Legacy Lab equipment to digitize your tapes. Geauga County Public Library is not responsible for your equipment.

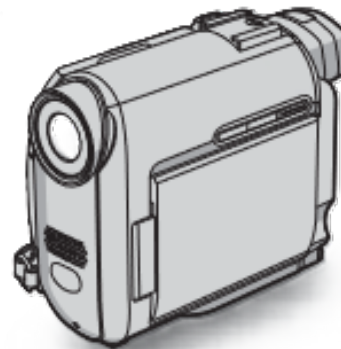
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Available Camcorders



Samsung SCL810
Hi8 and 8mm cassette tapes



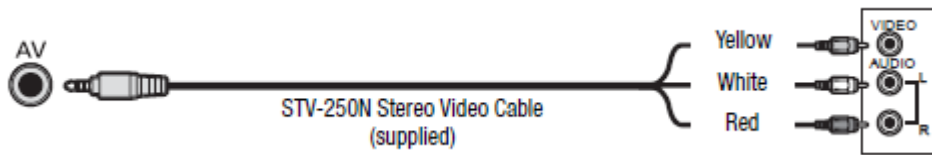
Sony DCR-HC20 or DCR-HC46E
MiniDV's

Setting up the Camcorder

For all camcorders, you should leave them plugged in and charging for the duration of your project. This will help avoid any loss of power. When you are finished, unplug the camcorder.

To set up the Hi8/8mm tape camcorder:

1. Connect the cable labeled 8mm/Hi8 to the camcorder. The plug should be inserted into the yellow plug labeled A/V OUT.



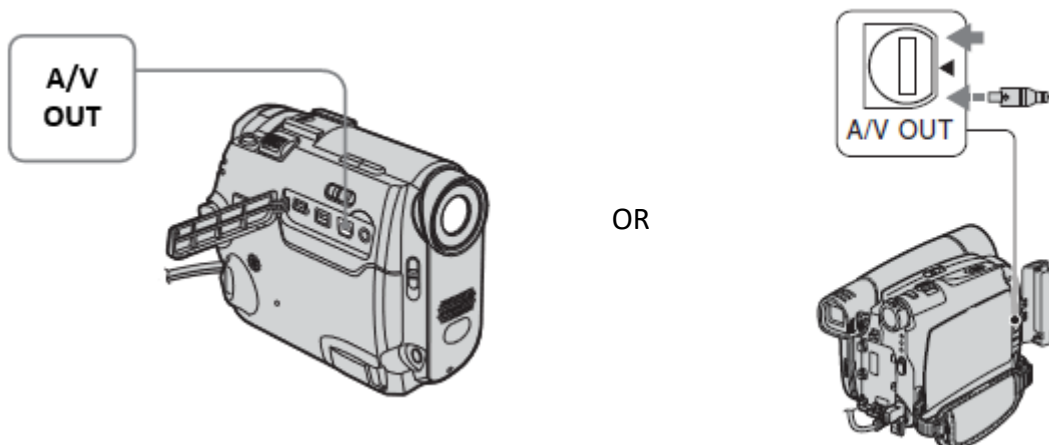
2. Connect the colored plugs to their corresponding color plugs on the All-in-One converter.
3. Turn on the camcorder. Using the dial to the right of the battery pack, turn the dial down to select PLAYER.



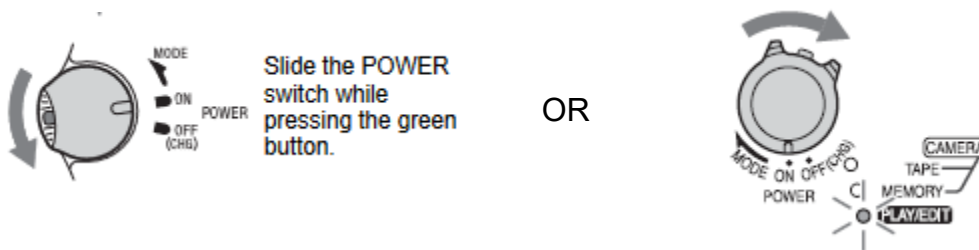
4. Insert the tape into the camcorder.
 - a. Press the TAPE EJECT button. The cassette compartment will automatically open.
 - b. Insert your tape and gently close the side of the compartment. The cassette compartment will close and slide back into the camcorder.
 - c. **Do not force the compartment closed or attempt to yank the tape in or out.**
 - d. If the tape begins playing, press STOP for now.
5. If you have opened the view screen, close it before beginning recording. Leaving it open will cause audio to play from the camcorder, not the Honestech software on the PC.

To set up the MiniDV camcorder:

1. Connect the cable labeled MiniDV to the camcorder.
 - a. To access the A/V OUT port, gently remove the cover on the side of the camcorder.



2. Connect the colored plugs to their corresponding color plugs on the All-in-One converter.
3. Insert the tape into the camcorder.
 - a. Slide the OPEN/EJECT lever in the direction of the arrow and open the lid. The cassette compartment should automatically open.
 - b. Gently press PUSH. The cassette compartment will close and slide back into the camcorder.
 - c. **Do not force the compartment or attempt to yank the tape in or out.**
 - d. Close the lid.
4. Turn on the camcorder and set the camcorder to PLAY/EDIT mode.
 - a. Open the viewscreen.
 - b. Slide the power switch repeatedly until PLAY/EDIT lights up.



Recording a Video from a Camcorder

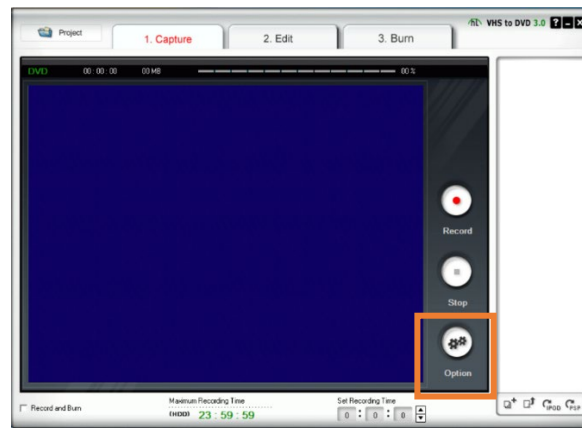
1. Make sure the appropriate camcorder is plugged into the All-in-One converter and turned on.



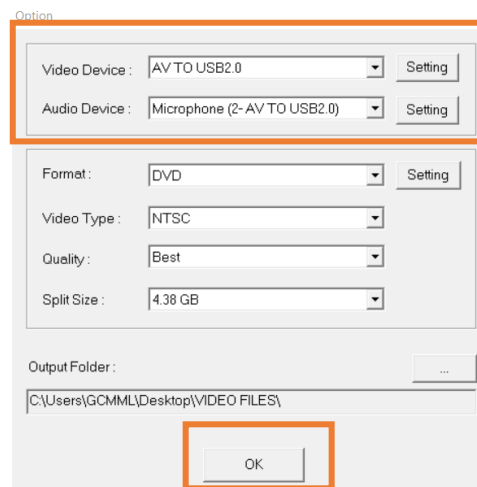
- a. This is the converter. Connect each plug to the matching plug on the cord attached to the camcorder.
 - i. Red to red, yellow to yellow, and white to white.
 - ii. The other end (USB connection) should be plugged into the USB strip.
2. If the camcorder starts playing, press STOP for now.
3. Double-click the **Honestech VHS to DVD 3.0** icon on the desktop.



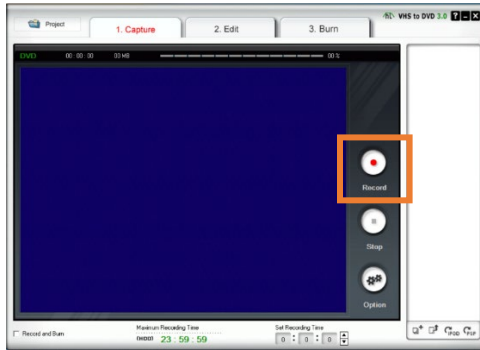
4. If prompted, enter the product key for the software. If not prompted, skip to the next step.
 - a. The product key is located on the Honestech CD case in the DLL storage bin.
5. The Honestech window will open.
6. Click **Option**.



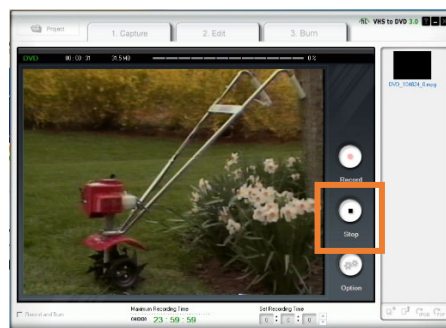
- a. Make sure the AV TO USB2.0 is selected for video.
- b. Make sure the audio is AV TO USB2.0.
- c. Click **OK**.



7. Press **Record** on the Honestech software and then press **Play** on the camcorder.
 - a. The tape will start to play and the software will record.



- b. You should see the video on the screen and hear the audio through the PC software.
 - i. For Hi8/8mm camcorders: If you hear audio through the camcorder and not the PC, close the view screen on the camcorder. You will need to restart the recording process to capture audio.
 - ii. For MiniDV camcorders: You will hear audio from **both** the camcorder and through the PC. This is normal.
- 8. When finished, press **Stop** on camcorder and then **Stop** in the Honestech software.

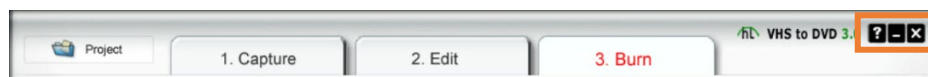


- 9. Rewind your cassette before ejecting from the camcorder.
- 10. Insert a new cassette to record another video.
- 11. When finished, save your files to a USB drive, or burn them to a DVD.

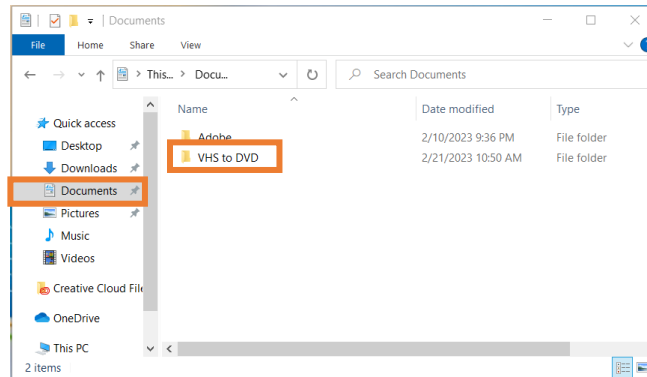
Save Your Video Files

Geauga County Public Library recommends saving your files to a USB drive (also known as a flash drive or memory stick) with at least 8GB of storage data. USB drive come in many sizes, so choose the size best for your projects and budget.

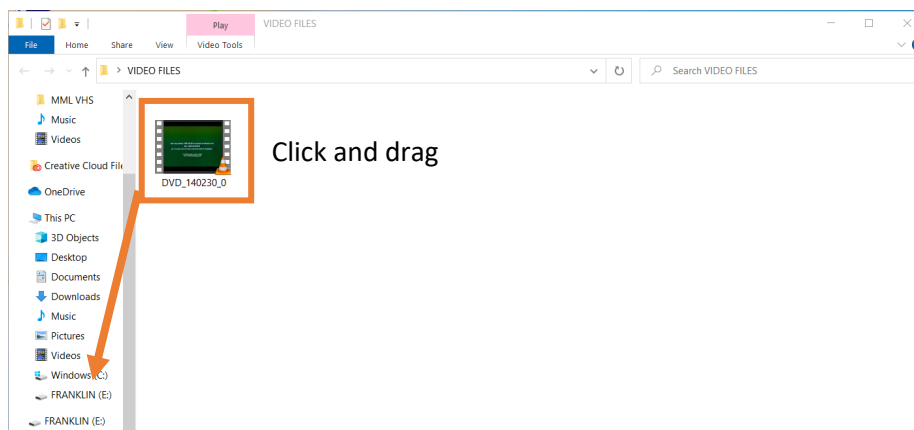
- 1. Close or minimize the Honestech window.



2. Files are saved to the Documents folder in the File Explorer.
 - a. Click on File Explorer in the taskbar.
 - b. Click on Documents
 - c. Double click on the VHS to DVD folder.



- d. If you changed the save location in the Honestech Options, locate that folder instead.
3. Highlight the files you want to save by clicking and dragging the cursor over them.
4. Click on the highlighted area and drag your files to your USB drive on the left.
 - a. If the files are large, try saving one at a time.



Burn to a DVD

There are multiple ways to burn a DVD. Here are the directions to burn a DVD in the Honestech software.

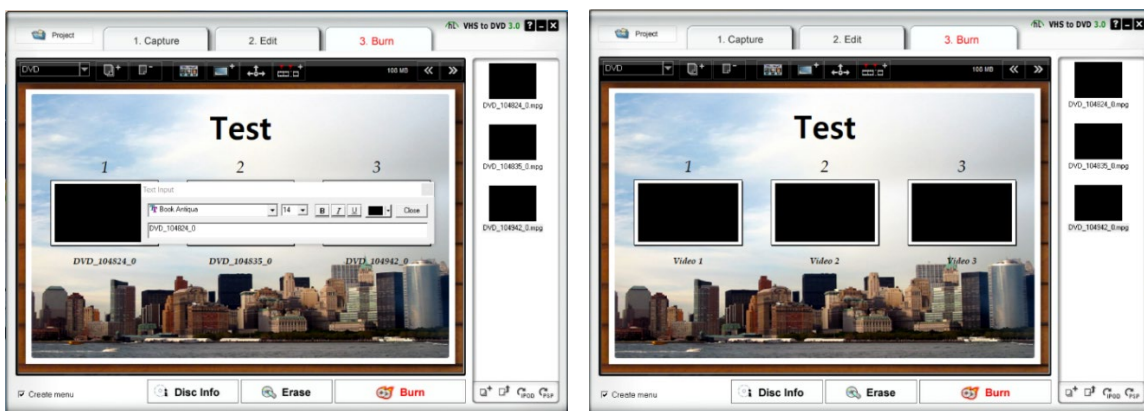
1. After recording the video(s) you want to burn to a DVD, click the **Burn** tab.
2. Click and drag the files on the right side of the screen to the middle of the software.



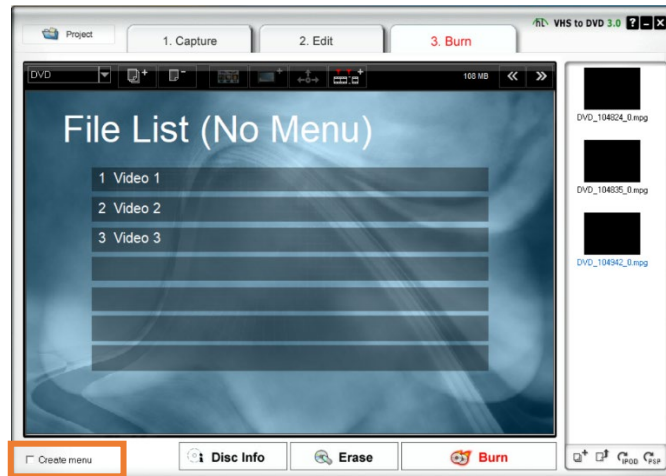
3. This will create a default menu that you can edit.
 - a. Double-click on the title ("My Title") to type in a new title



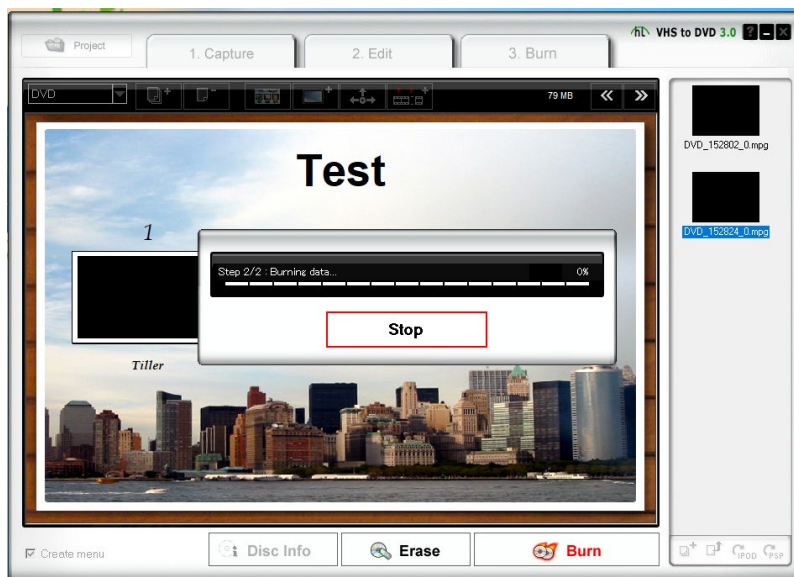
- b. Double-click on each file name under each video to change the name of each individual video and organize the videos.



- c. If you do not want an automatic menu, uncheck the box next to "Create menu." The screen will change to this.



4. Insert the blank DVD into the computer.
 - a. Wait until the computer recognizes the blank DVD. This may take some time.
 - b. If the DVD is not recognized, try ejecting and re-inserting the DVD.
5. When ready, click **Burn** in the Honestech software.
6. The videos will be burned to the DVD and will be playable in a DVD player.



7. Eject your DVD from the computer.

Camcorder Troubleshooting

Problem	Cause	Solution
The device is playing but there is no video or audio playing on the PC	The All-in-One converter is not correctly plugged into the device.	Plug each cord into its color-corresponding plug on the device. Make sure that the USB cable is plugged in.
Cannot hear the recordings once saved and trying to play them on the computer	Computer audio output not set correctly.	Access the Settings > System > Sound . Under Output , select the device you are using to listen.
Audio is playing, but no video is playing on the Honestech software	The Honestech software options are not set correctly.	In Honestech, click Option . Make sure "AV TO USB 2.0" is selected for Video Device. Make sure "AV to USB 2.0" is selected for Audio Device. Select OK.
The AV to USB2.0 option is greyed out in the Honestech software	Computer volume mixer settings not set correctly	Close Honestech. Access the Settings > System > Sound . Under Advanced Options , select Volume Mixer . In the Input device dropdown menu, select AV to USB2.0 . Restart Honestech.
The Hi8/8mm camcorder is playing audio, but no audio is playing on the Honestech software	Camcorder speaker is on.	Close the camcorder LCD screen to turn off the camcorder speakers.
Cassette compartment will not open or eject a tape.	The camcorder is not charged.	Make sure that the battery pack is inserted into the camcorder correctly. Connect the charging cable to the camcorder and plug it into the power strip. Be sure to leave the camcorder plugged in while recording to avoid any loss of power.
Camcorder will not turn on.		
Camcorder turns off in the middle of recording.		
The MiniDV camcorder is playing audio at the same time that the Honestech software is, or with a slight lag.	This is normal.	