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› **ezcap** /

› VHS to Digital Converter, Ezcap USB 2.0 Video Capture Card, Convert VHS, VCR, Hi8, Camcorder to Digital, Supports CVBS and S-Video Input, Compatible with Windows, Mac, Linux, H.264 Format

ezcap ezcap_usb2_video_capture_card

Ezcap USB 2.0 Video Capture Card User Manual

Model: ezcap_usb2_video_capture_card

1. INTRODUCTION

The Ezcap USB 2.0 Video Capture Card is designed to convert analog video sources, such as VHS tapes, VCRs, Hi8 camcorders, and other devices with CVBS (RCA) or S-Video outputs, into digital format. This device connects to your computer via USB 2.0 and supports video capture up to 480p resolution. It is compatible with Windows, Mac, and Linux operating systems, providing a versatile solution for preserving your old video memories.

Key features include driver-free operation, support for both PAL and NTSC TV standards, and bundled video editing software for Windows to facilitate editing and conversion to various digital formats.



Figure 1: Ezcap USB 2.0 Video Capture Card with its composite video (yellow), stereo audio (red and white), and S-Video inputs.

2. SETUP GUIDE

Follow these steps to set up your Ezcap USB 2.0 Video Capture Card:

1. **Identify Connectors:** The capture card features a USB 2.0 connector for your computer, and RCA (yellow for video, red for right audio, white for left audio) and S-Video inputs for your analog source device.



Figure 2: Labeled diagram of the USB, Audio (L/R), CVBS (Composite Video), and S-Video connectors on the capture card.

2. **Connect to Analog Source:** Connect the RCA or S-Video cables from your analog source device (e.g., VCR, camcorder) to the corresponding inputs on the Ezcap capture card. Ensure video (yellow) and audio (red, white) cables are correctly matched.
3. **Connect to Computer:** Plug the USB 2.0 connector of the Ezcap capture card into an available USB port on your computer (laptop or desktop).



Figure 3: The Ezcap capture card connected to a laptop, illustrating its use with various analog video sources like VHS players, VCRs, and camcorders.

4. **Software Installation (Windows):** For Windows users, the device typically comes bundled with video capture and editing software (e.g., Honestech VHS to DVD 3.0 SE). Install this software from the provided disc or download it from the official ezcap website as instructed in the included quick start guide. A software key may be required during installation.
5. **Driver-Free Operation (Mac/Linux):** For Mac and Linux systems, the device is driver-free (UVC compliant). It should be recognized automatically by your operating system. You can use compatible third-party software like QuickTime (on Mac) or OBS Studio (on Linux/Mac/Windows) for video capture.

Support Windows mac OS Linux and Android



Figure 4: The Ezcap capture card supports various operating systems including Android, Mac OS, Windows, and Linux.

3. OPERATING INSTRUCTIONS

Once the hardware is connected and software is ready, you can begin capturing video:

1. **Launch Capture Software:** Open the installed video capture software on your computer.
2. **Select Device:** In the software settings, select the Ezcap USB 2.0 Video Capture Card as your video and audio input device.
3. **Preview Video:** Start playing the video on your analog source device. You should see the video preview in the capture software window.



Figure 5: The video capture software interface displayed on a laptop, showing options for capturing, editing, and burning video.

4. **Start Recording:** Click the "Record" button within the software to begin capturing the analog video. The capture process occurs in real-time, meaning a 2-hour tape will take 2 hours to digitize.
5. **Monitor and Stop:** Monitor the recording progress. Once your video content has finished playing, click the "Stop" button in the software.
6. **Save and Edit:** The captured video will be saved to your designated folder (e.g., "VHS to DVD" under your documents folder for Honestech software). You can then use the software's editing features to trim, enhance, or convert the video to various digital formats (e.g., MP4, AVI) or burn it to DVD.

RECORD AND ENJOY WITH EZCAP158



Figure 6: The Ezcap capture card actively converting video from a media player to a laptop, demonstrating the real-time recording process.

Video Tutorial: How to use ezcap158 UVC Video Capture

Your browser does not support the video tag.

This video demonstrates the setup and basic operation of the ezcap158 UVC Video Capture device, showing how to connect it to a source and a computer, and how to initiate video capture. (Duration: 0:30)

4. MAINTENANCE

To ensure the longevity and optimal performance of your Ezcap USB 2.0 Video Capture Card, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using liquid cleaners or solvents, as they may damage the components.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device and its connectors with care. Avoid bending or pulling the cables excessively,

which can damage internal wiring.

- **Connectivity:** Ensure USB ports and analog connectors are free from dust and debris before connecting the device.

5. TROUBLESHOOTING

If you encounter issues while using your Ezcap USB 2.0 Video Capture Card, refer to the following common problems and solutions:

- **No Video Signal:**
 - Ensure all RCA or S-Video cables are securely connected to both the analog source and the capture card.
 - Verify that the analog source device (VCR, camcorder) is powered on and playing video.
 - Check the input selection in your capture software to ensure the correct video input (CVBS or S-Video) is chosen.
- **No Audio:**
 - Confirm that the red and white RCA audio cables are correctly connected.
 - Check the audio input settings in your capture software.
 - Ensure the volume on your computer and the analog source device is not muted or too low.
- **Device Not Recognized by Computer:**
 - Try plugging the USB cable into a different USB port on your computer.
 - Restart your computer.
 - For Windows, ensure the necessary software is installed. For Mac/Linux, verify that your operating system is up-to-date and compatible.
- **Poor Video Quality / Grainy Image:**
 - The quality of the digitized video will reflect the quality of the original analog source. Older VHS tapes may naturally appear grainy.
 - If your source device supports S-Video, use an S-Video connection instead of CVBS (RCA yellow) for potentially better video quality, as S-Video separates luminance and chrominance signals.
 - Ensure proper lighting if capturing from a camcorder.

6. SPECIFICATIONS

Feature	Detail
Brand	ezcap
Model Name	Ezcap158
Item Model Number	ezcap_usb2_video_capture_card
Hardware Interface	USB 2.0
Video Capture Resolution	480p
Input Interface	CVBS (RCA Composite Video), S-Video
Operating Systems Supported	Windows 7, Windows 8, Windows 10, Linux, Mac OS
Item Weight	4.6 ounces
Package Dimensions	6.38 x 5.83 x 1.85 inches
Country of Origin	China



Figure 7: The retail box contents, including the Ezcap USB 2.0 Video Capture Card and the quick start guide.

7. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your product at the time of purchase. General support for Ezcap products can be found on the official Ezcap website. For technical assistance or inquiries, please contact Ezcap customer support through their official channels.