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UCEC 4330186177

UCEC USB 2.0 Video Capture Card: VHS to Digital Converter Manual

Model: 4330186177

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your UCEC USB 2.0 Video Capture Card. This device allows you to convert analog video signals from sources like VHS players, VCRs, and camcorders into digital formats on your computer.

Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

2. Package Contents

Verify that all items listed below are included in your package:

- UCEC USB 2.0 Video Capture Card (with integrated audio and video input cables) - 1 unit
- USB Extension Cable - 1 unit
- Software CD-ROM (containing drivers and Ulead Video Studio SE DVD software) - 1 unit



Image: Contents of the UCEC USB 2.0 Video Capture Card package, showing the capture device, a USB extension cable, and a software CD.

3. System Requirements

To ensure proper functionality, your computer system must meet the following minimum requirements:

- **Operating System:** Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8, Windows 10.
- **Interface:** Available USB 2.0 port.
- **Processor:** Pentium III 800MHz or higher recommended.
- **Memory:** 256MB RAM or higher recommended.
- **Display:** Minimum 1024x768 screen resolution.
- **Storage:** 600MB of available hard disk space for program installation, 4GB+ for video capture and editing.
- **Sound Card:** Compatible Windows sound card.

4. Setup Guide

4.1. Driver and Software Installation

1. **Insert the Software CD:** Place the included CD-ROM into your computer's CD/DVD drive.
2. **Run Setup:** Navigate to the CD-ROM drive in "My Computer" or "This PC" and run the setup file (e.g., "setup.exe" or "autorun.exe"). Follow the on-screen instructions to install the necessary drivers and the Ulead Video Studio SE DVD software.
3. **Product Key:** The product key for the software is located within the installation files (often in a file named "SN") on

the CD-ROM, or it may be printed directly on the mini CD itself. Enter this key when prompted during installation.

4. **Restart Computer:** After installation is complete, restart your computer to ensure all drivers are properly loaded.

4.2. Hardware Connection



Image: The UCEC USB 2.0 Video Capture Card showing its USB connector and the attached RCA (yellow for video, red/white for audio) and S-Video input cables.

1. **Connect to Analog Source:**
    - **RCA Connection:** Connect the yellow RCA cable from the capture card to the video output (yellow) of your analog device (VCR, camcorder). Connect the red and white RCA cables from the capture card to the audio output (red for right, white for left) of your analog device.
    - **S-Video Connection:** If your analog device has an S-Video output, connect the S-Video cable from the capture card to the S-Video output of your device. For S-Video, you will still need to connect the red and white RCA cables for audio.

    Note: *Do not connect both RCA video and S-Video simultaneously. Choose one for video input.*

2. **Connect to Computer:** Plug the USB connector of the UCEC Video Capture Card into an available USB 2.0 port on your computer. You may use the included USB extension cable if needed. The device does not require external power.
3. **Verify Connection:** A green LED indicator on the capture card should illuminate, indicating a successful power connection. Your computer should recognize the new hardware.

5. Operating Instructions

5.1. Using Ulead Video Studio SE DVD (or similar software)

1. **Launch Software:** Open the Ulead Video Studio SE DVD software (or OBS Studio, or other compatible video capture software) on your computer.
2. **Select Capture Device:** In the software, navigate to the capture or input settings. Select the UCEC USB 2.0 Video Capture device as your video and audio input source.
3. **Configure Settings:**
    - **Video Standard:** Set the video standard (e.g., NTSC for North America/Japan, PAL for Europe) to match your source device.
    - **Video Quality:** Adjust brightness, contrast, hue, and saturation as needed for optimal video quality.
    - **Output Format:** Choose your desired output format (e.g., MPEG, AVI, WMV, DVD). The device supports recording to DVD+/-R/RW, DVD/-VR, and DVD-Video formats.
    - **Resolution:** The device supports up to 480p video resolution.
4. **Preview and Record:** Start playback on your analog source device. You should see the video preview in the software. Click the "Record" button in the software to begin capturing the video.
5. **Stop Recording:** Click the "Stop" button in the software when you are finished capturing. Save your recorded video file to your desired location on your computer.



Image: A user converting old video tapes to digital format on a laptop using the UCEC USB 2.0 Video Capture Card.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Care:** Avoid bending or crimping the cables excessively to prevent damage.
- **Software Updates:** Periodically check the manufacturer's website for any updated drivers or software versions.

7. Troubleshooting

No video signal or black screen in software preview:

- Ensure all cables (RCA/S-Video and USB) are securely connected.
- Verify that your analog source device (VCR, camcorder) is powered on and playing video.
- Check the video input selection in your capture software (e.g., Composite/RCA or S-Video).
- Confirm the video standard (NTSC/PAL) in the software matches your source.
- Reinstall the drivers from the CD-ROM or download the latest drivers from the UCEC website.

No audio or distorted audio:

- Ensure the red and white RCA audio cables are correctly connected to the audio output of your analog device.
- Check the audio input selection in your capture software.
- Verify your computer's sound settings and volume levels.
- Ensure the capture software is configured to capture audio from the UCEC device.

Software crashes or does not recognize the device:

- Ensure you have installed the correct drivers for your operating system.
- Try connecting the device to a different USB port on your computer.
- Close other applications that might be using system resources.
- Reinstall the capture software. Consider trying alternative compatible software like OBS Studio if issues persist with the included software.

Poor video quality (blurry, grainy, color issues):

- Adjust the brightness, contrast, hue, and saturation settings within your capture software.
- Ensure the source video quality is good. Old VHS tapes may naturally have lower quality.
- If using RCA, try S-Video if your source device supports it, as S-Video generally provides better picture quality.
- Check the recording bitrate and resolution settings in your software. Higher bitrates generally result in better quality but larger file sizes.

8. Specifications

Brand	UCEC
Model Number	4330186177 (Manufacturer Model: UC_LR403_SML)
Hardware Interface	USB 2.0
Video Input	Composite RCA, S-Video
Audio Input	Stereo RCA (Left & Right)
Video Capture Resolution	Up to 480p
Operating System Compatibility	Windows 2000, XP, Vista, 7, 8, 10
Supported Output Formats	DV, AVI, MPEG, WMV, VCD, DVD (DVD+/-R/RW, DVD/-VR, DVD-Video)
Power Supply	USB Powered (No external power required)
Dimensions (Approx.)	90mm (Length) x 26mm (Width) - main unit
UPC / GTIN	711463110433, 606989443229



Image: Diagram showing the approximate dimensions of the UCEC USB 2.0 Video Capture Card, with a length of 90mm and width of 26mm for the main unit.

9. Warranty and Support

For any questions regarding the UCEC USB 2.0 Video Capture Card, please contact UCEC customer support. Information regarding warranty terms and conditions can typically be found on the manufacturer's official website or within the product packaging.

The product key for the included software is provided on the installation CD-ROM or within its files. Please retain this information for future reference.

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