Swudloe C7-01

Swudloe C7-01 USB 3.0 HDMI Capture Card User Manual

Model: C7-01 | Brand: Swudloe

1. Introduction

The Swudloe C7-01 USB 3.0 HDMI Capture Card is designed for high-quality video capture and live streaming. It supports 4K HDMI pass-through and records video at 1080P 60FPS, making it suitable for various gaming consoles and other HDMI sources. This manual provides essential information for setup, operation, and troubleshooting to ensure optimal performance.

2. Package Contents

Please verify that all items are present in the package:

- Swudloe C7-01 HDMI Capture Card
- USB 3.0 Cable
- HDMI Cable
- User Manual (this document)

3. Product Overview

The Swudloe C7-01 capture card features a compact design with essential ports for connectivity.



Image: Swudloe C7-01 Capture Card highlighting USB 3.0, 3.5mm Mic In, and Audio Out ports.

Ports and Indicators:

- **USB 3.0 Output:** Connects to your computer for data transfer and power.
- **HDMI Input (HD IN):** Connects to your video source (e.g., game console, camera).
- **HDMI Output (HD OUT):** Connects to a monitor or TV for pass-through display.
- **MIC IN (3.5mm):** Connects to an external microphone for commentary.
- **AUDIO OUT (3.5mm):** Connects to headphones or speakers for audio monitoring.

4. Setup Guide

Follow these steps to connect your Swudloe C7-01 HDMI Capture Card.

Connection Diagram:



Image: Diagram showing connections from a source device (e.g., game console) to the capture card's HDMI IN, then HDMI OUT to a monitor, and USB 3.0 to a laptop. Microphone and headphones are connected to the capture card's audio ports.

Step-by-Step Connection:

1. **Connect HDMI Source:** Use an HDMI cable to connect your game console (PS5, Switch, Xbox, etc.), camera, or other HDMI output device to the **HDMI IN** port on the capture card.

2. **Connect Display (Optional):** Use another HDMI cable to connect the **HDMI OUT** port on the capture card to your TV or monitor. This allows for 4K 30Hz pass-through, enabling you to play games on a large screen without noticeable delay while recording.
3. **Connect to Computer:** Connect the USB 3.0 cable from the **USB 3.0 Output** port on the capture card to an available USB 3.0 port on your computer (desktop or laptop). The device is plug-and-play and driver-free.
4. **Connect Audio Devices (Optional):**
    - For microphone input, connect your 3.5mm microphone to the **MIC IN** port.
    - For audio monitoring, connect your 3.5mm headphones or speakers to the **AUDIO OUT** port.

5. Operation Guide

This section details how to use your capture card with streaming and recording software.

Software Compatibility:

The Swudloe C7-01 is compatible with popular streaming and recording software, including OBS Studio, XSplit, Zoom, Potplayer, and QuickTime Player.

OBS Studio Setup Example:

For optimal performance with OBS Studio, follow these general steps:

1. **Add Video Source:** In OBS Studio, click the '+' icon under 'Sources' and select 'Video Capture Device'. Name it and click 'OK'.
2. **Select Device:** In the properties window, select 'C7-01 USB3.0 Video' (or similar) from the 'Device' dropdown.
3. **Configure Video Settings:**

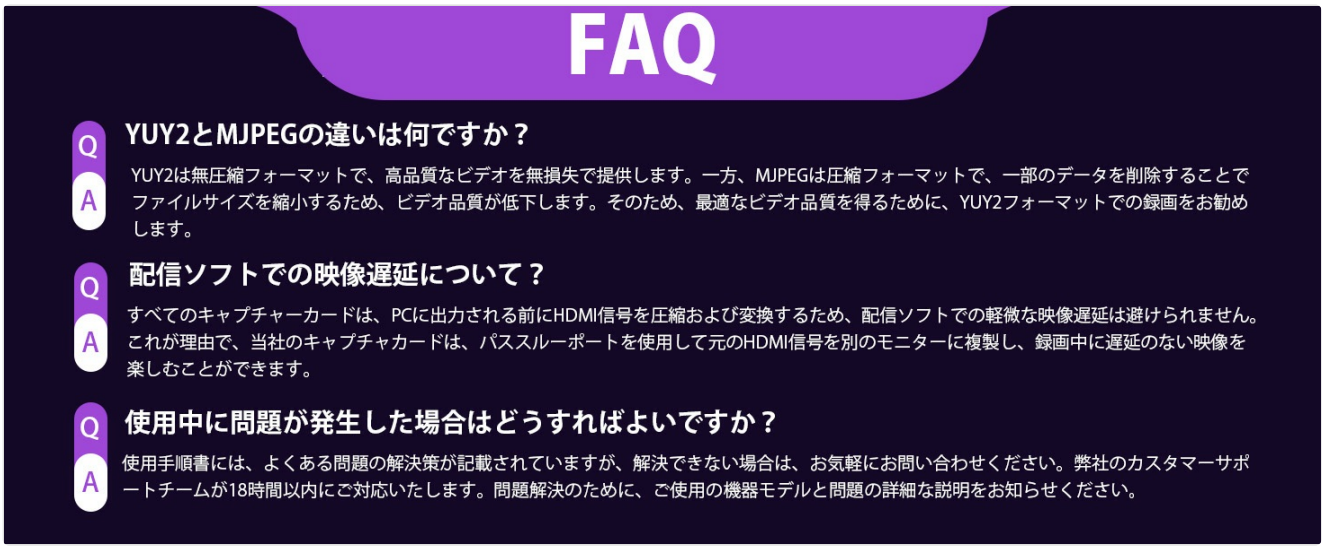


Image: OBS Studio settings for video capture, showing device selection, resolution (1920x1080), FPS (60), and video format (YUY2).

    - Set 'Resolution/FPS Type' to 'Custom'.
    - Set 'Resolution' to '1920x1080'.
    - Set 'FPS' to '60'.
    - Set 'Video Format' to 'YUY2' for uncompressed, high-quality video.
4. **Configure Audio Settings:**



Image: OBS Studio audio settings, showing how to access advanced audio properties and select 'Monitor and Output' for the video capture device audio.

- In the 'Audio Mixer' section, click the gear icon next to your 'Video Capture Device' source and select 'Advanced Audio Properties'.
- For the 'C7-01 USB3.0 Audio' (or similar) source, set 'Audio Monitoring' to 'Monitor and Output' if you wish to hear the audio and have it included in your stream/recording.
- Ensure 'Desktop Audio' is configured correctly if you want to capture other sounds from your computer.

Key Features:

- **4K Pass-through:** Enjoy your games in native 4K 30Hz resolution on your display while capturing at 1080P 60FPS.
- **1080P 60FPS Recording:** Capture smooth, high-definition video for streaming or content creation.
- **3.5mm Audio Input:** Add live commentary or voice chat directly to your recordings and streams.
- **Wide Compatibility:** Works with PS5, PS4, Xbox Series X/S, Switch, Switch 2, Wii U, PC, smartphones, and webcams. Supports Windows 7/8/10/11, Mac OS, Linux, Android, and iPad OS.

6. Maintenance

To ensure the longevity and optimal performance of your Swudloe C7-01 HDMI Capture Card, consider the following maintenance tips:

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to remove dust. Avoid using liquid cleaners.
- **Proper Storage:** Store the capture card in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handle with Care:** Avoid dropping the device or subjecting it to strong impacts.
- **Cable Management:** Ensure cables are not bent sharply or under tension to prevent damage to the ports and cables themselves.

7. Troubleshooting

This section addresses common issues and frequently asked questions.

Frequently Asked Questions (FAQ):

Q: What is the difference between YUY2 and MJPEG video formats?

A: YUY2 is an uncompressed video format that provides high-quality video without any data loss. MJPEG is a compressed format that reduces file size by discarding some data, which can result in lower video quality. For optimal video quality during

recording, YUY2 format is recommended.

Q: Is there video delay when using streaming software?

A: All capture cards process and compress HDMI signals before sending them to a PC, so a slight video delay in streaming software is generally unavoidable. However, this capture card features a pass-through port (HDMI OUT) that mirrors the original HDMI signal to a separate monitor. This allows you to play your game on that monitor with virtually no delay while the capture card sends the signal to your PC for recording or streaming.

Q: What should I do if I encounter problems during use?

A: This instruction manual includes solutions for common issues. If you are unable to resolve a problem, please contact our customer support team. To help us assist you efficiently, please provide your device model and a detailed description of the problem. Our team aims to respond within 18 hours.

8. Specifications

Feature	Detail
Brand	Swudloe
Model Name	C7-01 HDMI Capture Card
Hardware Interface	USB 3.0
Video Input Interface	HDMI 1.4
Audio Input/Output Port	3.5mm Jack
Max Pass-through Resolution	4K 30FPS
Max Capture Resolution	1080P 60FPS
Video Format	YUY2, MJPEG
Compatible Devices	Game Consoles, PC, Smartphones, Webcams
Operating Systems	Windows 7/8/10/11, macOS, Linux, Android 5.0+, iPad OS
Minimum System Requirements	Windows: Intel Core i3 2.4GHz+, 4GB RAM+ Mac: Intel Core i5 2.5GHz+, 8GB RAM+ Linux: Intel Core i3 2.4GHz+, 4GB RAM+ Android: 5.0+
Supported Recording Software	OBS Studio, XSplit, Potplayer, QuickTime Player
Dimensions	3.1" x 3.0" x 0.67" (approx.)
Weight	88.5g (approx.)
UPC	762736644308
Country of Origin	China

9. Warranty and Support

Warranty Information:

This Swudloe C7-01 HDMI Capture Card comes with a**1-Year Warranty** against manufacturer defects from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes.

Customer Support:

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact our customer support team. When contacting support, please provide your product model (C7-01) and a detailed description of the issue to help us provide prompt and effective assistance.
Our customer support team is dedicated to responding to inquiries within 18 hours.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question