

TreasLin HSV3218

TreasLin 4K 60FPS USB3.0 HDMI Game Capture Card User Manual

Model: HSV3218

1. INTRODUCTION

The TreasLin HSV3218 is a high-performance 4K 60FPS USB3.0 HDMI Game Capture Card designed for live streaming and recording. It offers zero-latency HDMI pass-through, allowing you to enjoy high-definition visuals on your display while simultaneously capturing content for platforms like Twitch, YouTube, Facebook, and more. This device is plug-and-play, requiring no driver installation, and is compatible with various operating systems and gaming consoles.

2. PRODUCT FEATURES

- **4K@60Hz Input & Pass-Through:** Supports high-resolution video input and output with zero latency.
- **USB3.0 High-Speed Capture:** Achieves data transfer speeds up to 5G/s for smooth live streaming and recording.
- **YUY2 4:4:4 1080P FPS Support:** Captures uncompressed video for clear, high-quality recordings with minimal system resource usage.
- **Plug and Play:** No driver installation required for Windows, Mac OS, and Linux.
- **Wide Compatibility:** Works with PS5, PS4, Xbox 360, Xbox One, Nintendo Switch, Wii U, DSLR cameras, and more.
- **Enhanced Heat Dissipation:** Features an aluminum casing for efficient cooling during extended use.

3. PACKAGE CONTENTS

- TreasLin HSV3218 Capture Card
- USB 3.0 Cable
- User Manual

4. DEVICE LAYOUT AND CONNECTIONS



Figure 4.1: Device dimensions and port layout. The front panel includes a USB 3.0 port and a 4K HDMI input. The rear panel features an Audio Out port, a 4K HDMI Pass-Through port, and a Microphone input.

Port Descriptions:

- **USB 3.0 (Output):** Connects to your computer for data transfer and power.
- **HDMI IN (Input):** Connects to your video source (e.g., game console, camera). Supports up to 4K@60Hz.
- **HDMI OUT (Pass-Through):** Connects to your display (e.g., TV, monitor) for zero-latency monitoring. Supports up to 4K@60Hz.
- **Audio Out:** 3.5mm jack for connecting headphones or external speakers.
- **MIC In:** 3.5mm jack for connecting an external microphone.

5. SETUP GUIDE

5.1 Connecting the Capture Card

1. Connect your video source (e.g., PS5, PS4, Xbox, Nintendo Switch, DSLR camera) to the **HDMI IN** port on the capture card

using an HDMI cable.

2. Connect your display (e.g., TV, monitor) to the **HDMI OUT (Pass-Through)** port on the capture card using an HDMI cable. This allows you to view your game or video feed with zero latency.
3. Connect the capture card to your computer's USB 3.0 port using the provided USB 3.0 cable. The device is plug-and-play and should be recognized automatically by your operating system (Windows, Mac OS, Linux).
4. *Optional:* Connect headphones or speakers to the **Audio Out** port for audio monitoring.
5. *Optional:* Connect an external microphone to the **MIC In** port if you wish to record commentary or voice-over.



Figure 5.1: Typical setup for live streaming and recording with a gaming console and computer.

 **PS5** Stream and Record Instantly

4K @ 60Hz Input

4K @ 60Hz Pass-through



Figure 5.2: Connecting the capture card for PS5 streaming and recording.

Live-Steaming und Aufnahme

YUY2 machen Capture'screen klarer, sehr geeignet für Live-Dämpfung.



Figure 5.3: Connecting the capture card for live streaming from a DSLR camera.

5.2 Software Setup (e.g., OBS Studio)

While the capture card is plug-and-play, you will need streaming/recording software to capture and broadcast your content. OBS Studio is a popular free and open-source option.

1. Download and install OBS Studio (or your preferred software) on your computer.
2. Launch OBS Studio.
3. In the 'Sources' box, click the '+' icon and select 'Video Capture Device'.
4. Create a new source or select an existing one, then click 'OK'.
5. In the properties window, select 'TreasLin Capture Card' (or similar name) from the 'Device' dropdown menu.
6. Configure resolution, FPS, and audio settings as needed. For optimal quality, ensure the resolution matches your source and select YUY2 as the video format if available.
7. Add an 'Audio Input Capture' source if you are using the MIC In port or want to capture desktop audio.
8. Adjust audio levels in the 'Audio Mixer' section.
9. You are now ready to start streaming or recording.

6. OPERATING INSTRUCTIONS

6.1 Live Streaming and Recording

Once your capture card is set up with your chosen software (e.g., OBS Studio), you can begin your live stream or recording session.

- **Video Quality:** The card supports 4K@60Hz pass-through to your monitor and captures up to 1080P resolution. For the best capture quality, ensure your software settings are configured to match the input resolution and frame rate.
- **YUY2 Format:** The capture card supports the YUY2 video format, which is an uncompressed video format. This results in clearer video quality and consumes fewer system resources during encoding, as it does not require additional decoding.
- **Audio Management:** Ensure your audio input (game audio, microphone) is correctly routed and mixed within your streaming software. Adjust volume levels to prevent clipping or distortion.



Figure 6.1: The TreasLin capture card integrated into a gaming and streaming setup.

7. MAINTENANCE

To ensure the longevity and optimal performance of your TreasLin capture card, follow these simple maintenance guidelines:

- **Ventilation:** The device features an aluminum casing designed for efficient heat dissipation. Ensure it is placed in a well-ventilated area and not covered, allowing air to circulate freely.
- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the capture card in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Avoid bending or crimping the USB and HDMI cables excessively to prevent damage.

8. TROUBLESHOOTING

If you encounter issues with your TreasLin capture card, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No video signal in software (OBS, etc.)	Incorrect source selection; Loose HDMI connection; HDCP enabled on source.	Ensure 'TreasLin Capture Card' is selected as the video source. Check all HDMI cable connections. Disable HDCP on your source device (e.g., PS4/PS5 settings).
No audio or distorted audio	Incorrect audio device selected; Volume levels too low/high; Cable issues.	In your software, ensure the correct audio input device is selected (e.g., 'Digital Audio Interface' or similar for the capture card). Adjust volume levels in the software's audio mixer. Check 3.5mm audio cables if using external mic/headphones.
Device not recognized by computer	Faulty USB port/cable; Insufficient power; Operating system incompatibility.	Try a different USB 3.0 port on your computer. Use the provided USB 3.0 cable. Ensure your operating system (Windows 7/8/10, Mac OS, Linux) is supported. Restart your computer.
Video lag or stuttering	Computer performance issues; Incorrect software settings; USB 2.0 port used.	Ensure your computer meets the minimum system requirements for streaming/recording. Verify that you are connected to a USB 3.0 port. Lower the capture resolution or frame rate in your software settings. Close unnecessary applications.
Capture card feels warm	Normal operation.	It is normal for the device to generate some heat during operation, especially during prolonged use. Ensure adequate ventilation around the device. If it becomes excessively hot or causes performance issues, contact support.

9. SPECIFICATIONS

Feature	Detail
Brand	TreasLin
Model Number	HSV3218
Color	Gray
Interface	USB 3.0
Input Port	HDMI (4K@60Hz max)

Feature	Detail
Output Ports	HDMI Pass-Through (4K@60Hz max), 3.5mm Audio Out
Audio Input	3.5mm Microphone In
Capture Resolution	Up to 1080P
Video Format	YUY2 (uncompressed)
Operating Systems	Windows 7/8/10, Mac OS, Linux
Compatible Devices	PS5, PS4, Xbox 360, Xbox One, Nintendo Switch, Wii U, DSLR Cameras, PCs
Special Features	Zero Latency Pass-Through, Plug and Play (no driver needed)

10. WARRANTY AND SUPPORT

TreasLin is committed to providing high-quality electronic equipment and excellent customer service.

- **Customer Support:** We offer 7*24 hour customer support. If you have any questions or encounter issues with your product, please do not hesitate to contact our friendly support team.
- **Refund Policy:** Enjoy a 90-day refund period.
- **Warranty:** Your product is covered by a 365-day worry-free warranty.

For further assistance, please visit the official TreasLin website or contact your retailer.

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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