AVerMedia BU113G2

AVerMedia CamStream 4K BU113G2 HDMI Capture Card User Manual

Model: BU113G2

Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your AVerMedia CamStream 4K BU113G2 HDMI Capture Card. Designed for professional streaming and video conferencing, this device allows you to capture high-quality 4K60fps video with true-to-life colors from your DSLR, camcorder, or action camera. Its plug-and-play functionality ensures ease of use across various operating systems and streaming platforms.

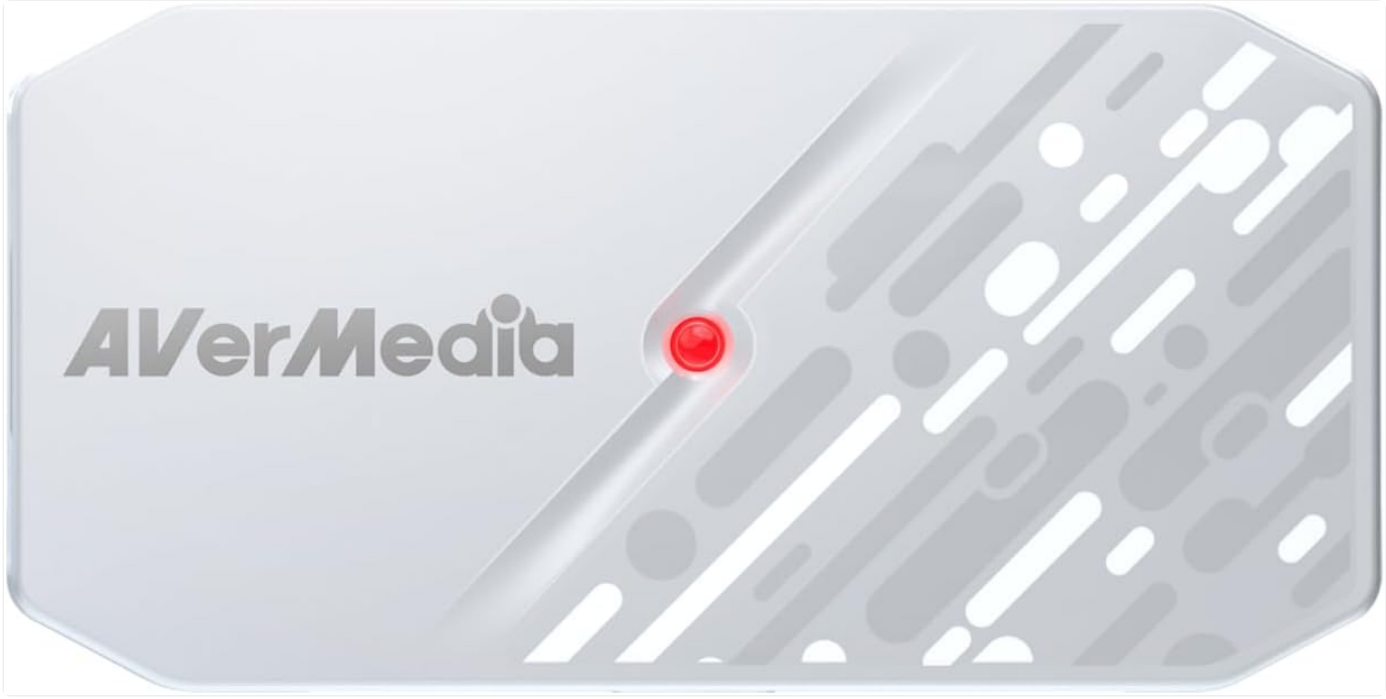


Figure 1: AVerMedia CamStream 4K BU113G2 HDMI Capture Card (White model).

What's in the Box

- CamStream 4K (BU113G2) Capture Card
- USB Type-C to Type-A Cable (1 m/3.28 ft.)
- 1/4” Cold/Hot Shoe Mount (Adapter)
- Quick Start Guide

Setup Guide

1. Connecting Your Device

The AVerMedia CamStream 4K is designed for plug-and-play operation, requiring no driver installation on most compatible systems.

1. **Connect HDMI Source:** Use an HDMI cable (not included) to connect your DSLR, camcorder, action camera, or other HDMI output device to the HDMI input port on the CamStream 4K.
2. **Connect to Computer/Device:** Use the included USB Type-C to Type-A cable to connect the CamStream 4K to a USB 3.2 Type-A port on your PC, laptop, or compatible iPad/Android phone. No external power supply is needed.



Figure 2: Connection diagram showing HDMI input from camera and USB-C output to computer.



Figure 3: Physical setup of the CamStream 4K with a camera and laptop.

2. Mounting on Camera (Optional)

The included 1/4” Cold/Hot Shoe Mount adapter allows you to conveniently attach the CamStream 4K directly to your camera's hot shoe or a compatible rig.



Figure 4: Instructions for attaching the CamStream 4K to a camera's cold/hot shoe.

Operating Instructions



Figure 5: Overview of CamStream 4K's professional features for limitless creation.

1. Capturing Video

Once connected, your CamStream 4K will be recognized as a video input device by your computer or compatible device.

- **Software Compatibility:** The device works seamlessly with popular streaming and video conferencing software such as OBS Studio, Streamlabs, Zoom, Twitch, Microsoft Teams, Xsplit, and more.
- **Select Input:** In your chosen software, select the AVerMedia CamStream 4K as your video input source.
- **Resolution and Frame Rate:** The CamStream 4K supports capturing up to 4K resolution at 60 frames per second (4K60fps) with RGB24 true-to-life colors, and 1080p at 240 frames per second.
- **Audio Synchronization:** The device ensures zero audio lag, providing high-fidelity audio synchronized with your video.



Figure 6: Example of 4K60 video recording setup.



Figure 7: Demonstrating true-to-life color capture with RGB24 fidelity.

2. Common Applications

The CamStream 4K is versatile for various applications:

- **DSLR/Mirrorless Camera as Webcam:** Instantly transform your high-quality camera into a professional webcam for video conferencing or live streaming.
- **Live Streaming:** Ideal for YouTube, Twitch, Facebook Live, and other platforms for gaming, vlogging, educational content, and more.
- **Video Conferencing:** Enhance your virtual meetings on Zoom, Microsoft Teams, and similar platforms with superior video quality.
- **Content Creation:** Record high-resolution footage for podcasts, tutorials, and other video projects.

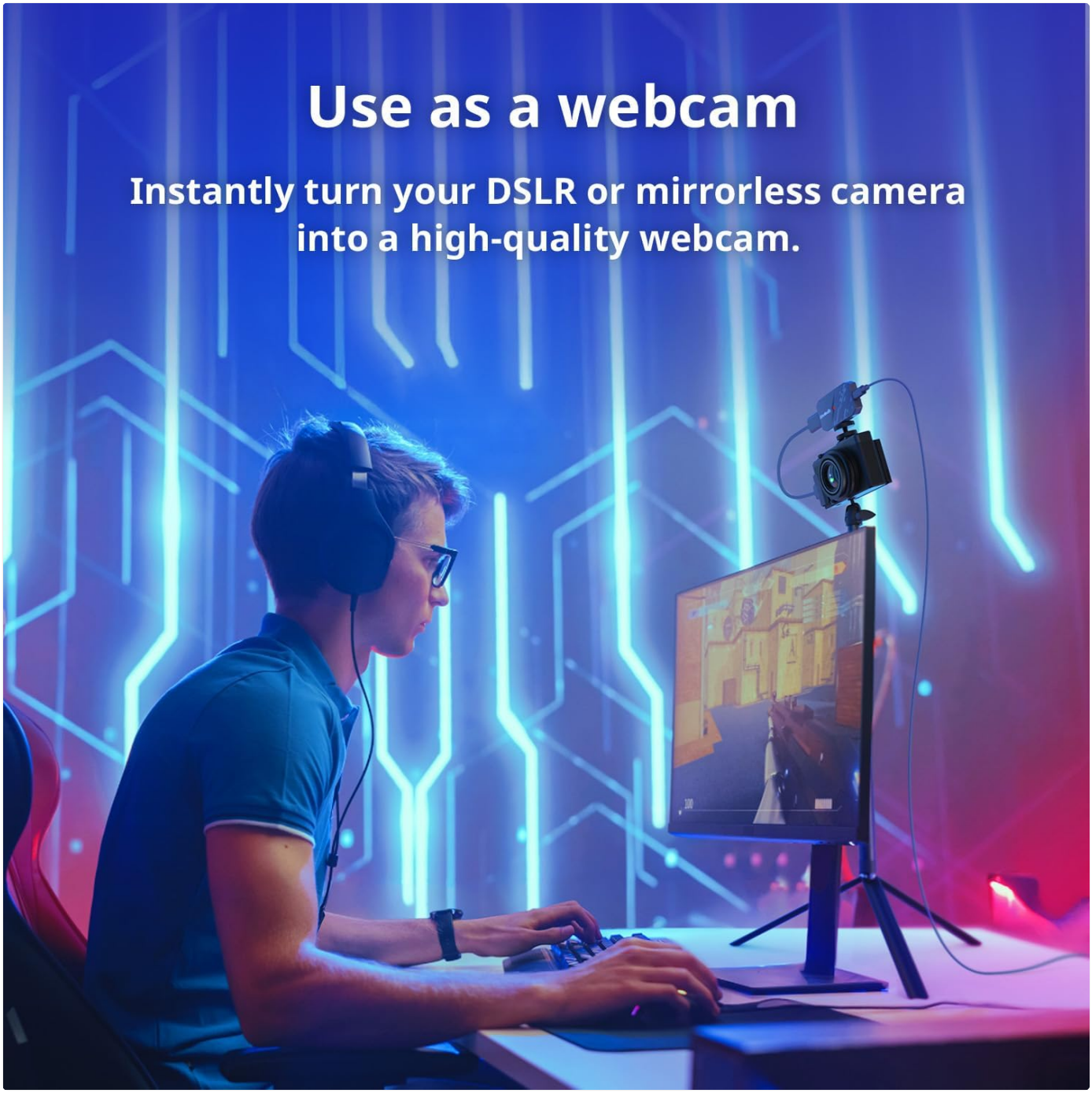


Figure 8: Using the capture card to turn a DSLR into a webcam for gaming or streaming.



Figure 9: CamStream 4K enhancing a video conferencing setup.

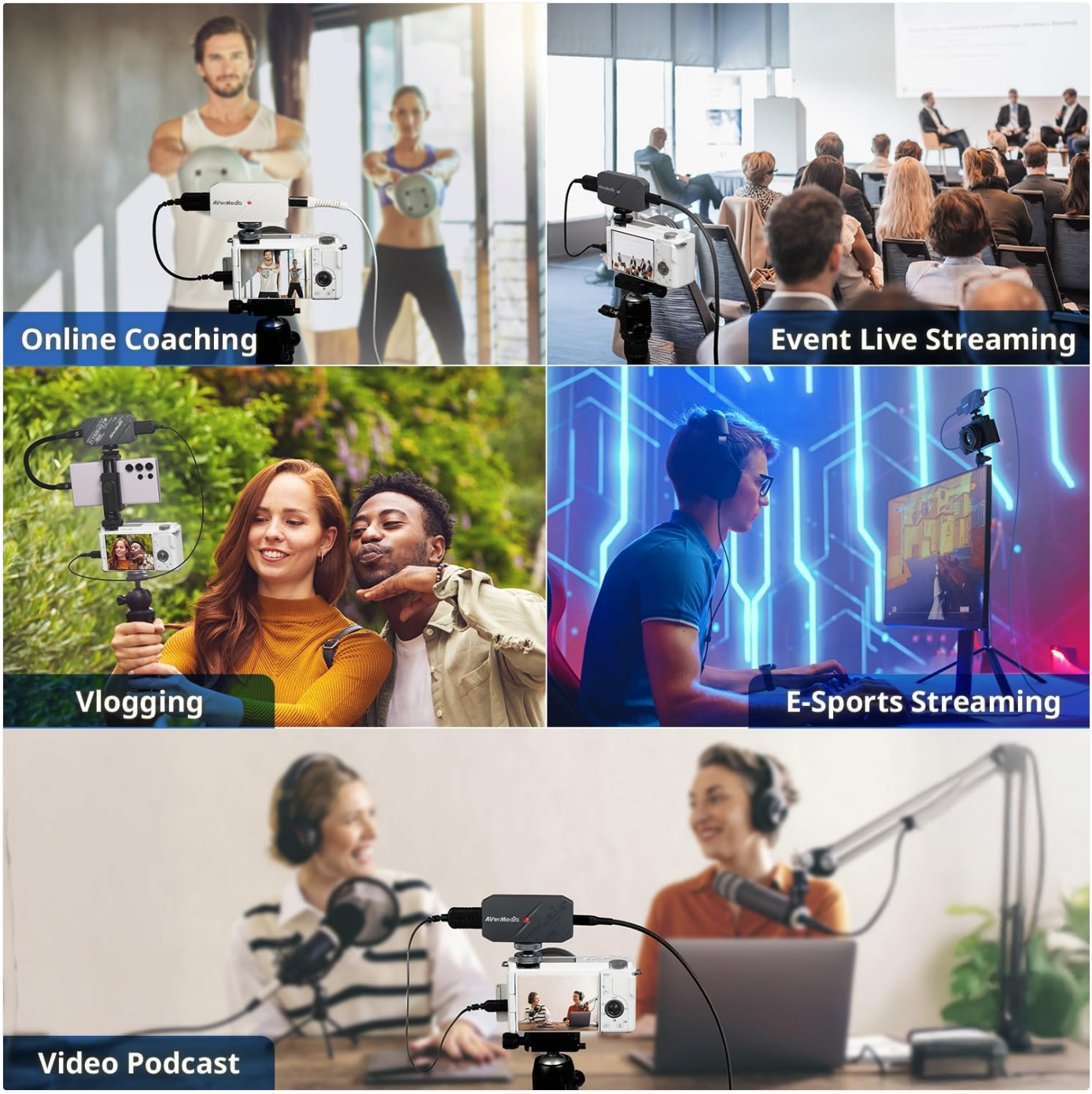


Figure 10: Multiple applications including online coaching, event streaming, vlogging, e-sports, and video podcasts.



Figure 11: Wide compatibility with popular streaming and social media platforms.

Maintenance

The AVerMedia CamStream 4K is a low-maintenance device. To ensure its longevity and optimal performance:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Handle cables and connectors with care to prevent damage.
- Store the device in a safe place when not in use.

Troubleshooting

Problem	Possible Cause	Solution
No video signal detected.	Incorrect cable connection, camera not powered on, incorrect input selection in software.	Ensure HDMI cable is securely connected to both the camera and the capture card. Verify the camera is powered on and outputting video via HDMI. Check that the USB cable is firmly connected to a USB 3.2 port on your computer. In your streaming/recording software, confirm the AVerMedia CamStream 4K is selected as the video source.
Video appears choppy or has high latency.	USB port issues, system resource limitations, software settings.	Ensure the capture card is connected to a USB 3.2 (or higher) port. Older USB 2.0 ports may not provide sufficient bandwidth. Close unnecessary applications to free up system resources. Check your software's video settings (e.g., OBS) to ensure they match the capture card's capabilities and your system's performance.
No audio or audio out of sync.	Audio settings in software, camera audio output.	Verify audio input settings in your streaming/recording software. Ensure your camera is configured to output audio via HDMI.
Device not recognized by computer.	Faulty USB cable, incompatible operating system, USB port issue.	Try a different USB port on your computer. Test with a different USB Type-C to Type-A cable if available. Ensure your operating system meets the minimum requirements (Windows 10 x64 or later, macOS 14/15 or later, iPadOS 17 or later, Android 14 or later). For a list of compatible cameras, visit the official AVerMedia compatibility page: AVerMedia BU113G2 Compatibility.

Specifications

Feature	Detail
Brand	AVerMedia
Model Number	BU113G2
Series	CamStream 4K
Hardware Interface	USB
Video Capture Resolution	4K (up to 4K60fps)
Operating System Compatibility	iPadOS 17 or later, Android 14 or later, Windows 10 x64 or later, macOS 14/15 or later
Item Weight	7.5 ounces
Package Dimensions	6.81 x 4.59 x 1.89 inches

Feature	Detail
Color	CamStream 4K - White
Country of Origin	Taiwan

Support and Warranty

For technical support, product registration, or warranty information, please visit the official AVerMedia website or contact their customer service.
Official AVerMedia Store: https://www.amazon.com/stores/AVerMedia/page/E61F6DDD-B7C8-4777-91A0-32359F0598D6
AVerMedia provides protection plans for their products. Please refer to your purchase documentation for specific warranty terms and conditions.

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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

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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