

GC571

LIVE STREAMER *ULTRA HD*



Reviewer’s Guide

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Introduction

This document is your Reviewer's Guide for the Live Streamer Ultra HD (GC571). We have written this guide to provide you with the information you need to quickly and smoothly use the AVerMedia capture card.

After a quick introduction of the Live Streamer Ultra HD and their target audience, we will dive into its key features, system requirements, and technical specs and show you how to set up and install the device. Lastly, this guide will finish with a link to our technical support team and with some brief information on AVerMedia's background.

Thank you for taking the time to use and try out our latest capture device, we hope you enjoy using it as much as we enjoyed making it. If you have any questions or suggestions on our products or need any further editorial assistance, please don't hesitate to contact us.

Live Streamer Ultra HD (GC571)

High-Performance Capturing Made Easy

The Live Streamer ULTRA HD (GC571) is designed to streamline content creation for high-quality streaming and capturing. Our user-friendly streaming gear prioritizes quality, affordability, and simplicity.

Our vision for our target customers is straightforward: easy setup leading to professional results. We want to create an image of a simple setup and professional-grade outcomes.

The GC571 simplifies content creation with a focus on high-capturing quality. It empowers newcomers to enter 4K30 uncompressed video capturing and 4K60 pass-through and ensures a smooth experience with a driver-free setup.

Just insert it into a PCIe slot, and it's ready for action—a welcoming entry point for beginners to start their live-streaming journey.

Key Features

- **4K30 Capture**

Your glory moments deserve nothing but the best! Capture stunning visuals at up to **4K 60FPS** with incomparable clearness and smoothness to show your exceptional skills and captivate your audience.

- **4K60 Pass-Through**

Deliver uncompressed video with **2160p60 HDR/VRR, 1440p144 HDR/VRR, and 1080p240 HDR/VRR**, seamlessly experiencing full visual specs with unparalleled clarity and fluidity.

- **Ultra-Wide Resolutions**

Supports ultra-wide resolutions of **3440x1440p at 100 Hz**.

- **High Frame Rate Capture**

Capturing at a higher frame rate ensures a greater level of detail for the amount of motion recorded. The Live Streamer ULTRA HD excels in high frame rates, reaching up to **1080p120** signals, guaranteeing remarkably smooth captures for your archives.

- **Ultra-Low Latency**

By directly interfacing through the PCIe slot to minimize the delay between input and display, the GC571 ensures that every command is translated to the screen with lightning speed. The ultra-low latency keeps you in **perfect sync** and ensures minimal lag. Capitalize on high refresh rates for streamers to win more in games, offering **ultra-smooth** and **less ghosting visuals** to give streamers a competitive edge.

- **Variable Refresh Rate**

Supports VRR (Variable Refresh Rate) for both video capture and pass-through, delivering smooth, judder-free visuals without frame tearing. Never miss a crucial moment with this advanced feature.

- **Stability and Tidiness**

Effortlessly integrates into your desktop's PCIe slot, establishing a direct and efficient connection. This not only eliminates the need for extra cables and clutter but also ensures superior data transfer rates.

- **Driver-free and High Compatibility**

No driver is needed. Just insert it into a PCIe slot, and it's ready for action.

- **Green Design**

Saving Energy, Saving Our Future. The Live Streamer ULTRA HD adopts a green design, minimizing energy consumption during production by using less water, energy, and other natural resources. This helps cut down on emissions and waste, adhering to our promise of energy saving and carbon reduction.

System Requirements

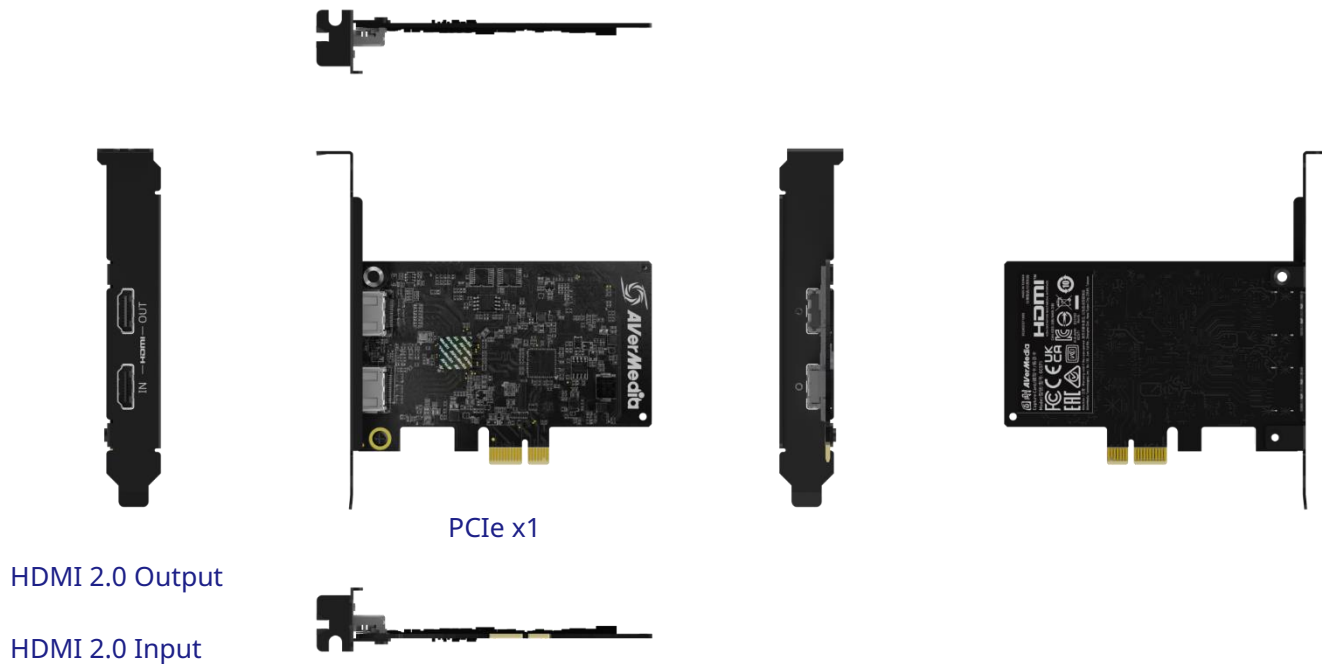
- Windows® 10 x64 / 11 x64 or later
- Desktop:
 - Intel® Core™ i5-6XXX / AMD Ryzen™ 3 XXX or above
 - NVIDIA® GTX 1060 / AMD RX 5700 or above
- 8 GB RAM recommended

Technical Specifications

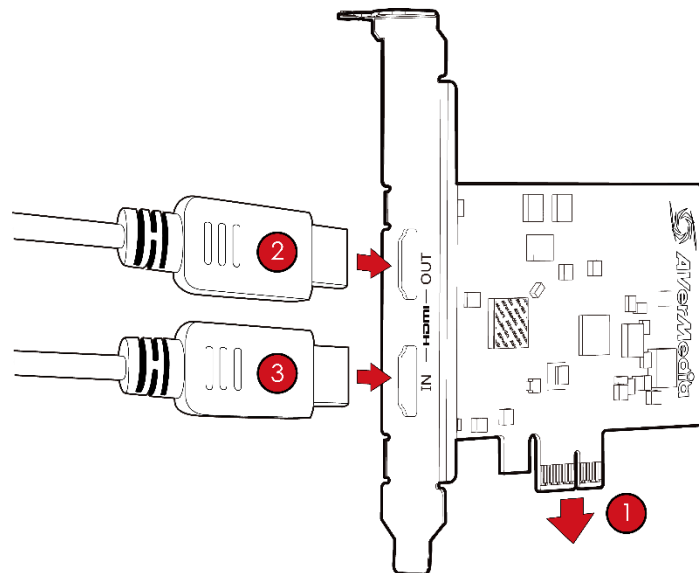
Interface	PCIe Gen 3x1
Input & Output (Pass-through)	HDMI 2.0
Max Pass-Through Resolution	2160p60 HDR/VRR, 1440p60 HDR/VRR, 1080p240 HDR/VRR
Max Capture Resolution	2160p30
Video Format	YUY2, NV12, RGB24, P010 (HDR)
Dimensions (W x D x H)	121 x 113.5 x 21.5 mm (4.76 x 4.47 x 0.85 in.)
Weight	62 g (2.19 oz.)
Supported Software	AVerMedia Assist Central AVerMedia Gaming Utility AVerMedia RECentral Firmware Update Tool
What's in the Box	Live Streamer ULTRA HD (GC571) Quick Start Guide

Specifications are subject to change without prior notice. Please visit AVerMedia official website for the latest information.

Product Overview



Installation



1. Shut down your PC and unplug its power cord. Insert LSUHD into a PCIe Gen 3 x1 slot and secure it.
2. Connect your monitor to the HDMI-OUT port for pass-through of captured content.
3. Connect your video source (console/graphics card/another PC) to the HDMI-IN port.

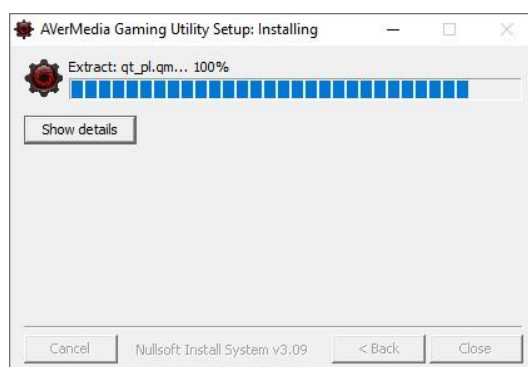
Note: Do NOT unplug the PCIe card while the computer is running; it may cause your system to crash.

Gaming Utility

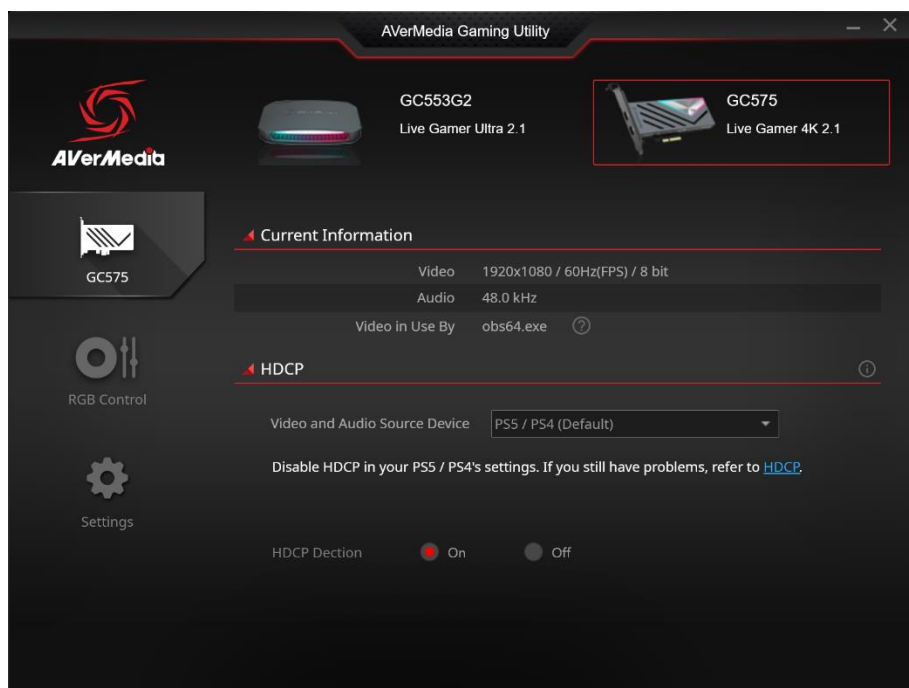
AVerMedia Gaming Utility is a handy tool that helps users obtain their capture card's information, adjust its audio settings, customize the RGB lighting, and more.

Installation

Visit your capture card's webpage and download Gaming Utility. Install it by following the step-by-step instructions.



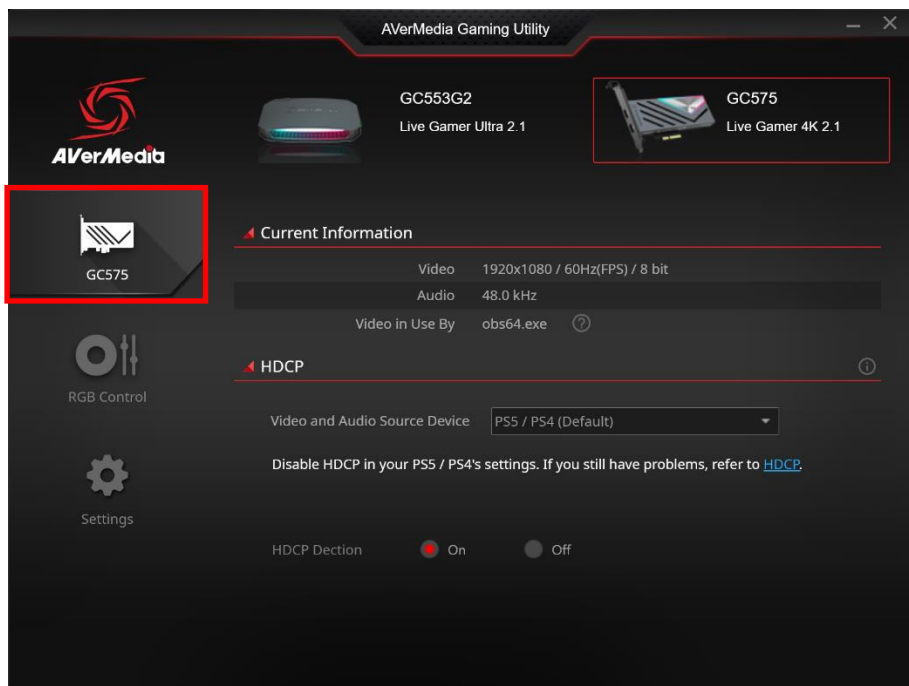
Once installed, you'll be greeted with an interface shown below.



Note: Gaming Utility currently supports capture cards GC575, GC573, GC571, GC570D, GC555, GC553G2, and GC553. The support list may be updated without prior notice.

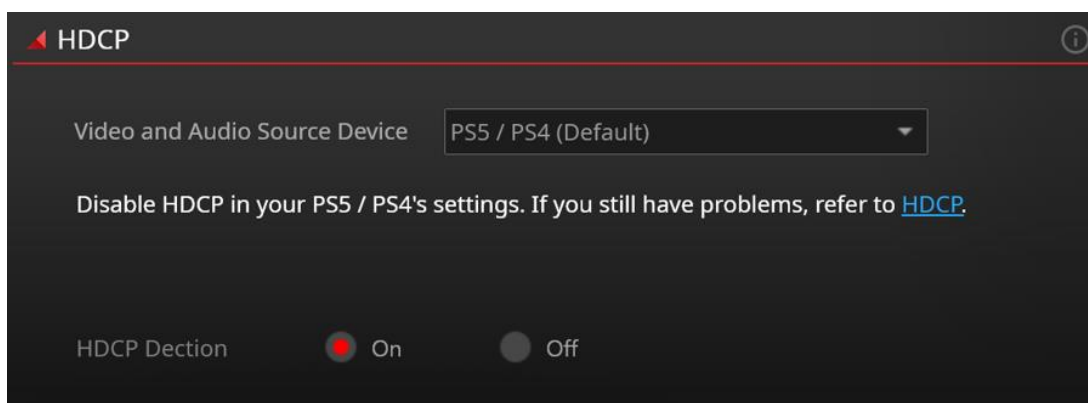
Device Information

Located near the upper left of the UI, this function provides information about your capture card, including audio and HDCP settings as you scroll down.



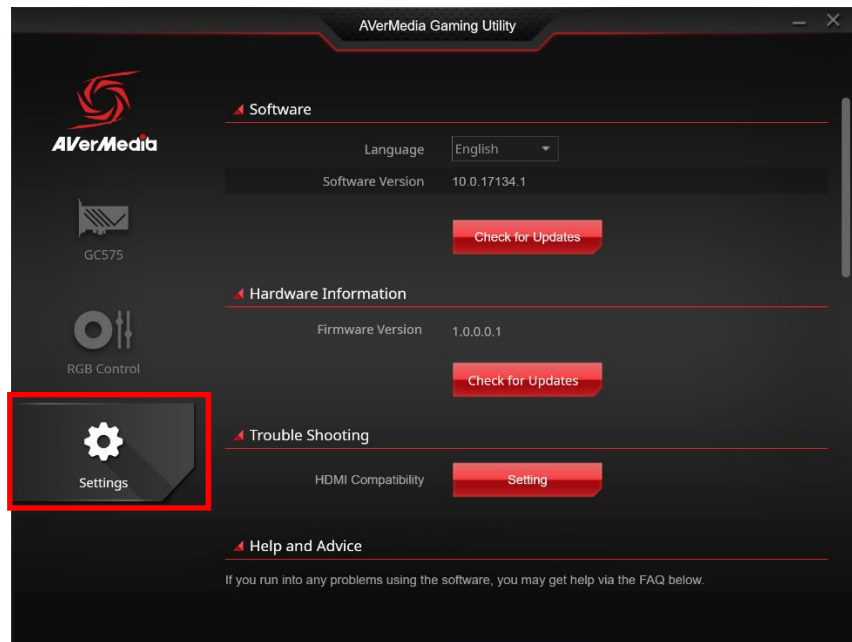
HDCP*

Select the proper video and audio source and follow the recommended setting for your source type.



* HDCP detection is a security verification process that occurs while connecting two digital devices (e.g. a player and a monitor) to ensure that transmitted content is protected from unauthorized copying.

Settings



The **Settings** include essential functions such as software and hardware updates, troubleshooting, and more.

Help and Advice

This setting has a feedback function that can record the system log when the problem happens.

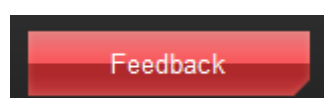
First, you need to enable **Recording Bug Report**.

Record my reproduction of the mistake.



Detection recording has begun... After recording the error, please go to Feedback below to fill in related information and send it in.

Reproduce the problem for the software to record it. After the problem reoccurs, click Feedback.



Fill in the form, and submit the bug report.

Feedback

Problem Type

Report errors

Product Name

GC553G2

Description

What did you encounter, and what actions did you take at the time?

☒ Send system information (does not contain any of your personal data)

☒ Send a bug report(does not contain any of your personal data).

Name

John

Email

John.D@avermedia.com

Send

Cancel

Contact Us

Please contact us [here](#) should you have any questions or suggestions.

About AVerMedia

AVerMedia Technologies specializes in digital video and audio technology. We provide cutting-edge, high-quality audio and video peripherals, professional capturing and streaming solutions, Edge AI technology, video collaboration solutions, and more. Our mission is to provide an enriched user experience and effective communication in education, content creation, and video communication via innovative and eco-friendly solutions.

AVerMedia is guided by a philosophy of contributing to society- whether through products that change customers' lives for the better or by ensuring our operations are socially responsible.

Connect with AVerMedia:

Website: <https://www.avermedia.com/>

LinkedIn: <https://www.linkedin.com/company/avermedia-technologies>