Elgato 1GC109901002

Elgato HD60 Pro 1080p60 PCIe Capture Card Instruction Manual

1. INTRODUCTION

The Elgato HD60 Pro is an internal PCIe capture card designed for high-quality gameplay capture and streaming. This device allows users to record and stream console gameplay in 1080p resolution at 60 frames per second (1080p60) with ultra-low-latency passthrough. It integrates directly into your PC, providing a dedicated hardware encoder for efficient performance.

2. KEY FEATURES

- **1080p60 Capture:** Share your gameplay in superb viewing quality.
- **True Passthrough:** Play your console games with zero lag.
- **Instant Gameview:** Power your workflow with ultra-low-latency technology.
- **Unlimited Capture:** Record hours of footage directly to your hard drive.
- **Flashback Recording:** Slide back in time to save epic moments retroactively.

Image: The Elgato HD60 Pro highlights its 1080p60 capture capability, enabling high-quality recording and streaming.

3. SETUP GUIDE

3.1. Physical Installation

1. **Prepare your PC:** Power down your computer and unplug all cables. Open your PC case.
2. **Locate a PCIe slot:** Find an available PCIe x1 slot on your motherboard.
3. **Insert the HD60 Pro:** Carefully align the HD60 Pro card with the PCIe slot and firmly press it down until it is securely seated.
4. **Secure the card:** Use a screw to fasten the HD60 Pro bracket to your PC case.
5. **Close PC case:** Reattach your PC case cover and reconnect all cables.

Image: The Elgato HD60 Pro PCIe Capture Card, ready for installation into a computer's motherboard.

Image: A hand carefully inserting the Elgato HD60 Pro into an available PCIe slot on a motherboard.

3.2. Software Installation

1. **Download Software:** Visit the official Elgato website (elgato.com/download) to download the latest Elgato Game Capture HD software and drivers for your operating system (Windows or macOS).

2. **Install Software:** Follow the on-screen instructions to install the software.

3. **Alternative Software:** The HD60 Pro is compatible with popular streaming software such as OBS Studio, Streamlabs OBS, and XSplit.

3.3. Connecting Devices

1. **HDMI In:** Connect an HDMI cable from your gaming console's HDMI output (e.g., PS5, PS4, Xbox Series X/S, Xbox One) to the **HDMI IN** port on the Elgato HD60 Pro.

2. **HDMI Out:** Connect another HDMI cable from the **HDMI OUT** port on the Elgato HD60 Pro to your TV or gaming monitor's HDMI input. This provides zero-lag passthrough for your gameplay.

Image: Close-up view of the Elgato HD60 Pro's HDMI IN and HDMI OUT ports for connecting gaming consoles and displays.
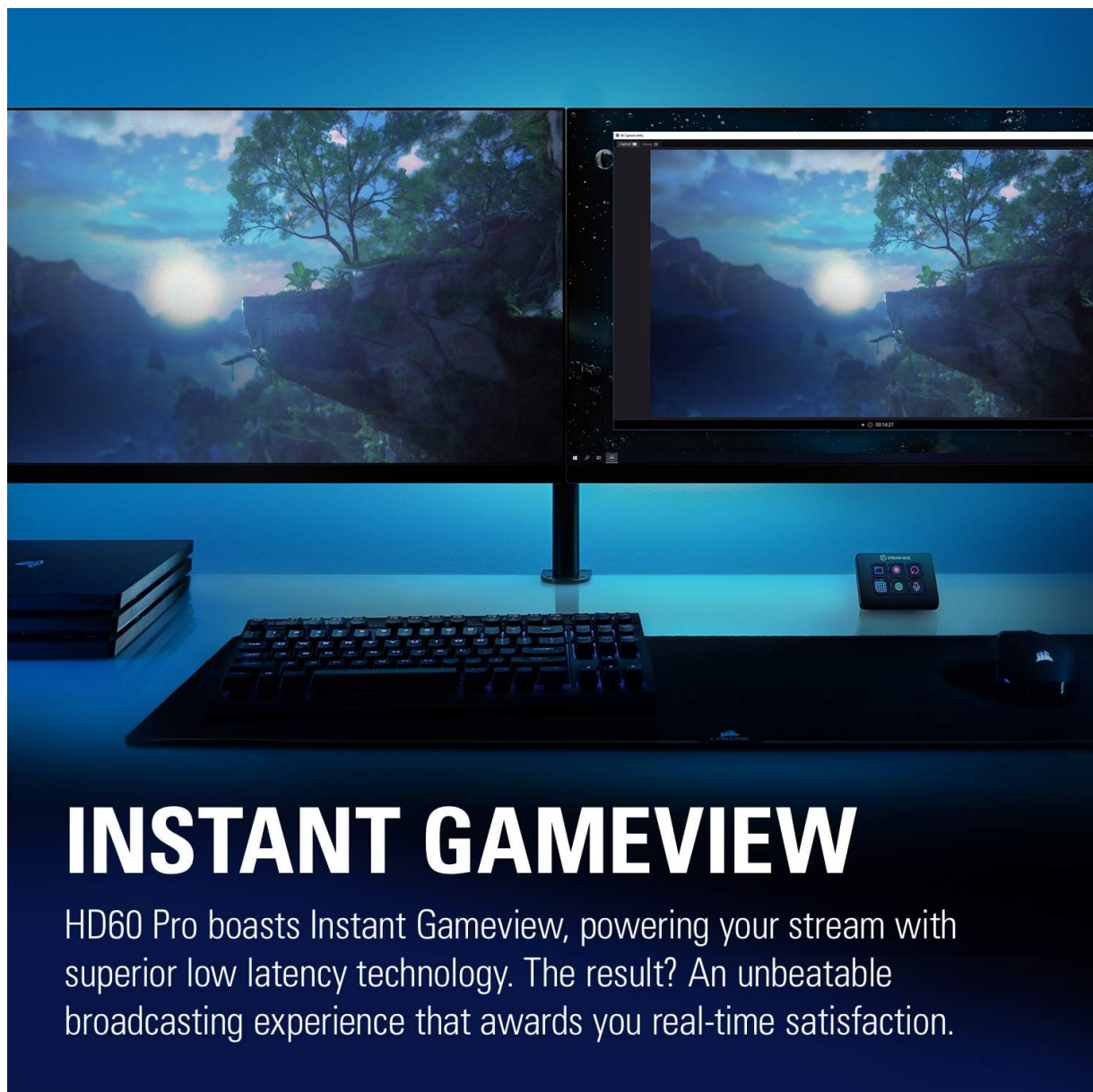
4. OPERATING THE HD60 PRO

4.1. Recording Gameplay

1. **Launch Software:** Open the Elgato Game Capture HD software or your preferred streaming application (OBS Studio, etc.).

2. **Select Device:** In the software, select the Elgato HD60 Pro as your video capture device.

3. **Configure Settings:** Set your desired resolution (e.g., 1080p) and frame rate (60 fps).

4. **Start Recording:** Click the record button within the software to begin capturing your gameplay.

4.2. Instant Gameview and Passthrough

The HD60 Pro features Instant Gameview, providing ultra-low-latency passthrough directly to your TV or monitor. This allows you to play your games without any noticeable delay, ensuring a seamless gaming experience while simultaneously capturing footage on your PC.

Image: The Instant Gameview feature of the Elgato HD60 Pro ensures ultra-low latency for real-time broadcasting and gaming.

4.3. Flashback Recording

Never miss an epic moment. With Flashback Recording, you can retroactively save gameplay even if you didn't hit the record button. The software continuously buffers your gameplay, allowing you to scroll back in time and capture past events.

4.4. Live Commentary

Add your voice to your streams and recordings. The software allows you to integrate live commentary as a separate audio track, providing flexibility for post-production and enhancing viewer engagement.

Video: Elgato Gaming Curated Scenes - This video showcases various features and use cases for Elgato gaming products, including recording and streaming.

Video: Elgato Gaming Instant Gameview for HD60 S and HD60 Pro - Demonstrates the low-latency Instant Gameview feature, crucial for a smooth gaming and streaming experience.

Video: Elgato Game Capture HD60 Pro - Stream and record in 1080p60, superior low latency technology, H.264 - An official product video highlighting the core capabilities of the HD60 Pro.

5. MAINTENANCE

The Elgato HD60 Pro is designed for durability and requires minimal maintenance. Ensure your PC case has adequate airflow to prevent overheating. Periodically clean your PC's interior to prevent dust buildup on the capture card and other components.

6. TROUBLESHOOTING

- **No Signal/Black Screen:**
  - Verify all HDMI cables are securely connected to the correct IN/OUT ports.
  - Ensure your gaming console's HDCP (High-bandwidth Digital Content Protection) is disabled. Refer to your console's settings for instructions.
  - Check your software settings to ensure the HD60 Pro is selected as the input device and the resolution/frame rate are correctly configured.

- **Audio Issues:**
  - Confirm audio input/output settings within your capture software.
  - Ensure any external audio devices (headsets, microphones) are properly connected and selected.

- **Performance/Lag:**
  - Ensure your PC meets the minimum system requirements for the HD60 Pro and your chosen capture software.
  - Update your graphics card drivers and Elgato software to the latest versions.
  - Close unnecessary background applications to free up system resources.

7. SPECIFICATIONS

Brand	Elgato
Series	Elgato Game Capture HD60 Pro
Model Number	1GC109901002
Hardware Platform	PlayStation 4, Xbox Series X/S, Xbox One, PS5
Operating System	Windows, macOS
Item Weight	0.634 ounces
Product Dimensions	4.8 x 0.55 x 2.2 inches
Hardware Interface	PCI Express x1
Video Capture Resolution	1080p

8. WHAT'S IN THE BOX

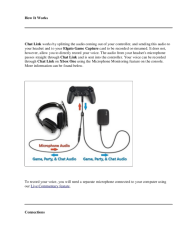- Elgato HD60 Pro Capture Card
- Installation Guide

Image: The retail box for the Elgato HD60 Pro, illustrating the included capture card and HDMI cable.

9. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Elgato website. You can find drivers, software updates, and troubleshooting resources at elgato.com/download.

Related Documents - 1GC109901002

Elgato HD60 PRO Game Capture - Download Utility & Setup Guide
Download the Elgato 4K Capture Utility for your HD60 PRO game capture device. Get started with setup instructions and system connection diagrams.

Elgato Game Capture HD60 S+ Quick Start Guide
Download the Elgato 4K Capture Utility and follow the connection steps to set up your Elgato Game Capture HD60 S+ for gaming and streaming.

Elgato Chat Link Setup and Usage Guide
A comprehensive guide to setting up and using the Elgato Chat Link for capturing controller audio and voice for streaming and recording. Covers setup for various Elgato capture cards and software like OBS Studio and Streamlabs OBS, along with troubleshooting tips.

Elgato Game Capture HD60 X Quick Start Guide
Quick start guide for the Elgato Game Capture HD60 X, detailing setup and software download.

Elgato 4K60 S+ Quick Start Guide: Setup and Recording
Concise guide to setting up and using the Elgato 4K60 S+ for PC and SD card recording. Learn about connections, LED status, and essential requirements for game capture.

Elgato Game Capture 4K S: Setup and Software Download Guide
Learn how to set up your Elgato Game Capture 4K S and download the necessary software for the best recording experience. This guide provides step-by-step instructions and links to the official download page.