



# USB 3.0 HDMI Capture Adapter User Reference Guide

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## Introduction

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The *USB 3.0 HDMI Capture Adapter* records HD video and stereo audio through USB 3.0 interface for low latency. Great for gaming, meetings or live streaming on YouTube, Twitch and more.

## Key Features and Benefits

- Delivers stunning picture quality by supporting video resolutions up to 1080p at 60fps
- Supports USB video class (UVC), USB audio class (UAC) protocol and firmware upgrade
- Plug and play - no driver installation and no external power source required
- Compatible with Windows, Mac and Linux OS. Works with most 3rd party software such as OBS Studio and VLC
- Multiple devices on one host is supported. Converts input audio formats up to 48 KHz PCM

# Specifications

Interface	USB 3.0
Video/Audio input	HDMI
Output formats (Resolutions)	720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p)
Software compatibility (not complete list)	OBS Studio (Windows, OS X); Windows Media Encoder (Windows); Adobe Flash Media Live - Encoder (Windows, OS X); Real Producer Plus (Windows); VLC (Windows, OS X, Linux); QuickTime Broadcaster (OS X); QuickTime Player (OS X); Wirecast (Windows,OS X); vMix(Windows); Potplayer (Windows)
Development interface compatibility	DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux), OS X (QuickTime)
Housing material	Aluminum
Dimensions	3.75" (W) x 1.93" (H) x 0.7" (D)
Weight	0.22lbs

## Package Contents

- *USB 3.0 HDMI Capture Adapter*
- USB 3.0 A to A cable x1
- User Reference Guide

## **System Requirements**

- Windows® 10 (32-/64-bit) / 8.x (32-/64-bit) / 7 (32-/64-bit)
- MAC OS X® 10.9 and later
- Linux kernel 2.6.38 and later

## **CPU Requirements**

- PC Intel Core i5-3400 and later
- NB Intel Core i7-3537U 2.0GHz and later
- MAC i5 quad-core and later

## **Display Card Requirements**

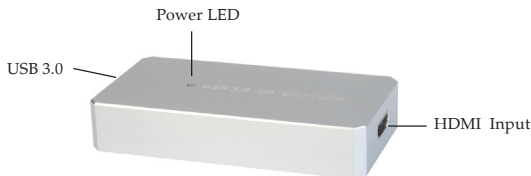
- PC NVIDIA GT630 / AMD R9 200 series and later (support DirectX 10 and later)
- NBNVIDIA GT735 and later (support DirectX 10 and later)

## **RAM Requirements**

- 4 GB RAM and later

**NOTE:**1.It is not absolutely necessary to have a computer that meets these requirements for System, CPU, Display Card and RAM (Recommended)  
2.The quality of the recording video depends on your computer's performance and software setting.

# Layout



**Figure 1: USB 3.0 HDMI Capture Adapter**

- **USB 3.0:** Connects to an available USB port using the included cable
- **Power LED:** Lights up when connected to the computer
- **HDMI Input:** Connects to the HDMI source with an HDMI cable (not included)

# The setting of the sound

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After hardware installation, please follow below steps to set the audio format before recording. **Important:** In order to have better audio quality, this setting is required.

1. Right click the **speaker icon** and choose **Recording devices**.

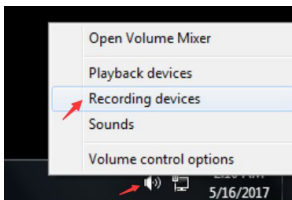


Figure 2

2. Double click **FHD Capture** and go to **Advanced** section. Then, choose the sample rate for **2 channel, 16 bit, 48000 Hz (DVD Quality)**.

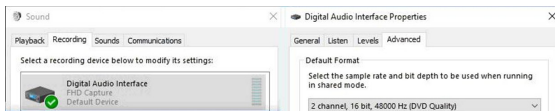


Figure 3

## To Verify Installation

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1. Right click **This PC** or **Computer** on the desktop, click **Manage**, then click **Device Manager**.
2. Double click **Imaging devices / Sound, video and game controllers**, and **FHD Capture** should be displayed.

## Application

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*USB 3.0 HDMI Capture Adapter* provides an easy way to record or stream your gameplay with 1080p resolution.



Figure 4

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 1-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for one (1) years from the date of purchase of the product. This warranty is not transferable and is available only to the original purchaser of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included
- Include a copy of your original sales receipt inside the package with date of purchase and place of purchase circled and clearly visible
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**

**6078 Stewart Avenue**

**Fremont, CA 94538-3152, USA**

**RMA #:** \_\_\_\_\_

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer

# About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop / Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

## **PRODUCT NAME**

USB 3.0 HDMI Capture Adapter

**FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE**

## **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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