



Manual



04-1447A



# CE-H3CT01-S1

## 4K60Hz HDMI Video Capture Device with Loopout

User Manual



Thank you for choosing **SIIG** for your connectivity needs in IT and AV products. Our products are engineered for optimal performance and reliability. To ensure the best experience and safety, please read the instructions thoroughly and keep this user guide for future reference. For more details about our product range, visit **[www.siig.com](http://www.siig.com)**

If you require technical support, email us at **[support@siig.com](mailto:support@siig.com)**  
For drivers or manuals, please visit **[www.siig.com/download](http://www.siig.com/download)**



ESD CAUTION

## Important Safety Guidelines

This device has been rigorously tested and certified to meet international safety standards. However, as with all electronic equipment, it should be handled with care. To ensure your safety and to minimize the risk of damage, please follow these safety guidelines:

- Follow all provided instructions and warnings
- Ensure proper ventilation and avoid using near water
- Do not put any items into the device or attempt to modify its operation
- Do not use liquid or aerosol cleaners; avoid exposure to moisture ; Unplug the device before cleaning
- If there is any strange sound, smoke or odor, pull of the cable immediately
- Use the included power adapters or cable only. Make sure the specification matches if using 3rd-party power adapters
- Shut off power and make sure environment is safe before installation

## Introduction

Easily capture and recording 4K60Hz resolution from any HDMI source such as Gaming PC, Gaming console, Media players or Set-top box while simultaneously viewing in the HDMI loopout for 4K60Hz resolution

## Key Features

- Supports HDMI Input & Output, capture and record in 4K60Hz while simultaneously on 4K60Hz 4:4:4 display
- Great for on-line meetings, training, gamers and live broadcasts. Save money by having to buy a splitter for your setup
- Compatible with most 3rd party software such as OBS Studio and AMCap. Compatible with Windows 7 / 8.1 / 10 / 11
- Mixed audio support from Line-in / MIC-in / Audio-out & HDMI audio

## Package Contents

- 1 x 4K60Hz HDMI Video Capture Device with Loopout
- 1 x USB-A to USB-C cable
- 1 x User Manual

## Setup Requirements

- Desktop PC with one available USB 3.2 Gen 1 Type-A port
- Windows 7 / 8.1 / 10 / 11 (32/64-bit)
- Mac and Linux OS

## Layout

### Connector side

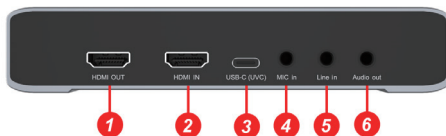


Figure 1: Connector side layout

No.	Connections	Descriptions
1	HDMI Out	HDMI Loop out
2	HDMI In	Source video input
3	USB-C (UVC)	Connect with PC or Laptop
4	MIC In	3.5mm Audio input from MIC
5	Line In	3.5mm Analog line input
6	Audio Out	3.5mm Audio output

## Front side



Figure 2: Front side layout

No.	Connections	Descriptions
7	STATUS LED	Power LED indicator



## Specifications

USB Version	USB 3.2 Gen 1 5Gbps
HDMI Bandwidth	Single-link: 600MHz (18Gbps)
USB Bandwidth	<ul style="list-style-type: none"><li>• USB 3.0: Up to 3 Gbps</li><li>• USB 2.0: Up to 331 Mbps</li></ul>
Connector	<ul style="list-style-type: none"><li>• 1x 19-pin HDMI Female, Video input</li><li>• 1x 19-pin HDMI Female, Video loop-out</li><li>• 1x 24-pin USB Type-C Female, UVC output</li><li>• 1x 3.5mm Audio, Line input</li><li>• 1x 3.5mm MIC, Input</li><li>• 1x 3.5mm Audio, Output</li></ul>
Bandwidth	Input video up to 4K60Hz
Recording	Supports capture up to 4K60Hz, 4K30Hz, 2K144Hz, 1080p 240Hz
Recording video format	MJPEG / YUY2
Software compatibility	OBS Studio (Windows, Linux), AMCap (Windows), Potplayer (Windows), VLC (OS X, Linux) No driver required on Windows, macOS, or Linux (UVC/UAC compliant)

Power supply	USB-C bus power
Dimensions	5.71" (W) x 1.1" (H) x 2.46"(D)
Weight	0.57 lbs
Operating Temperature	32 to 104 degrees F
Storage Temperature	-4 to 140 degrees F
Humidity	20% to 90% RH (non-condensing)
Certifications	FCC / CE / RoHS
Warranty	2 years limited
Country of origin	China



## Hardware Installation

*Note: Ensure the software installation is completed before starting the hardware installation.*

### Hardware Installation

- Connect an HDMI cable (not included) from the HDMI output of your video source device to the HDMI In port on the capture device.
- Connect the included USB cable from the USB-C port on the capture device to a USB-A port on your computer.
- Once connected, the computer will automatically detect the capture device and install the required drivers.

### Optional Connections

#### HDMI Video Preview

To preview the video signal during capture, connect an HDMI cable (not included) from the HDMI Out port on the capture device to an HDMI display.

#### External Audio Input

To capture audio from an external device, connect a 3.5 mm audio cable (not included) from the audio output of your audio source device to the Audio In port on the capture device.

#### Analog Line / Microphone Input

To capture analog line-level or microphone audio, connect a 3.5 mm audio cable (not included) from the Line Out or MIC Out port of the audio source device to the Line In or MIC In port on the capture device.

## Application Diagram

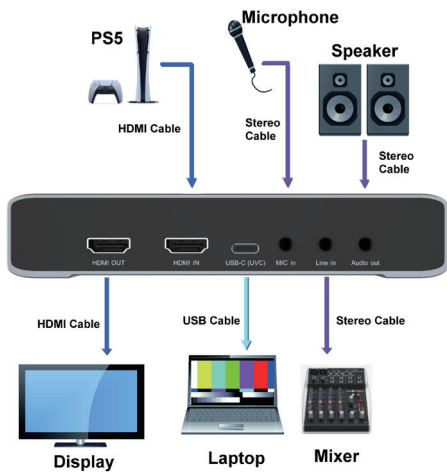


Figure 3: Application Diagram



## **Disclaimer**

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