



# 4K60Hz HDMI 2.1 Capture Device for Gaming and Streaming User Manual



04-1422A

P/N: CE-H28311-S1

## Features

- HDMI video input resolution supports  
4K@144Hz HDR & VRR/2K@144Hz HDR & VRR/  
1080p@240Hz HDR & VRR
- HDMI video pass-through output resolution supports  
4K@144Hz HDR & VRR/2K@144Hz HDR & VRR/  
1080p@240Hz HDR & VRR
- Capture/Recording HDMI signals through USB-C  
10Gbps, resolution supports 4K@60Hz/4K@30Hz HDR/  
2K@120Hz/2K@60Hz HDR/1080p@240Hz/  
1080p@120Hz HDR/1080p@60Hz HDR  
(\*Not Supports 21:9 Ratio)
- Recording format supports NV12, YUY2, MJPEG,  
P010 (HDR)
- Supports one 4-pole 3.5mm jack for headset  
(Mic-In/Line-Out)
- Supports one 4-pole 3.5mm jack for gamepad  
(Console party chat)
- UVC/UAC compliant, also compatible with most  
3rd party software such as OBS Studio
- Supports PC game, PlayStation, Xbox, Switch

## Notice

- 4K@144Hz only works in 48G bandwidth, monitor MUST support 4K@144Hz 48G bandwidth, if the monitor only supports 4K144 DSC mode, it won't work with 4K@144Hz, will be 4K@120Hz.
- Different USB ports on PC or laptop may have different performance or limitation, please try to find the USB 10Gbps port.
- Please must use the USB cable in box. We do not guarantee the overall performance when the USB capture box works with some other USB cables.
- HDMI cable quality may also play an essential role when capturing. Please be sure of that HDMI cable can do HDMI 2.1 signal transmission or better. Try different cables when the device is not able to work as expected.

## Package Contents

- 4K60Hz HDMI 2.1 Capture Device
- USB-C to C Cable
- 4 Pole 3.5mm Audio Cable
- User Manual

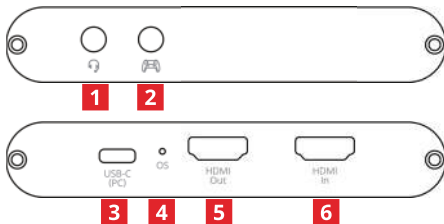
## System Requirements

- A desktop/laptop with an USB 10Gbps Type-C port
- Windows 10(64-bit)/11 or later
- macOS 13 / 14 or later (Max recording 4K@30Hz)

Desktop PC	
CPU	<ul style="list-style-type: none"> <li>• Intel® Core™ i5-6xxx or above</li> <li>• AMD Ryzen™ 5 1xxx or above</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• 8GB or above dual channel system memory</li> <li>• Recommended: 16GB or above dual channel system memory</li> </ul>
Graphics Card	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce® GTX1060 or above</li> <li>• AMD Radeon™ RX570 or above</li> </ul>

Laptop PC	
CPU	<ul style="list-style-type: none"> <li>• Intel® Core™ i7-7700HQ or above</li> <li>• AMD Ryzen™ 5 3500U or above</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• 8GB or above dual channel system memory</li> <li>• Recommended: 16GB or above dual channel system memory</li> </ul>
Graphics Card	<ul style="list-style-type: none"> <li>• NVIDIA® GeForce® GTX 1050Ti or above</li> <li>• AMD Radeon™ RX570 or above</li> </ul>

## Layout



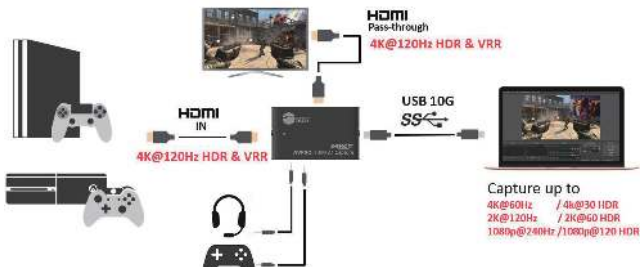
1. **3.5mm Jack for Headset:**  
Connect to your headset for audio mix
2. **4-Pole 3.5mm Jack for Gamepad:**  
Use attached 4 pole 3.5mm audio cable connect to the gamepad to support the party chat recording
3. **USB-C Port:**  
Must connect to the USB-C port which supports  
USB 10Gbps for 4K@60Hz recording  
USB 5Gbps only supports 4K@30Hz recording  
USB 480Mbps only supports 720p@30Hz recording
4. **OS:**  
Press down this button when video source is Windows or macOS, otherwise push back
5. **HDMI Output:**  
Connect to a monitor for video pass-through
6. **HDMI Input:**  
Connect to PC or game console as video source

# Application

## PC Gaming Setup



## Console Gaming Setup



## Top LED Indicator

	Standby Mode	Working Mode
Power plug in	Purple (1 sec)	N/A
USB 10G speed	Purple	Purple flashing
USB 5G speed	Blue	Blue flashing
USB 480M speed	Orange	Orange flashing
No Video	Blue and Orange flashing	N/A
HDCP Protected	N/A	Blue and Orange flashing
FW Update	Orange flashing	N/A

## Q & A

### Q: Why I can't recording 4K@60Hz video?

- Please check the USB port is support USB 10Gbps
- macOS only supports 4K@30Hz recording

### Q: Why I can't recording or live streaming HDCP protected signals?

- The product does not support viewing, recording and live streaming of HDCP-protected signals
- Windows with AMD graphic card & macOS screen image default with HDCP, so it can not recording  
Please press down OS button can let them stop sending HDCP

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YOUR PURCHASE**

***~thank you~***

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