

4K60Hz HDMI 2.1 Capture Device for Gaming and Streaming

(P/N: CE-H28311-S1)



Features

- Records HDMI signals through USB 3.2 Gen 2 10Gbps type-C with low latency, great for gaming, meetings or live streaming to YouTube and more
- Supports HDMI video resolution up to 4K144Hz HDR / 2560x1440 144Hz / 1920x1080 240Hz (Video stream over USB-C) & pass-through loopout
- Support HDMI input and output up to 4Kx2K 144Hz (without DSC)
- Supports playing 4K120 HDR on HDMI out while streaming perfect 4K2K 60Hz, 1080P 240/120Hz or 2560x1440 120Hz with SDR colors for gameplay capture
- Supports separate UAC for HDMI in and Mic in and UAC for PC audio out
- Auto-detection on video format to ensure plug-play operations
- Allows any output to view any HDMI source at any time
- Supports various resolution with downscaling and upscaling *
- Supports mic-in mix with HDMI audio
- Recording Video Format: Software Compression
- UVC driver compatible
- Low Latency (5~6 frame at 4K 60Hz)
- Compatible with Windows and Mac OS Quick Time. Works with most 3rd party software such as OBS Studio and VLC

*4K 144Hz only works in 48G bandwidth, monitor must support 4K 144Hz 48G bandwidth, if the monitor only supports 4K 144Hz DSC mode, it won't work with 4K 144Hz.

Note: PS5 & Xbox Series X also support 1080p 120Hz

Package Contents

- 4K60Hz HDMI 2.1 Capture Device for Gaming and Streaming
- USB-C to C cable
- Quick Installation Guide

System Requirements

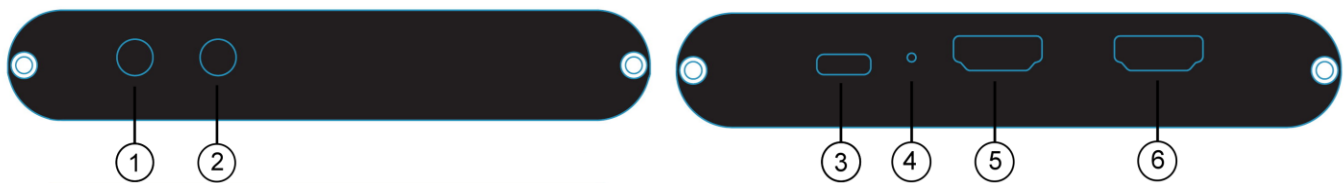
- Windows® 10 / 11 (64-bit) system
 - USB must support UVC protocol, meet 4K30 protocol requirements; HDMI must support 4K60 HDR
 - PC: Intel® Core i7-6xxx equivalent or above / Nvidia GeForce GTX1060 or Radeon RX560 or above
 - 16GB RAM or higher
- An available USB 3.2 Type-C Gen 2 10Gps port
- MAC OS X® 10.13 or above
 - iMac: 3.6GHz Quad-Core Intel Core i7 / Radeon Pro 555 (2GB of VRAM)
 - MacBook Pro: 2.8GHz Quad-Core Intel Core i7 / Radeon Pro 555X (2GB GDDR5 Memory)
 - 16GB 2400MHz DDR4 Memory

Specifications

Video support USB-C	Up to 4Kx2K@60/ 1080P@240/ 2560x1440@120/ 4Kx2K@30 HDR
USB-C bandwidth	Up to 10Gbps (USB-C)
Video support HDMI	Up to 4Kx2K 144Hz 4:4:4/4:2:2/4:2:0
HDMI bandwidth	Up to FRL 6 (48Gbps)
Connectors	1x 19-pin HDMI, Type-A, female, Input 1x 19-pin HDMI, Type-A, female, Output 1x 3.5mm Audio, Aux Input 1x 3.5mm Audio, Output 1x 24-pin USB 3.2 Gen 2 Type-C, female
Audio input	HDMI Embedded Audio & Mono mic input audio
Audio Support	HDMI output up to 7.1ch, Stereo audio up to 2ch
Recording Mode	Software Compression
Recording Video Format	RGB/YUY2/NV12/I420/P010/ MJPEG (USB 3.2 Gen 2) MJPEG/YUY2/NV12/I420(USB2.0)
Software compatibility (not complete list)	OBS Studio (Windows, Linux, MAC), AMCap (Windows), Potplayer (Windows), VLC (OS X, Linux), XSplit Broadcaster (Windows), Skype (Windows, OS X), Zoom (Windows), Hangout (Windows), TeamViewer (Windows)
Housing Material	Aluminum
Firmware update	Feasible via USB-C Port

Dimensions	4.56'' (W) x 0.78'' (H) x 2.72'' (D)
Weight	0.56 lbs
Operating temperature	32 to 104 degrees F
Storage temperature	-4 to 140 degrees F
Operating humidity	20% to 90% RH (non-condensing)
Certifications	FCC / CE / RoHS
Warranty	3 years
Country of origin	Taiwan

Product layout



①	Stereo Audio Out extracts from HDMI input	④	LED Indicator for signal indicator Standby Mode Purple: USB 3.2; Blue:USB 3.1; Orange: USB 2.0 Working Mode: Blue strobe: Normal working Purple strobe: HDCP Key Protected
②	Stereo Audio Input connect to analog stereo audio source	⑤	HDMI Output for HDMI display
③	USB-C Output for USB-C Source	⑥	HDMI Input for HDMI source

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