GRA-H01C01

HDMI 2.0 to USB-C 4K Capture

OVERVIEW

Partilink 4K Capture is a dongle designed to capture 4K@60Hz HDMI video/ audio source and uplink 4K@30Hz video/audio data to the connected computer through USB-C for filing, editing and streaming the video simultaneously in various media platform.

It's easy to apply for capturing HDMI signal from Camera, PS4, XBOX, Switch and other AV devices and streaming captured HDMI audio/video through PC/NB with USB-C and integrate with other media for application in video conference, YouTube video upload, gaming and any purposed video filing and editing.
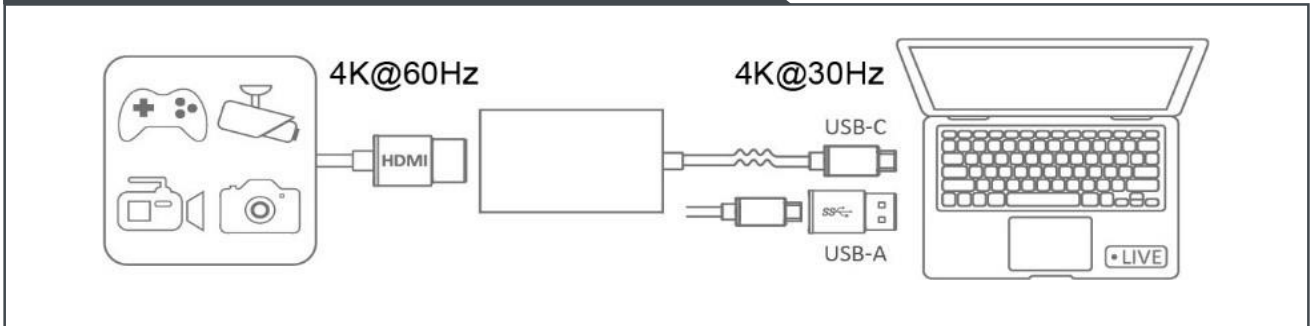
FEATURES

- Recording and streaming
- Supports HDMI 2.0 standard up to 3840 x 2160@60Hz input
- USB 3.1 Gen1 with Type-C connector
- Supports video capture at 3840x 2160@30Hz output
- Supports RGB 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
- Supports UVC 1.0
- Compatible with third-party application such as QuickTime, OBS, XSplit, vMix, Gamecaster and Broadcaster
- Works with gaming PC, Xbox, One/S, Playstation 4/ Pro….etc.
- Supports HDR input
- Plug & Play (no driver needed for Win 8 and above version)

SPECIFICATION

MODEL NO.	GRA-H01C01
INPUT INTERFACE	1 x HDMI 2.0 type A
INPUT RESOLUTION	3840x2160p 60/50/30/25/24Hz 16:9 1920x1080p 120/60/50/30/25/24Hz 16:9 1920x1080i 60/50Hz 16:9 2560x1440p 60Hz 16:9 1280x720p 60/50Hz 16:9 720x576p 50Hz 16:9 720x576p 50Hz 4:3 720x480p 60Hz 16:9 720x480p 60Hz 4:3 640x480p 60Hz 4:3 720(1440)x576i 50Hz 16:9 720(1440)x576i 50Hz 4:3 720(1440)x480i 60Hz 16:9 720(1440)x480i 60Hz 4:3
OUTPUT INTERFACE	1 x USB Type C (SuperSpeed) UVC

OUTPUT RESOLUTION

		NV12	YUYV
	USB3.0 SuperSpeed	3840x2160p 30 Hz 2560x1440p 60 Hz 1920x1080p 120/60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz	2560x1440p 50 Hz 1920x1080p 60/50/30/25 Hz 1280x720p 60 Hz 720x480p 60 Hz 720x576p 50 Hz 640x480p 60 Hz
	USB2.0 Hi-Speed	1280x720p 30 Hz 720x576p 50 Hz 720x480p 60 Hz 640x480p 60 Hz	720x576p 50 Hz 720x480p 60 Hz 640x480p 60 Hz

COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)
VIDEO FORMAT	NV12 , YUYV
UAC AUDIO OUTPUT	Stereo / 16-bit PCM encoded audio at 48KHz sampling rates

SYSTEM REQUIREMENTS

CPU	i5 Dual Core 2.8GHz or higher
RAM	4GB or higher
OS	Windows (8 and above), MacOS (10.13 and above)

ENVIRONMENT

Operating Temperature	0℃ ~ 45℃
Operating Humidity	20% ~ 90%

DIMENSION	42 x 352 x 13.5 mm (W x L x H including cable length)
WEIGHT	60 G

*DOES NOT CAPTURE HDCP CONTENT (ex: DVD, BlueRay player)

CONNECTION DIAGRAM

APPLICATION

- Gaming: recording and editing the file for storage, or live steaming to display in various media platform such as YouTube, FB, Instagram ...etc.
- Business: video conference, live streaming to promote and demonstrate product
- Education: remote teaching and training

Recording

Camera

Capture

Computer

Streaming

Game Console

Capture

Computer

Gaming

Game Console

Splitter

4K Monitor

Capture

Computer

──── HDMI ──── 4K Grabber Dongle USB-C