

HDMI2.0 to USB-C 4K Capture

GRA-H01C01



User manual

- English -

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A. Introduction

PARTILINK HDMI to USB-C 4K Capture is designed to capture 4K UHD video, allowing the user to plug-in various 4K HDMI output devices (such as PS4, XBOX, Switch, camera, etc.) and uplink 4K UHD 30Hz data to the computer through the USB terminal. Streaming media made easy, capture every sound and movement. It will not affect your computer's performance, while maintaining a resolution up to 4K at 30 fps.

B. Features

- Supports HDMI 2.0 Standard up to 3840 x 2160p @ 60fps
- Supports video capture at 3840 x 2160p @ 30fps
- Supports deep color (36-bit color)
- Supports HDR input
- Supports USB 3.0
- Supports UVC 1.0
- Supports USB – C connector
- Supports USB port power supply, no need for an external power supply
- Compatible with third-party applications, such as QuickTime, OBS, XSplit, vMix, etc.

C. Inside the box

- Partilink HDMI to USB-C 4K Capture x 1
- USB-C (female) to USB-A (male) adapter x 1

D. Specifications

MODEL NAME	HDMI to USB-C 4K Grabber		
INPUT INTERFACE	1 x HDMI 2.0 Type A		
OUTPUT INTERFACE	1 x USB Type C (SuperSpeed) UVC		
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		
CAPTURE RESOLUTION	USB3.0 SuperSpeed	3840x2160p	30 Hz
		2560x1440p	60/50Hz
		1920x1080p	120/60/30 Hz
		1280x720p	60 Hz
		720x480p	60 Hz
		720x576p	50 Hz
		640x480p	60 Hz
		640x480p	60 Hz
	USB2.0 Hi-Speed	1280x720p	30 Hz
		720x480p	60 Hz
		720x576p	50 Hz
		640x480p	60 Hz
COLOR SAMPLING	RGB, YUV (YCbCr444, YCbCr422, YCbCr420)		
VIDEO FORMAT	USB 3.0 : NV12 , YUY2, RGB32, P010 USB 2.0 : NV12		
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), Mac OSX (10.13 and above)		
ENVIRONMENT	Operating Temperature 0~45°C Operating Humidity 20~90%		
DIMENSION	42 x 352 x 13.5 mm (W x L x H including cable length)		
WEIGHT	60 G		
COLOR	Black		
ACCESSORIES	USB-C to USB-A 3.0 Adapter		
PRODUCT NUMBER	8RGRA-H01C01S0PE		
EAN NUMBER	4718009820500		
*DO NOT CAPTURE HDCP CONTENT (ex: DVD, BluRay player)			

E. System requirements

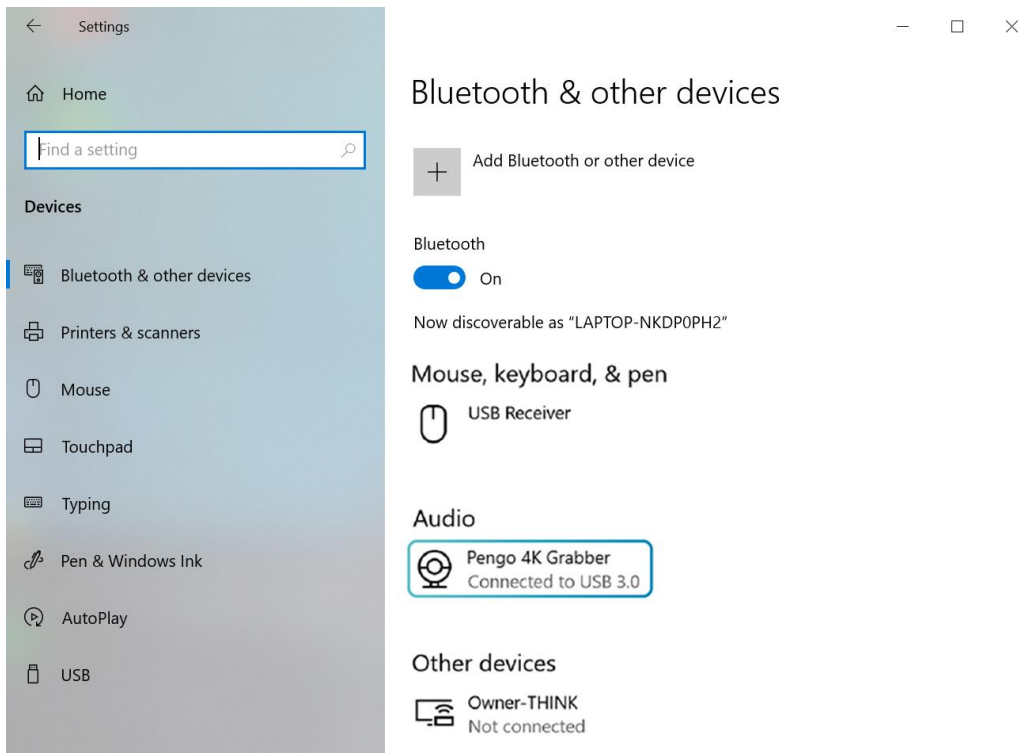
- CPU: i5 Dual Core 2.8GHz or higher
RAM: 4GB or higher
OS: Microsoft Windows 8.1/10
Mac OS X (10.13 and above)

F. Installation

1. Connect Pengo HDMI to USB-C 4K Grabber into the computer via USB 3.0 Port.
2. Plug in your devices (ie: PS4 Pro, Xbox One X, Camcorder) with an HDMI Cable into the HDMI input port.

G. Operating Instructions (Windows with OBS)

1. After plugging in your device, go to [Windows Settings] and then go under [BT and Other Devices] and make sure Pengo 4K Grabber is detected



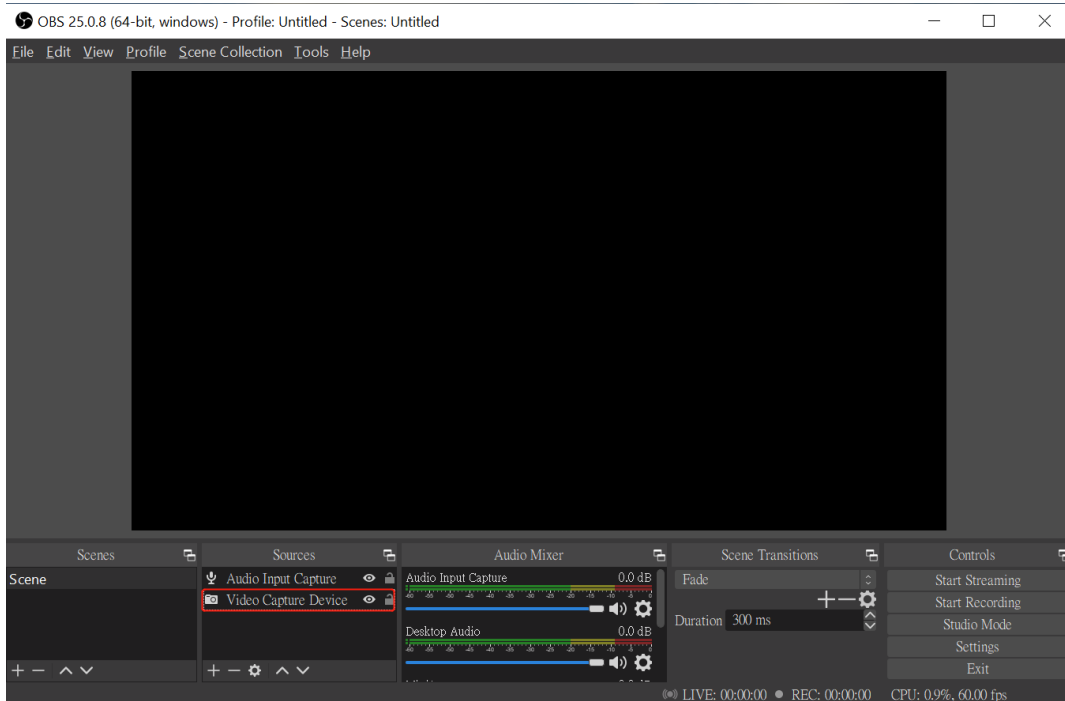
2. Download OBS Studio: <https://obsproject.com/>
(OBS-Studio-25.0.8-Full-Installer-x64.exe)



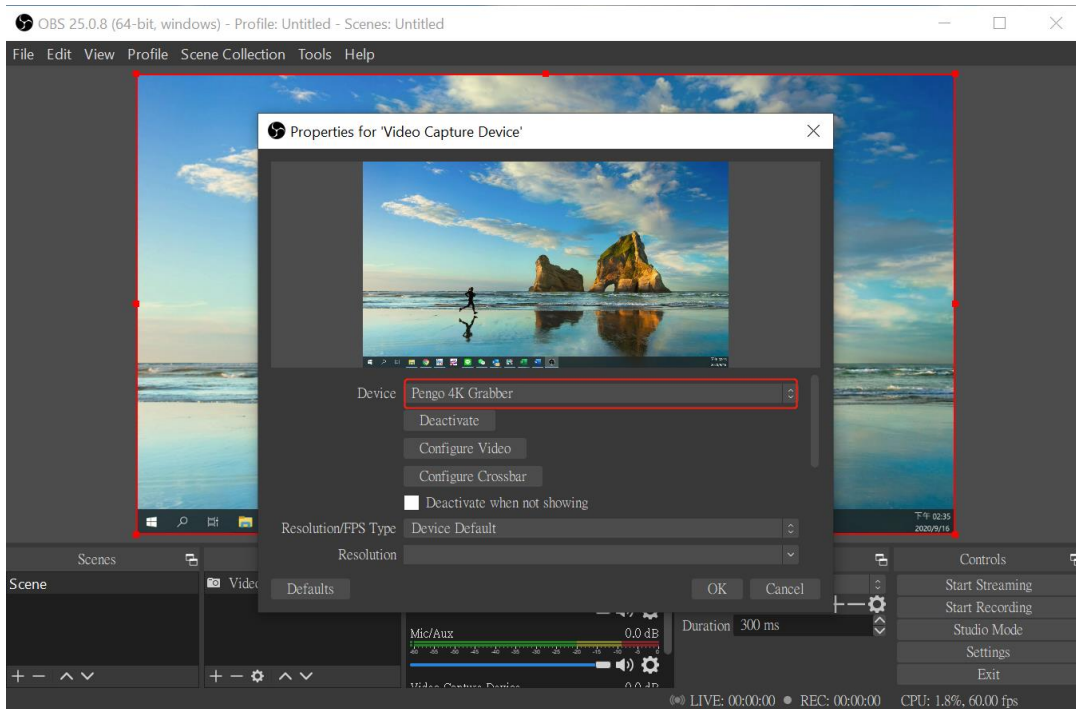
3. Open OBS Studio. (version 25.0.8)

1. Video Setting

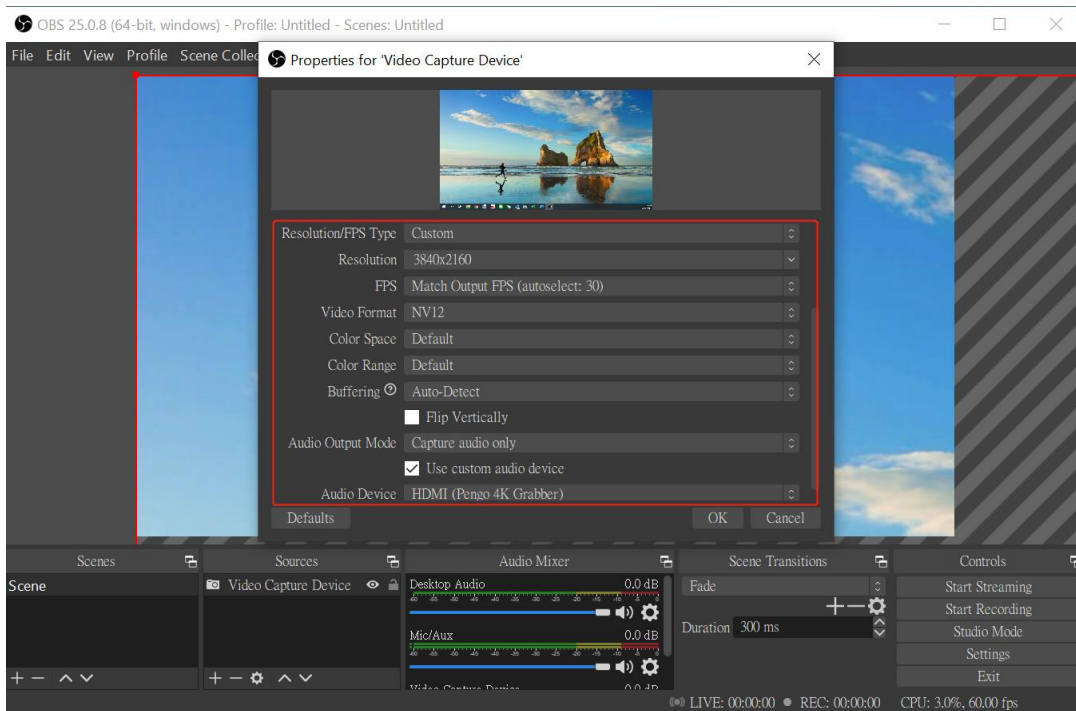
1.1 Select "Video Capture Device"



1.2 Select “Pengo 4K Grabber” as your device



1.3 Parameter Setting references are displayed as below



*Resolution/FPS Type: Custom

*Resolution: 3840x2160

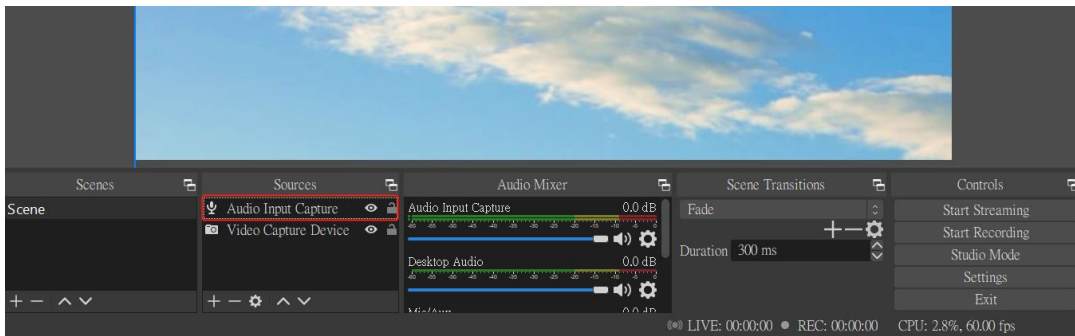
*FPS: Match Output FPS (autoselect: 30)

*Video Format: NV12

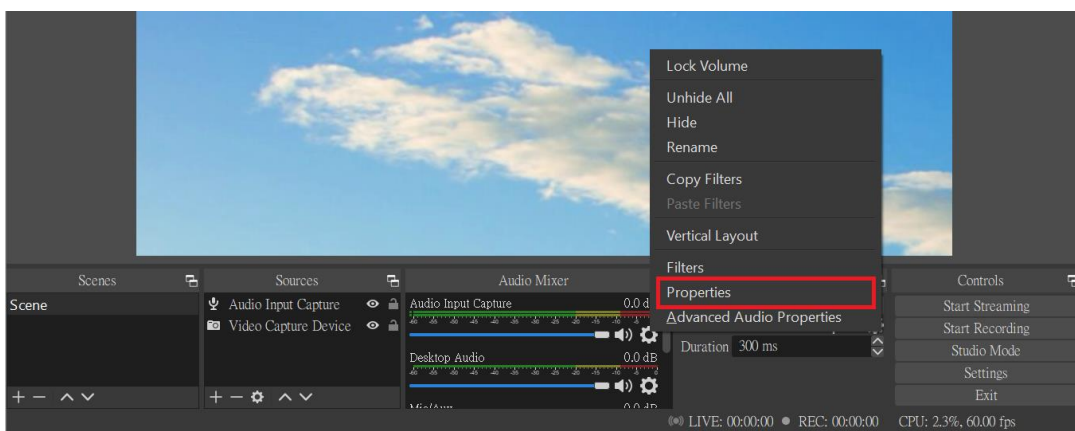
*Audio Device: HDMI (Pengo 4K Grabber)

2. Audio Setting

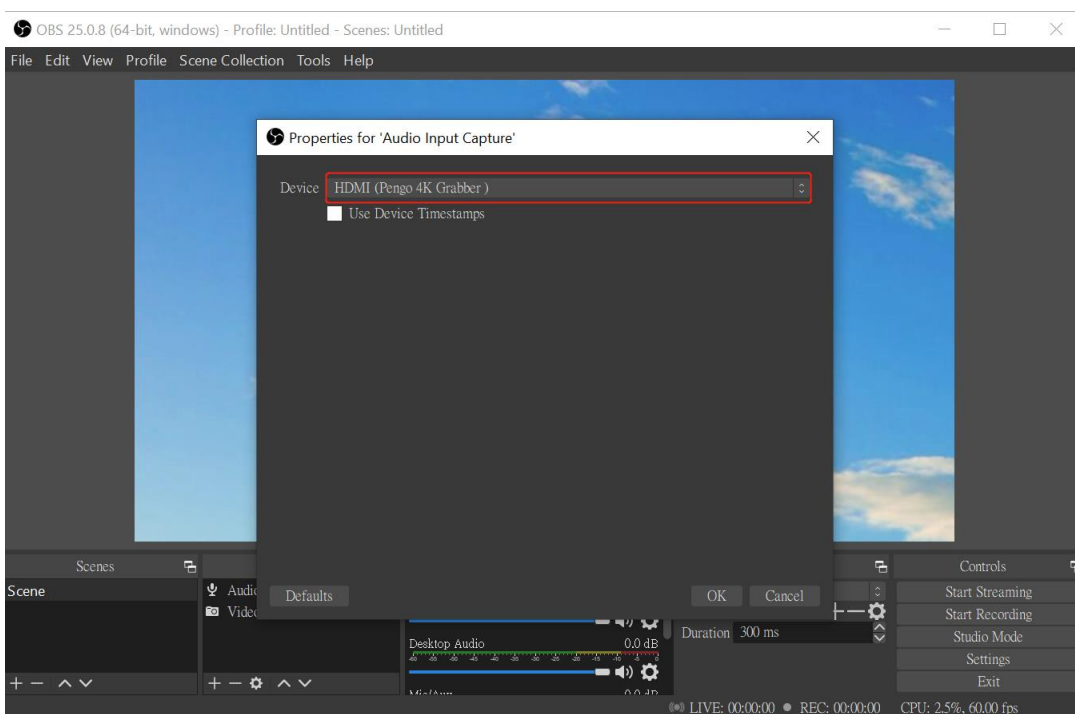
1.1 Click on the audio setting icon as displayed below



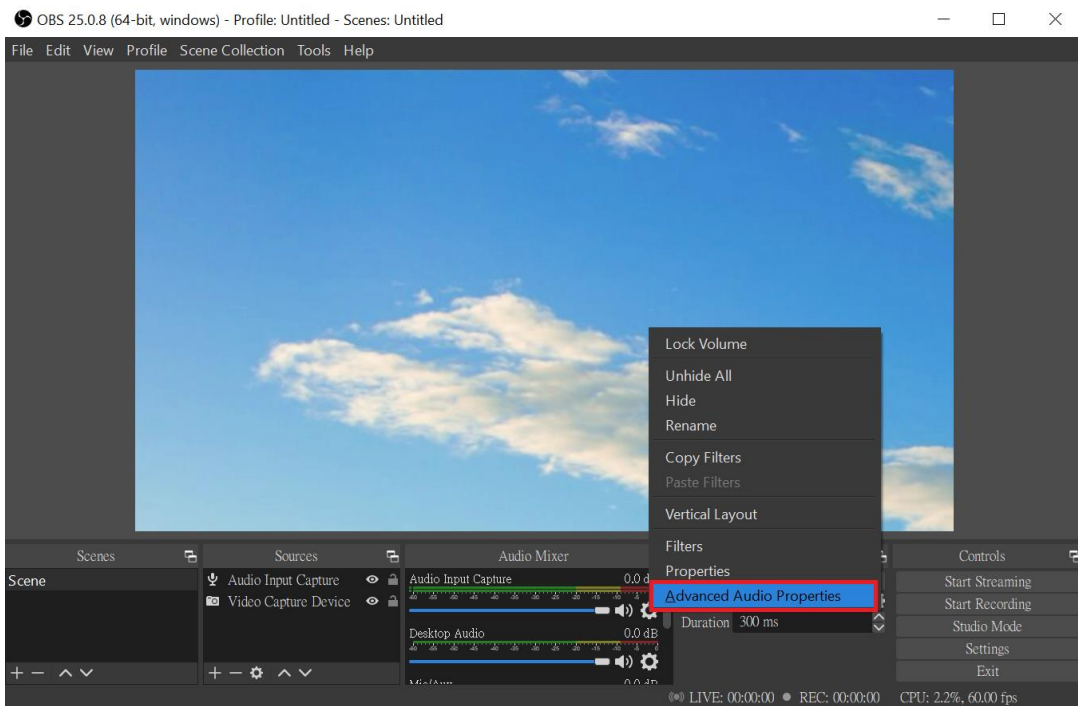
1.2 Select “Properties”



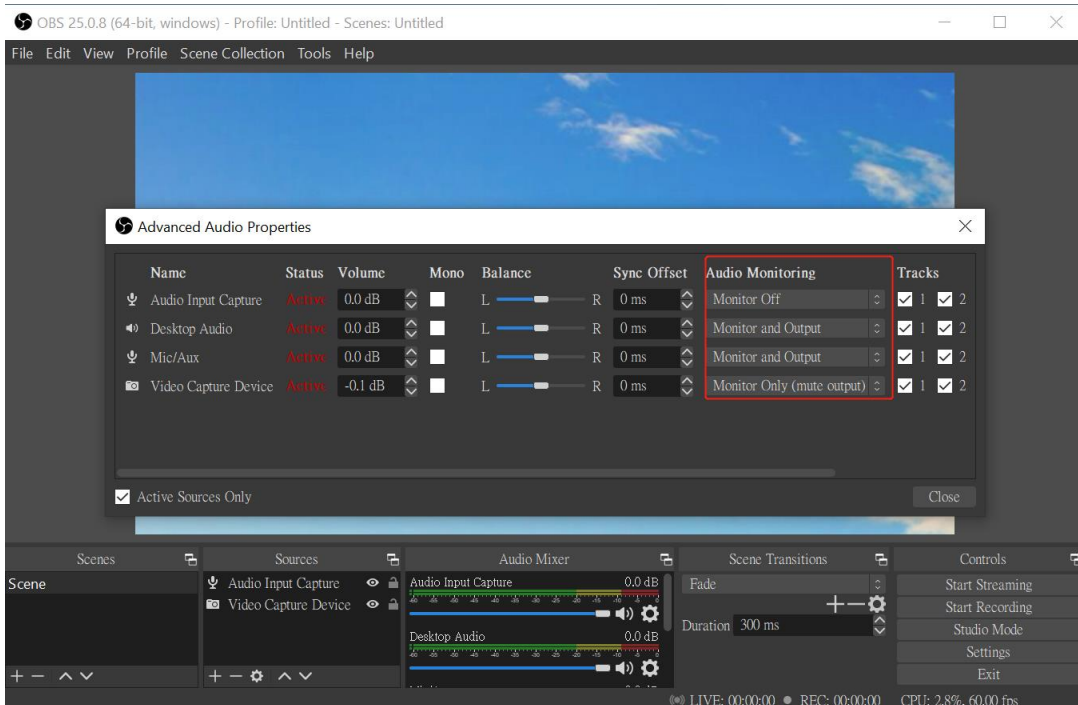
1.3 Under Properties: Select “HDMI (Pengo 4K Grabber)” as your device



1.4 Under the Audio Setting Icon: Select “Advanced Audio properties”



1.5 Under Advanced Audio Properties: Adjust your audio source to suggested preferences (Microphone and speaker need to change the setting into Monitor and Output)

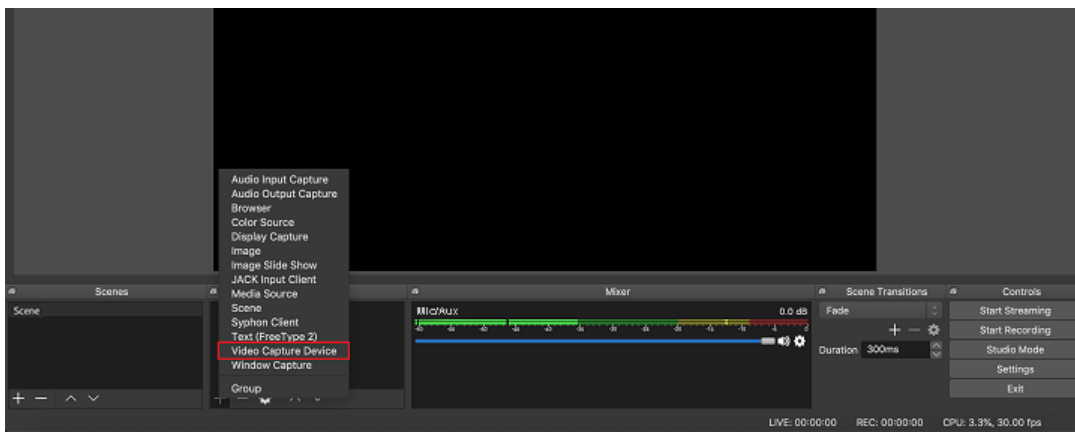
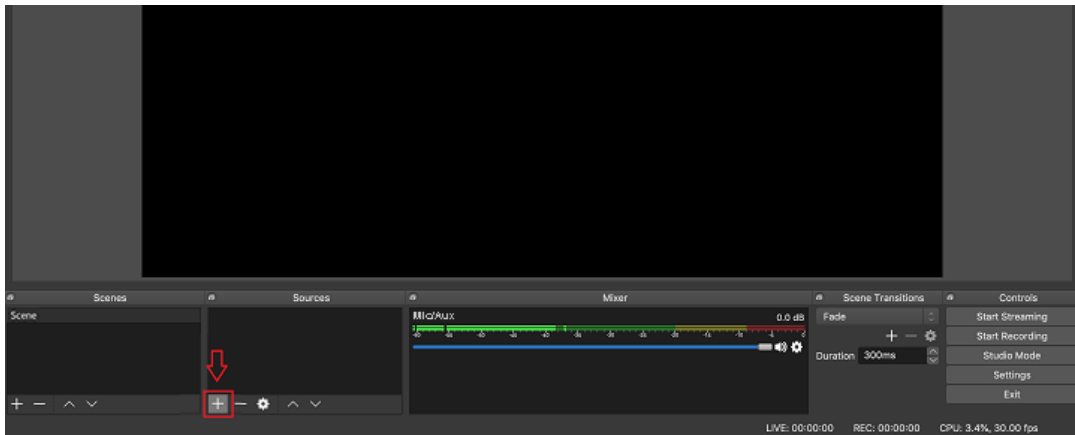


1.6 OBS Setting completed

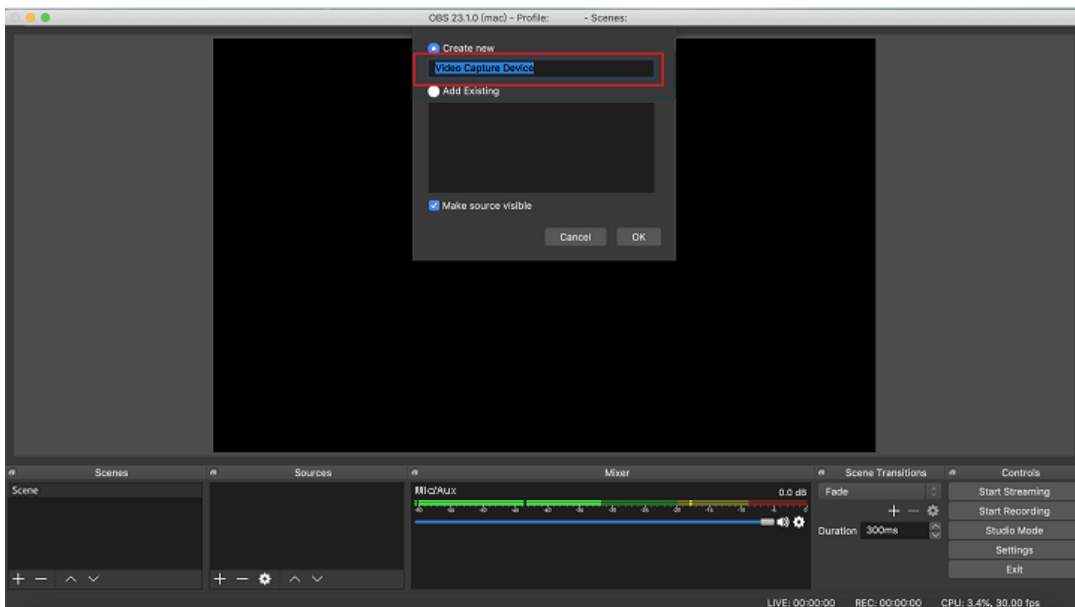
H. Operating Instructions (Mac OS with OBS)

1. Video Setting

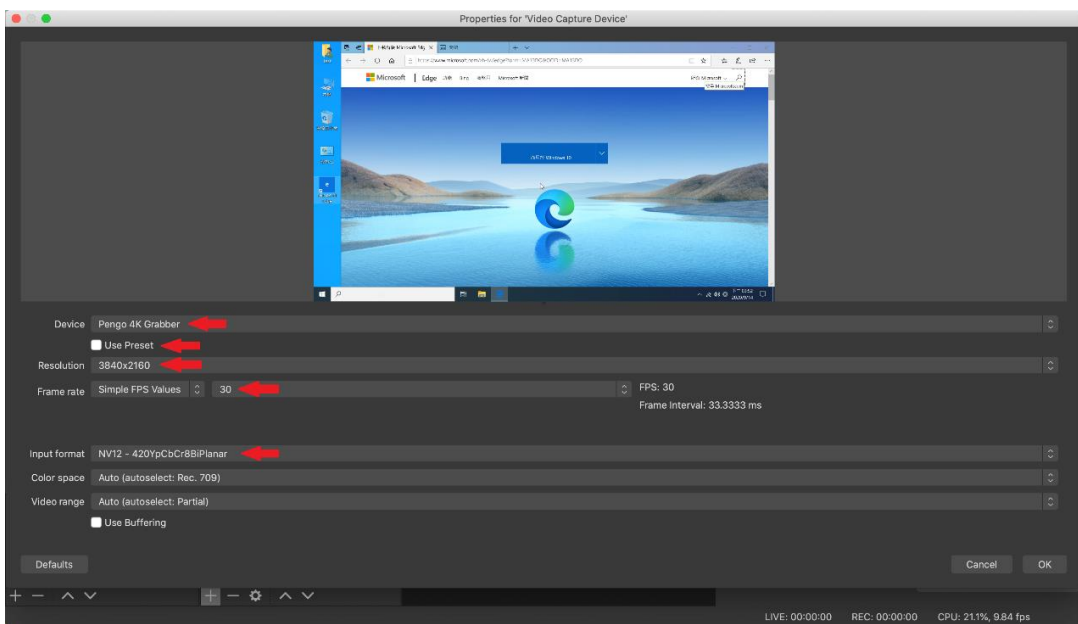
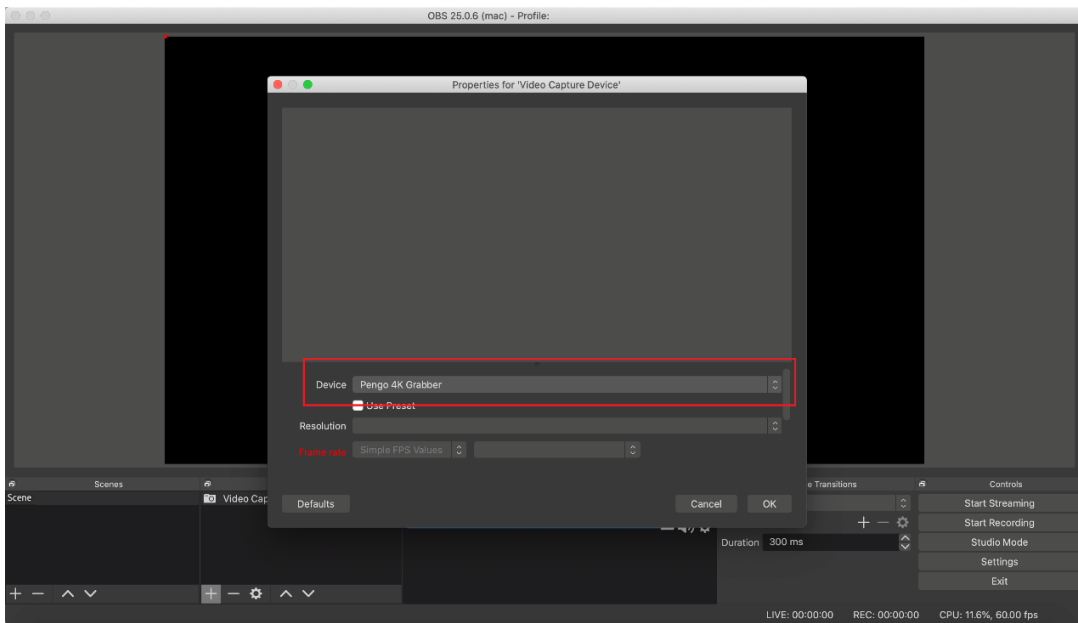
1.1 Under Sources, click on the “+” icon and select “Video Capture Device”



1.2 Rename the Input Source and click OK



1.3 Under Properties: Select “Pengo 4K Grabber” in Device



Do not click “Use Preset” and customize the configuration.

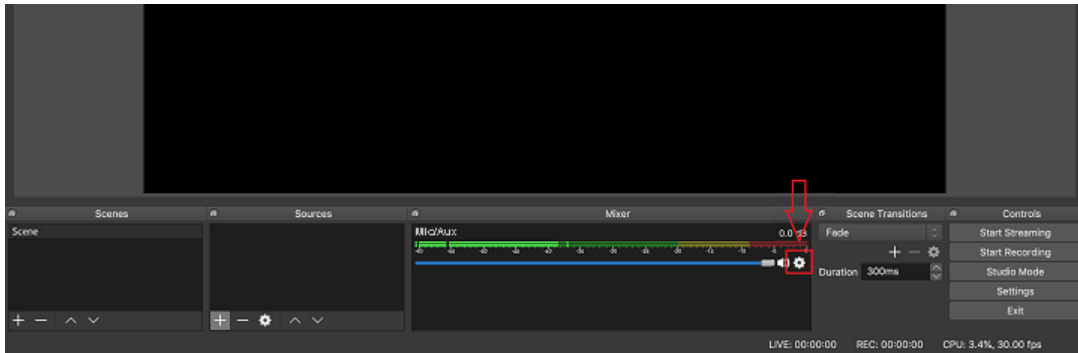
*Resolution: select the best resolution possible 3840 x 2160

*FPS: Simple FPS Values 30

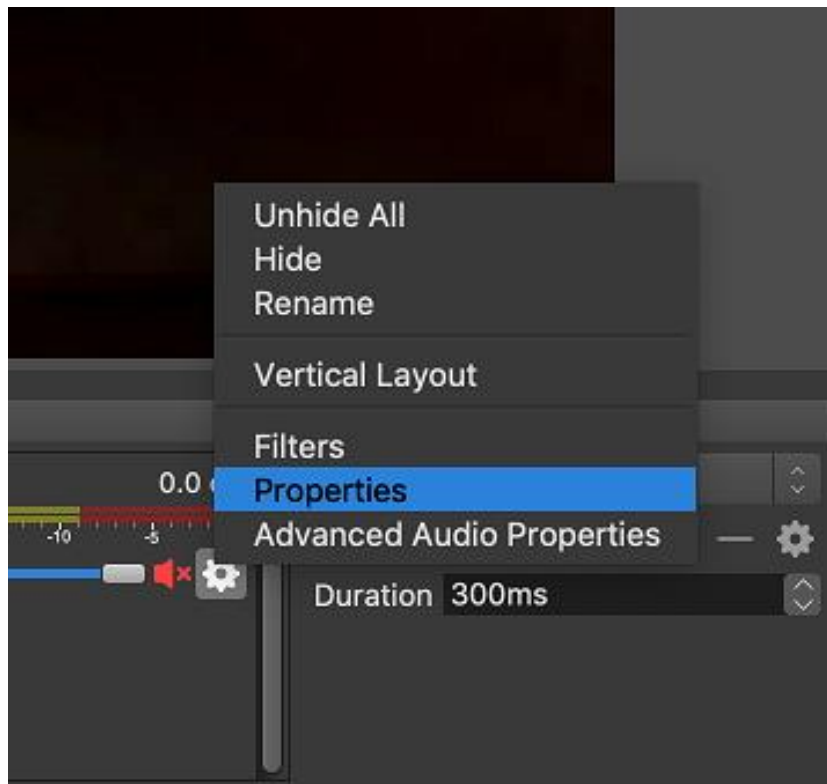
*Input Format: NV12

2. Audio Setting

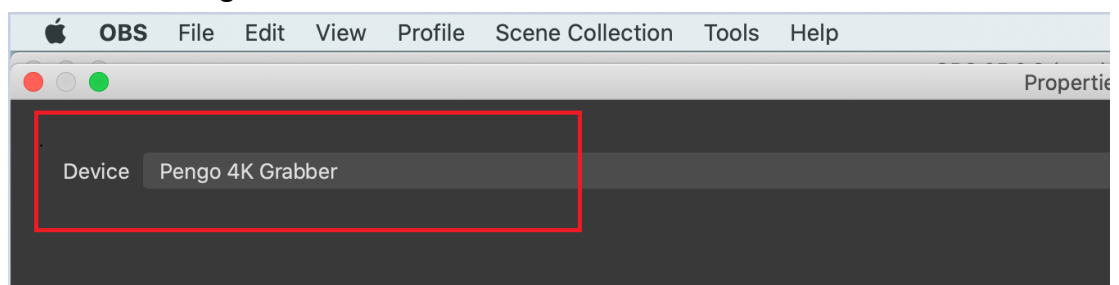
1.1 Click on the Audio Setting Icon as indicated below



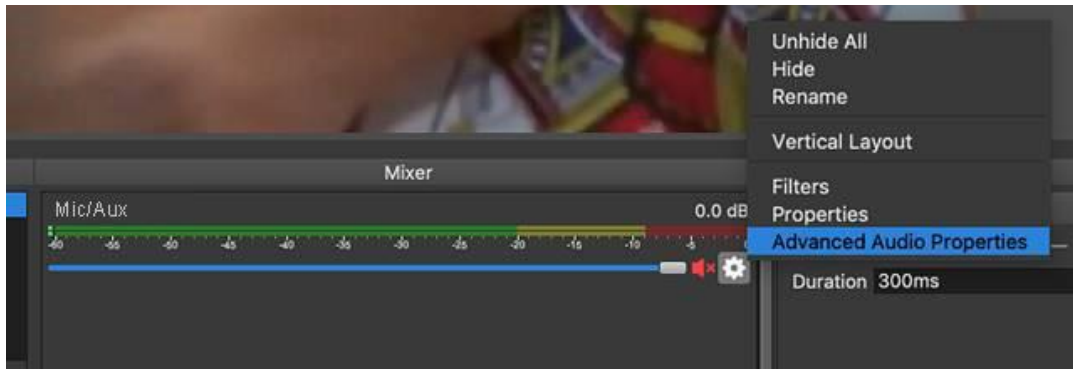
1.2 Select "Properties"



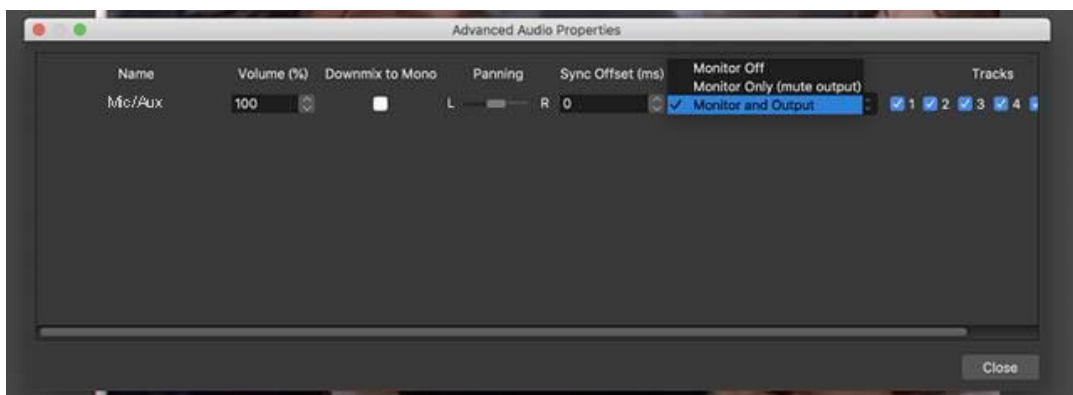
1.3 Select "Pengo 4K Grabber" in Device



1.4 Click on the Audio Setting Icon and select “Advanced Audio Properties”



1.5 Under Advanced Audio Properties: Select “Monitor and Output”



1.6 Setting Completed

Note:

- USB 3.0 is recommended to be connected.
- Different versions will have slightly different interface.
- Make sure your source does not have HDCP, we do not support HDCP.
- Please contact us if you have any issue.
- For resolution 3840x2160 30p, the capture device supports NV12 mode, When using OBS, please select NV12

- END -