



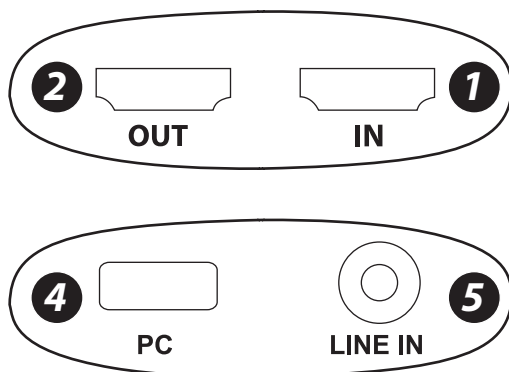
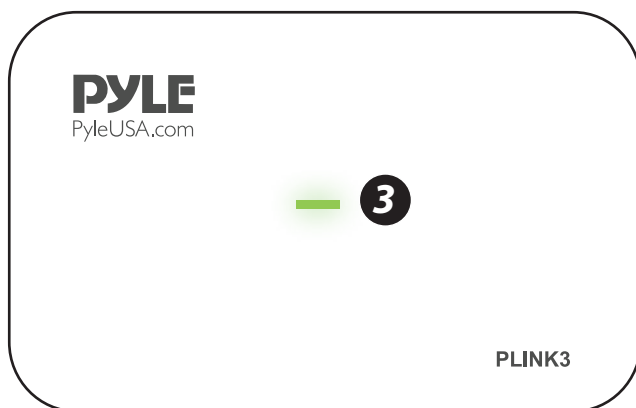
PLINK3

Gamelink RAW 4K USB HDMI Video Capture Device
Live Streaming Record Capture, USB 3.1, GEN1 Video Recording
with HDMI Pass-Through

USER GUIDE

Overview

1. HDMI Input Port
2. HDMI Output Port
3. LED Indicator
4. Line In Port
5. USB 3.0 Port



LED Indicator

Red: No operation, power **ON** only

Green: Run signal

Software

For professional live streaming or recording, we suggest use OBS, download link: <https://obsproject.com/>



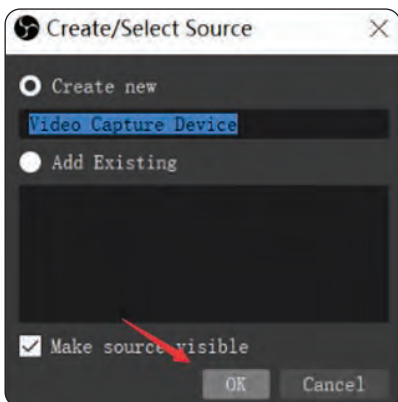
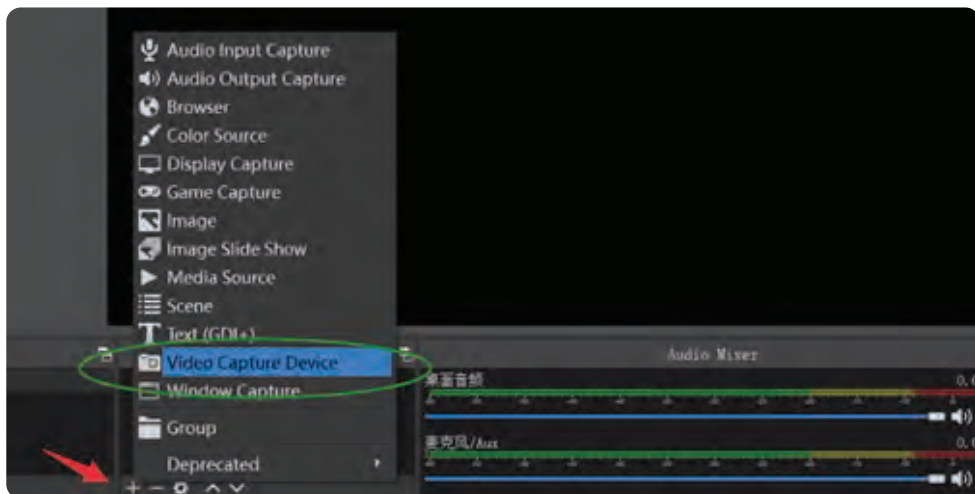
WARNING:

This product can expose you to a chemical or group of chemicals, which may include "Nickel Carbonate" which is known in the state of California to cause cancer, birth defects, or other reproductive harm. For more info, go to <https://www.p65warnings.ca.gov/>.

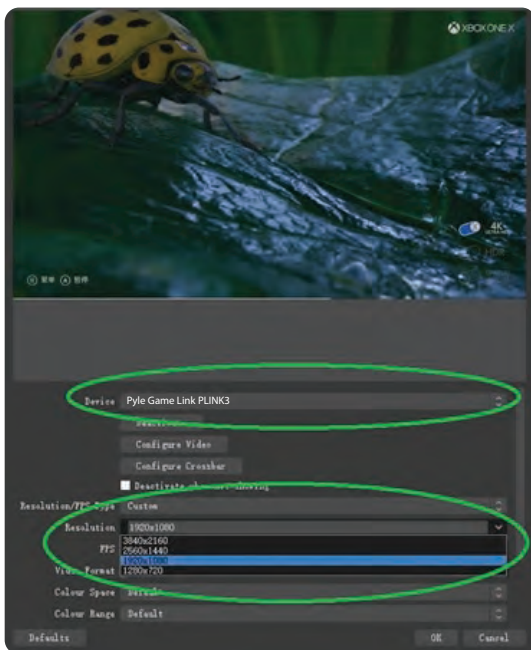
Work with OBS

Device Select

After download and installation, run OBS, add a "Video Capture Device":



Click "OK" to Create

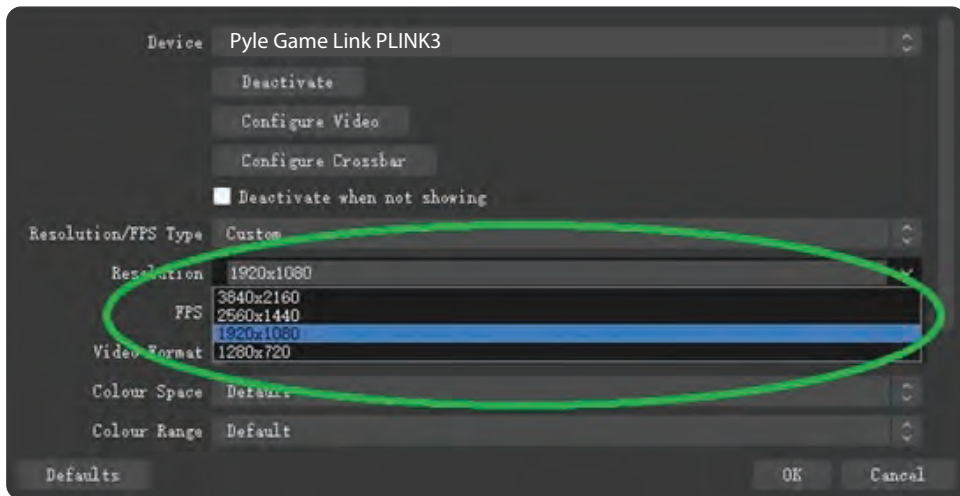


Device: Choose "Pyle Game Link PLINK3"

Resolution Setting

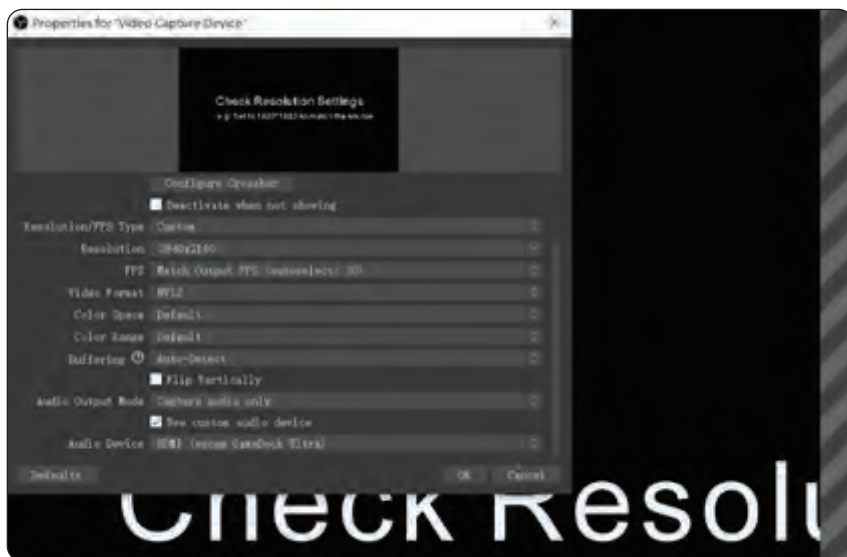
Resolution: Choose Custom or Default

Set a resolution you want (if set custom):



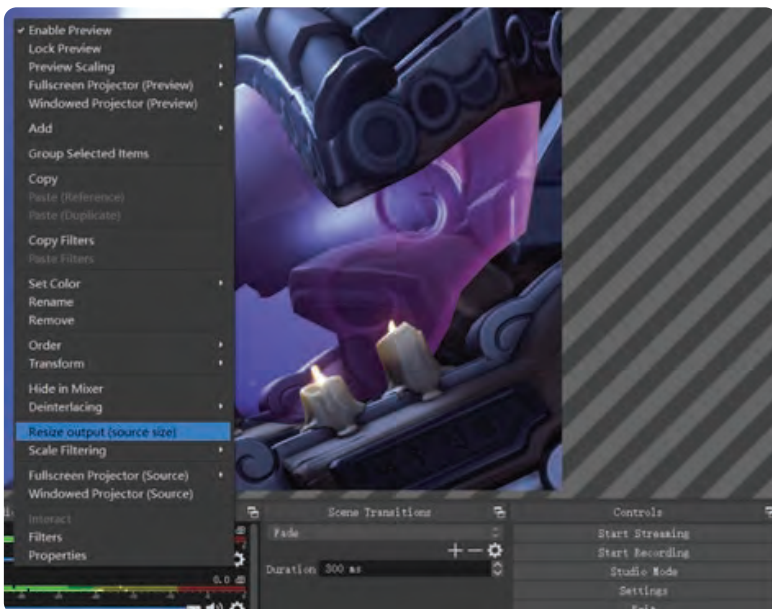
Note:

Make sure the resolution set is the same or smaller than the source, otherwise, you may see “Check Resolutions Settings” as follows:

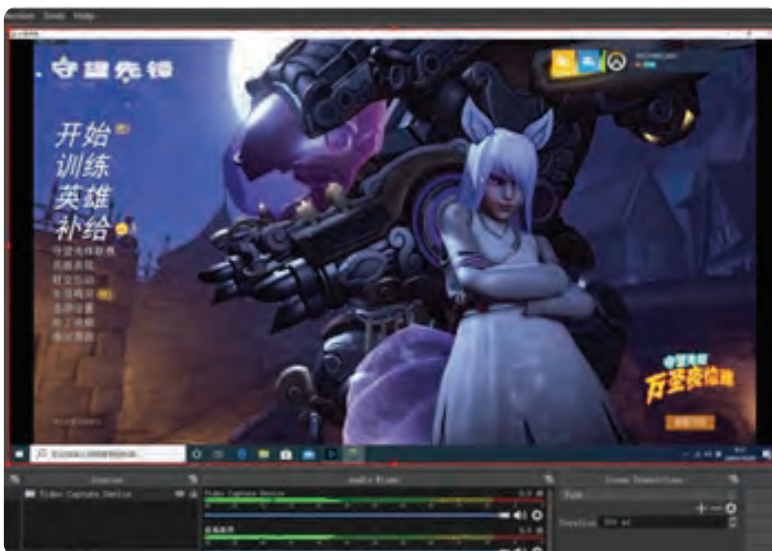


Set to 4k while input is not. Set to lower resolution to match the source.

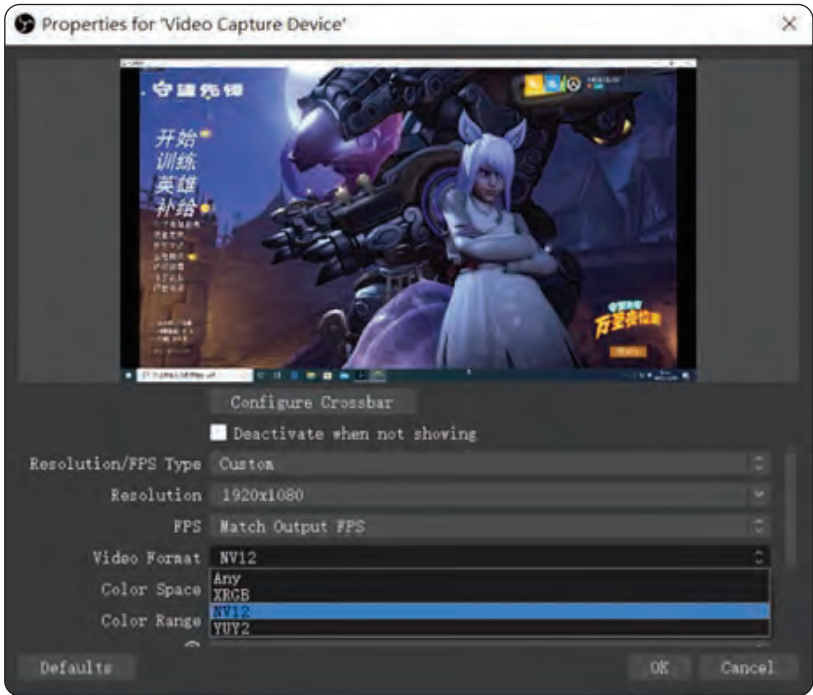
If you set resolution to 4k (3840*2160), you may find that the viewing picture is way out of the frame of OBS. Right click window and select “**Resize output (source size)**”.



After confirmation you can see the whole picture:



Video Format & FPS



The video format options depend on resolution, the max FPS depends on both resolution and video format:

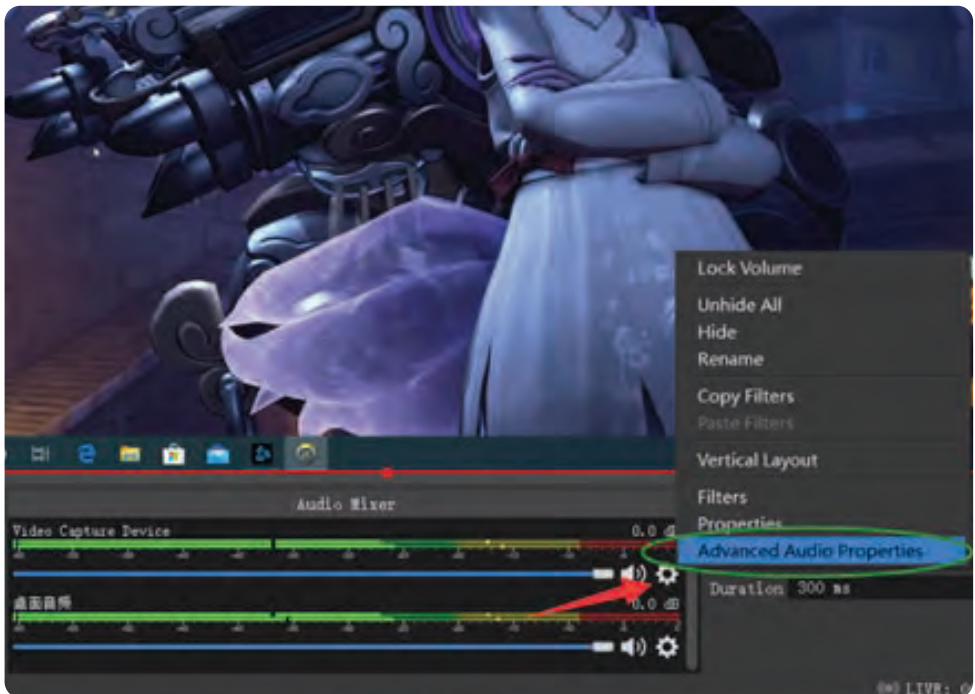
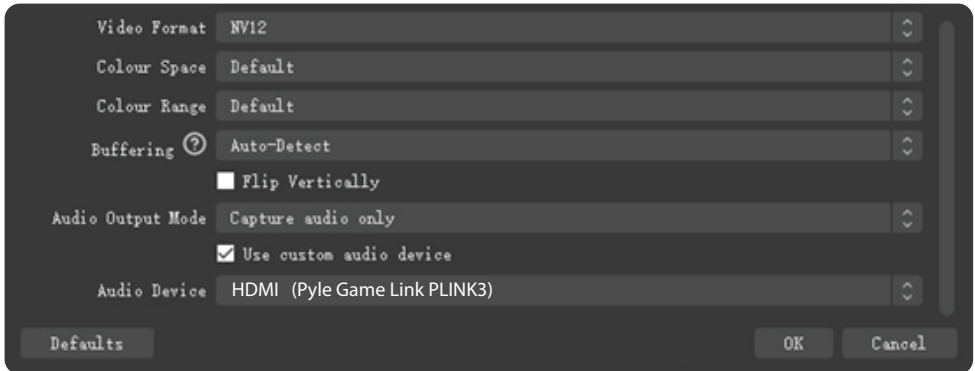
	Video Format options	MAX FPS
3840 x 2160	NV12	30
1920 x 1080	NV12	120
	YUY2	60
	XRGB	30
2560 x 1440	NV12	60
	YUY2	50
1280 x 720	NV12	60
	YUY2	60
	XRGB	60

Audio Setting

Audio Output Mode: Capture audio only

Tick "Use custom audio device"

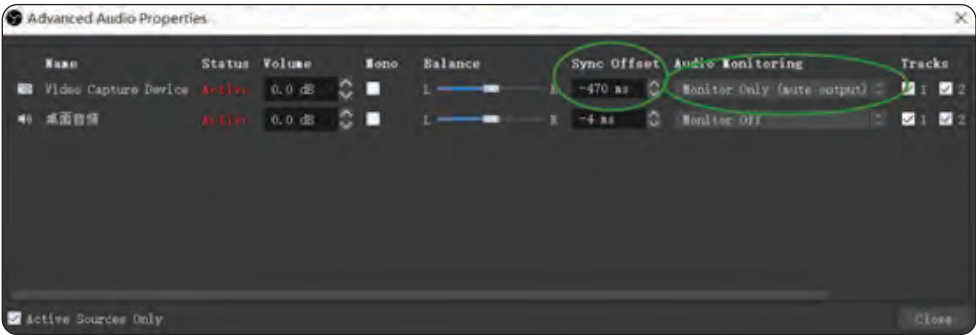
Audio Device: HDMI (*Pyle Game Link PLINK3*)



Click Settings, then click "Advanced Audio Properties"

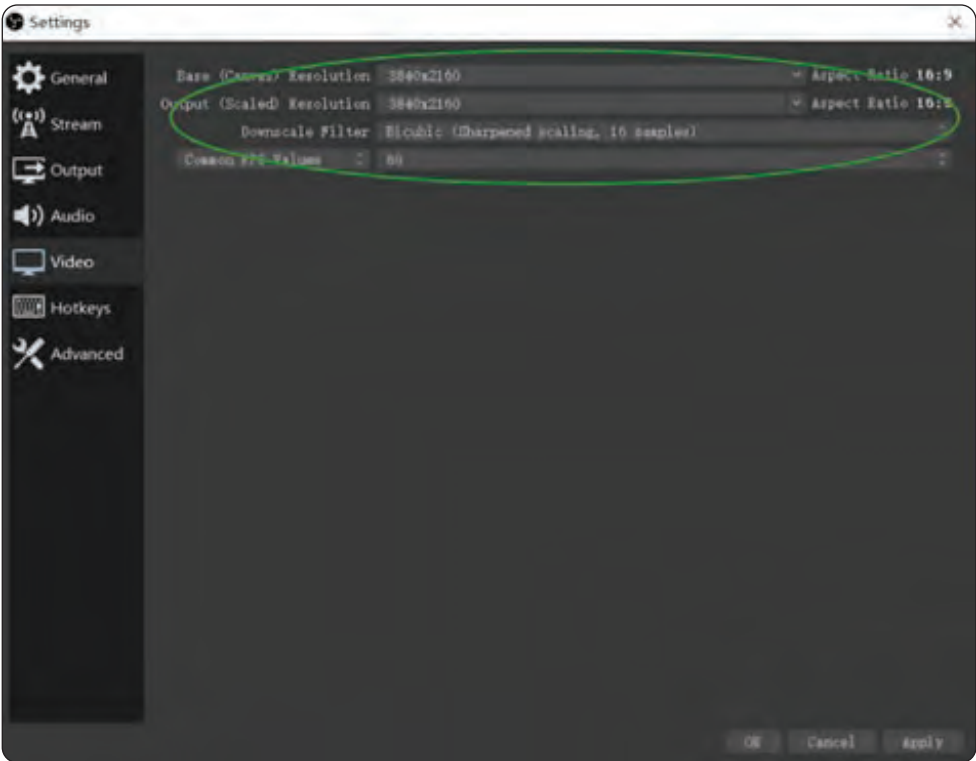
Audio Monitoring: Monitor Only (mute output)

Sync offset: - 470ms (this is for audio and video sync; you can adjust it until your audio video is synced)

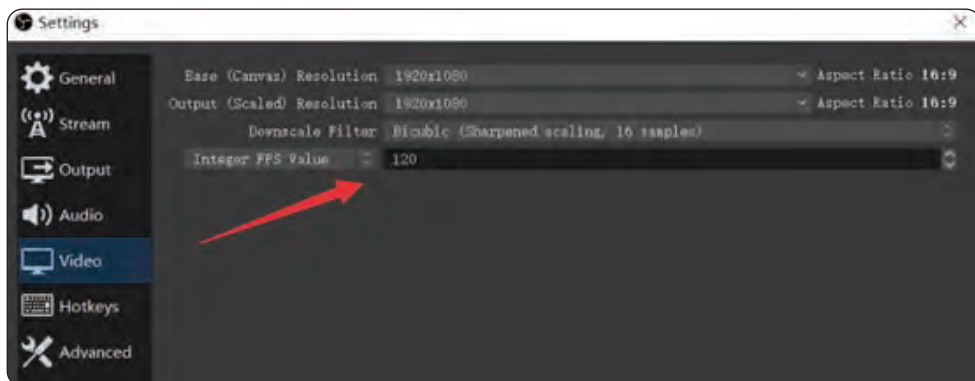


Recording

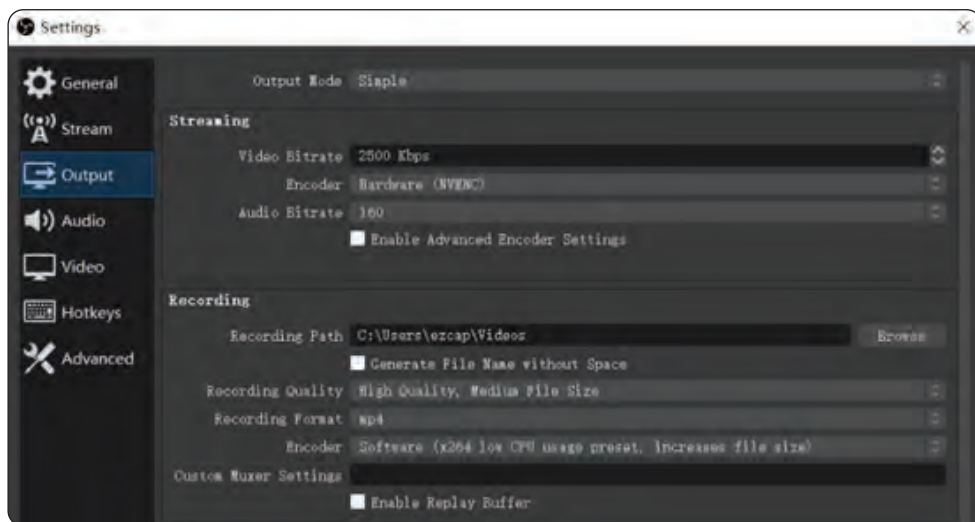
Record resolution setting:



You may also want to record a 120HZ video -- Choose Integer FPS, then type 120:



Output setting for Recording:



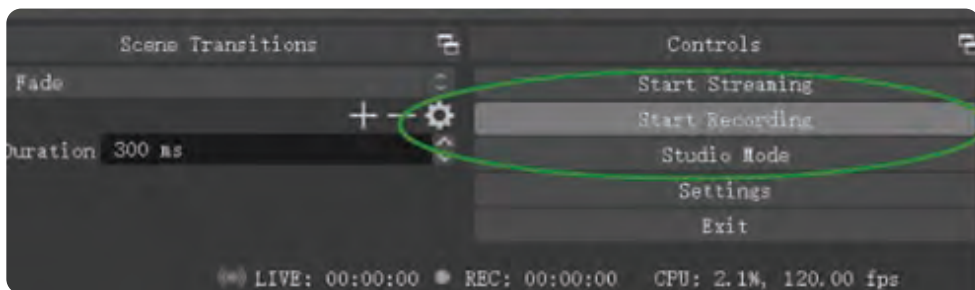
If you want record a better quality, one of the suggest setting is:

Recording Quality: High Quality, Medium File Size

Recording Format: Mp4

Encoder: Software (x264 low CPU usage preset, increase file size)

After setting, simply click “**Start Recording**”

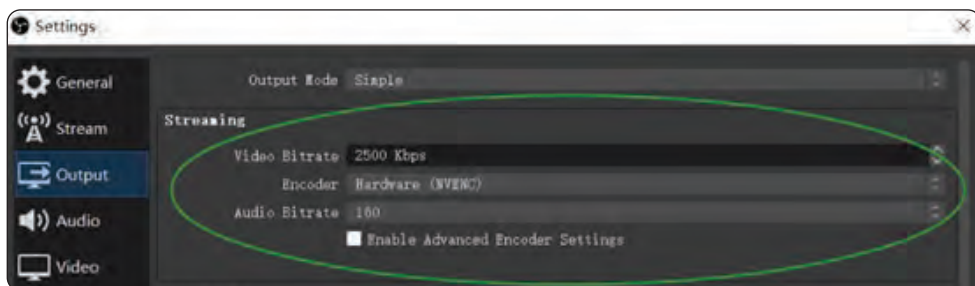


During recording click to stop when you want:

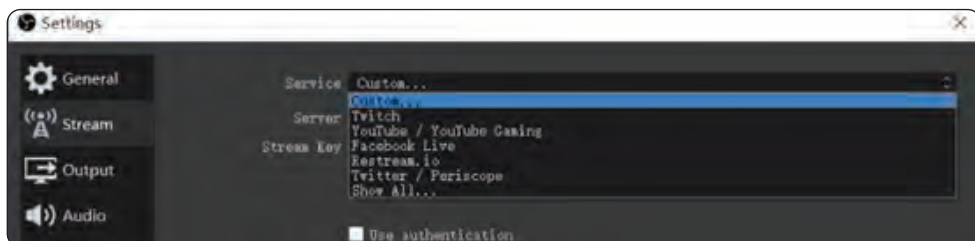


Streaming

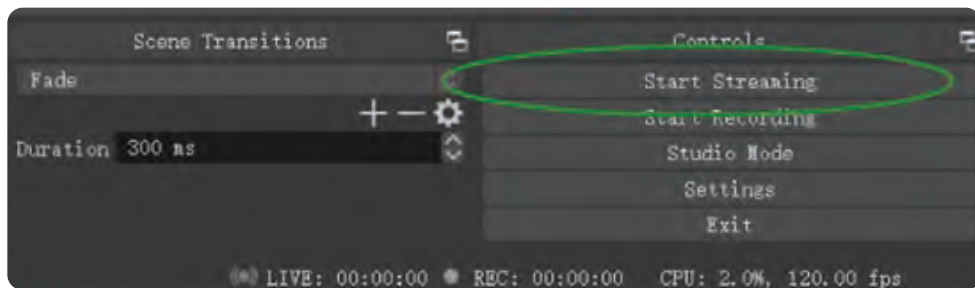
Set video quality for streaming (adjust depends your computer, network speed):



Set the service:



Click “Start streaming” to start:



Operating system

Windows® 10 x64

Laptop

For 4Kp30 or 1080p120 recording:

- Intel Core i7-7700HQ or above
- NVIDIA® GeForce® GTX1050 Ti or above
- 8 GB*

For 1080p60 recording:

- Intel Core i7-4810MQ
- NVIDIA® GeForce® GTX 870M or above
- 8 GB

Desktop

For 4Kp30 or 1080p120 recording:

- Intel® Core™ i5-6XXX / AMD Ryzen™ 3 XXX or above
- NVIDIA® GTX 1060 / AMD RX 5700 or above
- 8 GB*

For 1080p60 recording:

- Intel® Core™ i5-3330 or above (i7-3770 recommended)
- NVIDIA® GeForce® GTX 650 / AMD Radeon™ R7 250X or above
- 4 GB
- * RAM must be DDR4 2400 or above

Mac system requirement

Operating system:

MacOS High Sierra 10.15 and above

Mac Thunderbolt 3 For 4Kp30 or 1080p120 Recording

iMac 2019:

- 3.2GHz 6-core Intel Core i7
- Radeon Pro 555X with 2GB of GDDR5 memory
- 16GB of 2400MHz DDR4 memory

MacBook Pro 2018:

- 2.6GHz 6-core Intel Core i7
- Radeon Pro 560X with 4GB of GDDR5 memory and above
- 16GB 2400MHz DDR4 memory

PYLE

PyleUSA.com



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Questions? Issues?

We are here to help!

Phone: (1) 718-535-1800

Email: support@pyleusa.com