



# ClonerAlliance Flint LX User Manual



# **ClonerAlliance Flint LX User Manual**

This documentation describes how to use ClonerAlliance Flint LX (Model: CA-1080FL) device.

## **Copyright Notice**

Copyright © ClonerAlliance® Inc. All rights reserved.

## **Documentation Version 1.1**

No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual, or otherwise, without the prior written permission of ClonerAlliance® Inc.

## **Trademarks**

HDML® is a registered trademark of ClonerAlliance® Inc.

# Safety Notices

**Before using ClonerAlliance Flint LX, please ensure that you read and understand the safety precautions below:**

1. Do not attempt to open the case of ClonerAlliance Flint LX or modify it in any way, as this will void the warranty.
2. Keep ClonerAlliance Flint LX away from water and other liquids, as this may cause the unit to malfunction.
3. ClonerAlliance Flint LX may become warm during use. This does not indicate malfunction.
4. Do not place heavy objects on ClonerAlliance Flint LX, as this may cause the unit to overheat and malfunction.
5. If the exterior of ClonerAlliance Flint LX requires cleaning, wipe it with a soft dry cloth.
6. Do not dispose of the unit via conventional domestic waste.



# HDCP

A large red prohibition sign (a circle with a diagonal cross) is overlaid on the right side of the "HDCP" text, indicating that HDCP is not supported or is prohibited.

## **Warning:**

All ClonerAlliance products do NOT support to display or capture HDCP protected content.

According to the DMCA (Digital Millennium Copyright Act, 17 U.S.C. § 1201), it is illegal to bypass the HDCP protection by using HDMI capture devices.

If you violate the above laws, you may face a lawsuit.

# CONTENTS

<b>1</b>	<b>Getting Started</b>	<b>1</b>
1.1	Box Contents .....	1
1.2	Product Diagram.....	2
<b>2</b>	<b>Software Installation</b>	<b>4</b>
2.1	Install and register HDML-Cloner Pro Helper (Windows Users) .....	4
2.2	Install OBS Studio (Windows, Mac, and Linux Users) .....	7
<b>3</b>	<b>Record/capture videos to PC.</b>	<b>9</b>
3.1	Connect.....	9
3.2	Record/Capture for Windows users .....	13
3.3	Record/Capture for Mac OS users .....	19
3.4	Record/Capture for Linux users .....	21
<b>4</b>	<b>Record/capture game console with PC.</b>	<b>27</b>
4.1	Connect.....	27
4.2	Record/capture game console videos to PC .....	31
<b>5</b>	<b>Play game console on PC without TV</b>	<b>32</b>
5.1	Connect.....	32
5.2	Play game console for Windows users .....	33
5.3	Play game console for Mac OS users .....	35
5.4	Play game console for Linux users.....	37
<b>6</b>	<b>Record/capture videos to mobile.</b>	<b>43</b>
6.1	Connect.....	43
6.2	Record/Capture with ClonerAlliance App .....	46

**7 Preview videos for live streaming.** 50

7.1 Connect.....50

7.2 Install software .....51

7.3 Setting for preview video .....52

**8 Frequently Asked Questions** 56

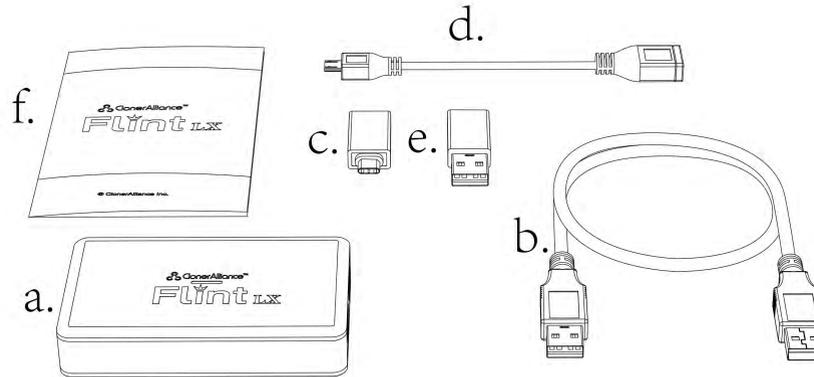
**9 Product Specifications** 67

**10 After Sales Warranty** 68

**11 Contact Us** 69

**12 Disclaimer** 70

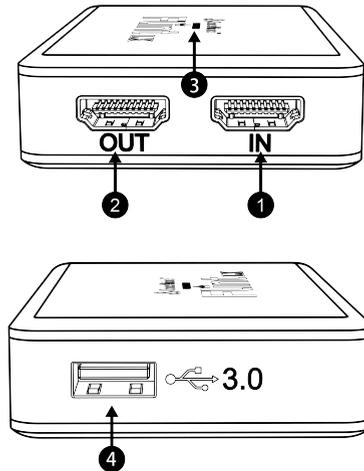
## 1.1 Box Contents



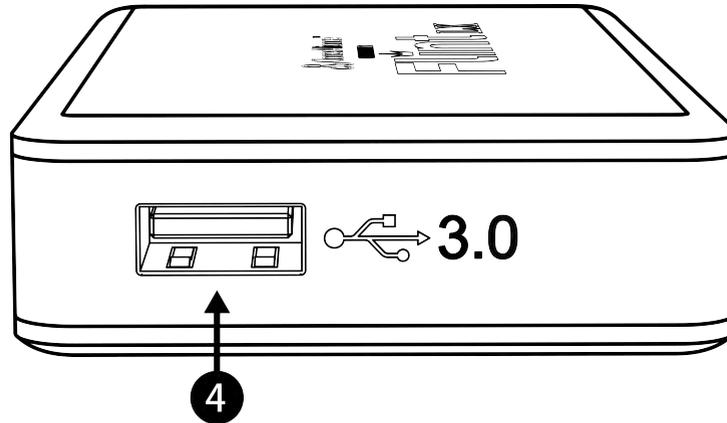
- a. ClonerAlliance Flint LX
- b. USB3.0 cable
- c. USB3.0(female) to USB Type-C connector

- d. USB2.0(female) to USB Micro-B OTG cable
- e. USB2.0 Type-A female to male connector
- f. User Manual

## 1.2 Product Diagram



1. In: HDMI input port. Connect an HDMI cable between the source video player and ClonerAlliance Flint LX.
2. Out: HDMI output port. Connect an HDMI cable between ClonerAlliance Flint LX and TV.
3. LED: Stable Green indicates ClonerAlliance Flint LX is powered on and Green/Yellow blinks alternately means it is in working mode.



4. USB3.0: Connect an USB 3.0 cable between ClonerAlliance Flint LX and PC.

# SOFTWARE INSTALLATION

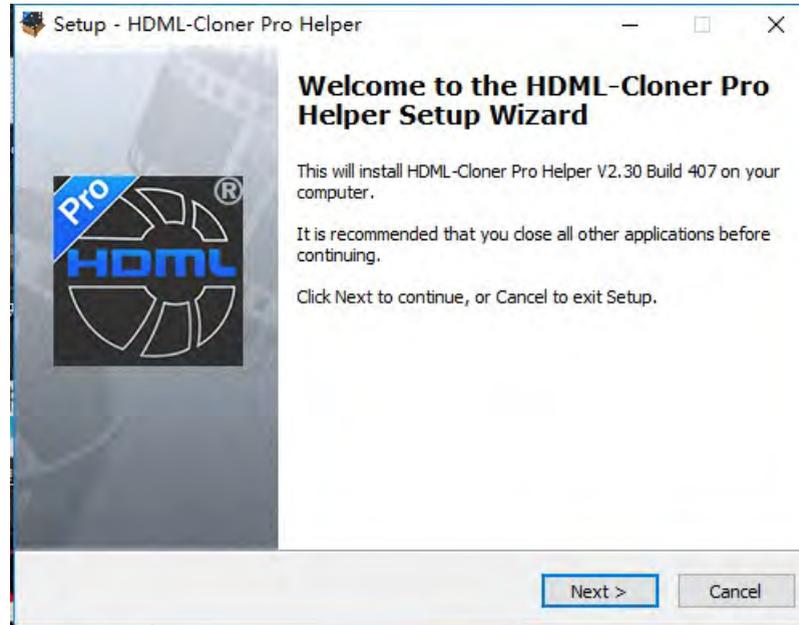
## 2.1 Install and register HDML-Cloner Pro Helper (Windows Users)

### 1. Install HDML-Cloner Pro Helper

HDML-Cloner Pro Helper is a smart program to record video discs, game videos, homemade videos or anything from any video source under Windows OS working together with ClonerAlliance Flint LX.

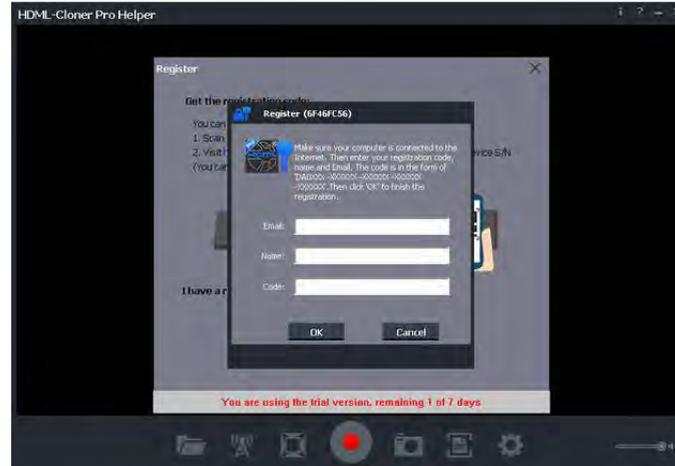
- Download HDML-Cloner Pro Helper software from <https://static.cloner-alliance.com/download/hdml-cloner-pro.exe>
- Double click the installation file and the setup wizard window will pop up. Follow the installation wizard to complete the installation process. You do not have to restart your computer after the installation is complete.

**Note:** Prior to installing HDML-Cloner Pro Helper, please make sure you are using Windows 7 or later versions and your PC is equipped with USB 2.0 or 3.0 port.



## 2. Register HDML-Cloner Pro Helper

Please register HDML-Cloner Pro Helper first before using, otherwise it can only be used for 7 days. Launch HDML-Cloner Pro Helper. Click "Input registration code" button in the auto pop-up Register window. Fill in your proper Email address, real name and code. Then click "OK" to finish the registration.



- Obtain the registration code of HDML-Cloner Pro Helper.

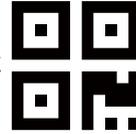
Scan the QR code below to get the code directly. Or visit <https://www.cloner-alliance.com/register>, fill in your product S/N. You will get a registration code directly. It is advised that you input your correct email address to receive the registration code at the same time. You may use the registration code, name and your email address to register HDML-Cloner Pro Helper. MP4-Cloner will be registered automatically.

If you get trouble in the process, don't be discouraged, just send us a message to [support@cloner-alliance.com](mailto:support@cloner-alliance.com) with your S/N and your order ID. Our support will send you the code directly.

For more details about registering HDML-Cloner Pro Helper, visit [here](#) to read step by step instructions.



**Do not miss out**  
Scan QR code to  
register and get FREE  
bundled softwares.



[www.cloner-alliance.com/register](http://www.cloner-alliance.com/register)

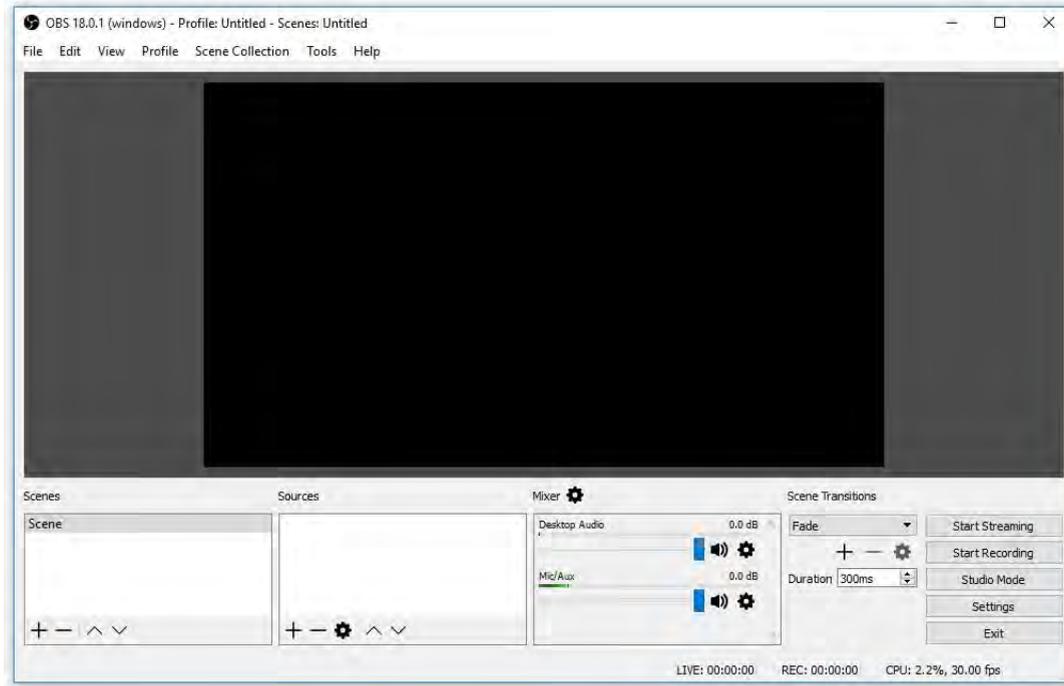
(a)  
[Click Here](#)

## 2.2 Install OBS Studio (Windows, Mac, and Linux Users)

Open Broadcaster Software is a Free and open source software for video recording and live streaming. Download and start streaming quickly and easily on Windows, Mac or Linux.

Please install Open Broadcaster Software (OBS Studio) and run it on your computer.

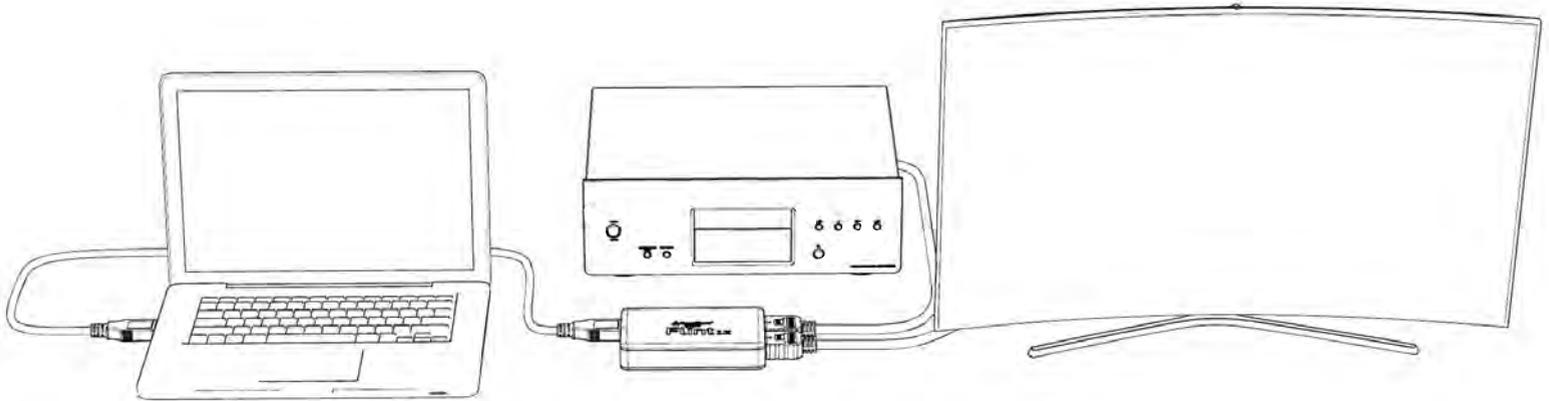
**Tip:** You can click [here](#) to download Open Broadcaster Software (OBS Studio).



# RECORD/CAPTURE VIDEOS TO PC.

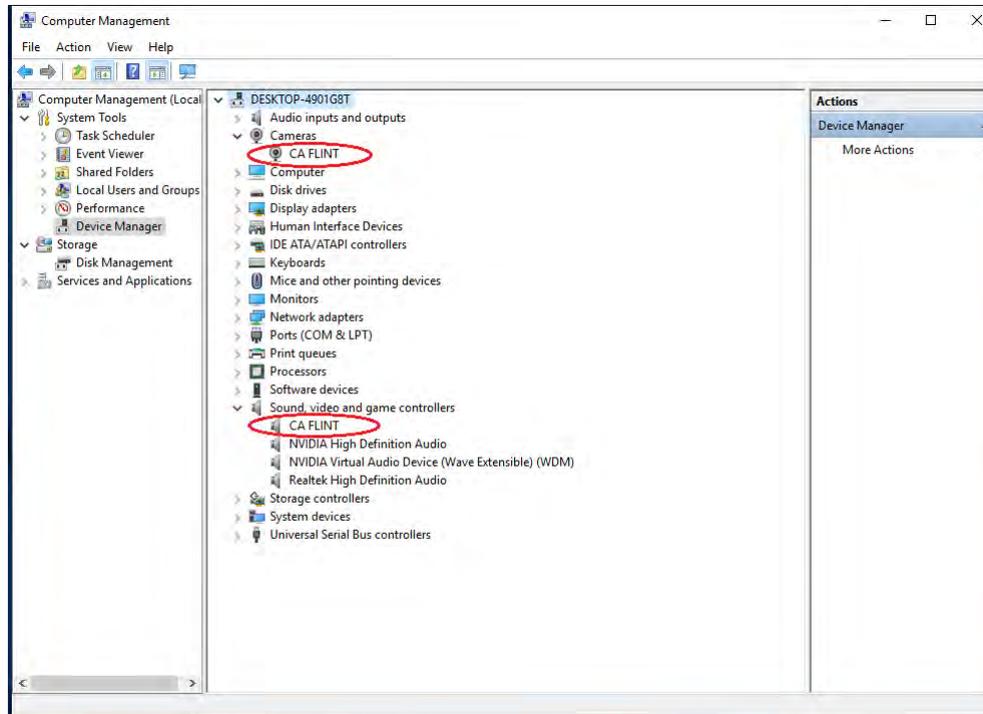
## 3.1 Connect

1. Connect the video player to the “IN” port on ClonerAlliance Flint LX via an HDMI cable.
2. Connect the TV to the “OUTPUT” port on ClonerAlliance Flint LX via an HDMI cable.
3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.



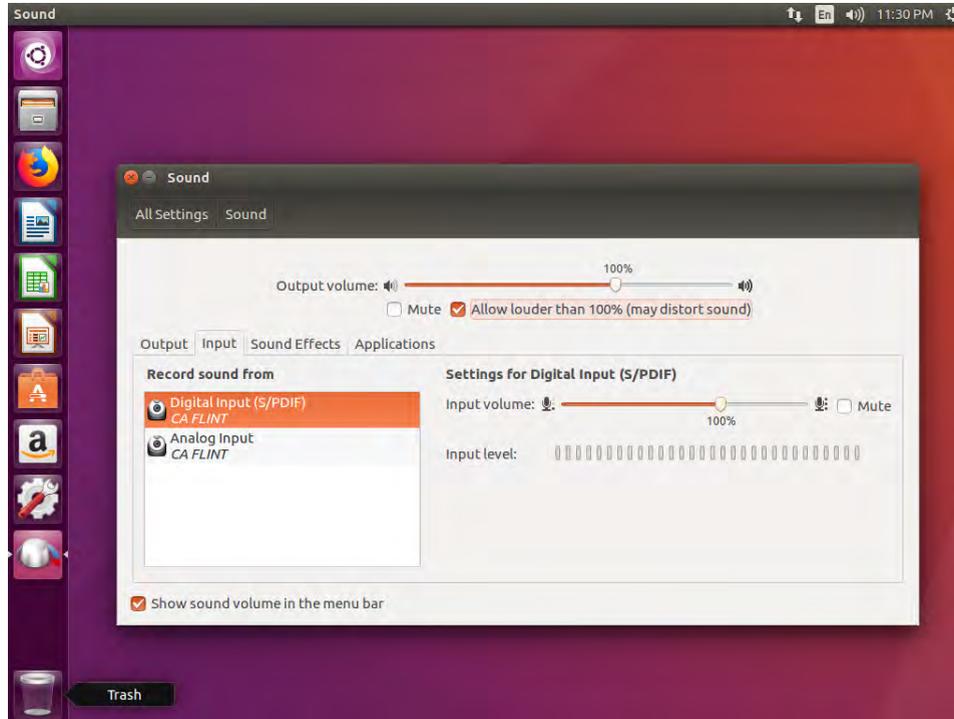
- For Windows

After all devices are connected properly, when you power on all devices, go to “Device manager”, it will show “CA FLINT” under “Cameras” and “Sound, video and game controllers” :



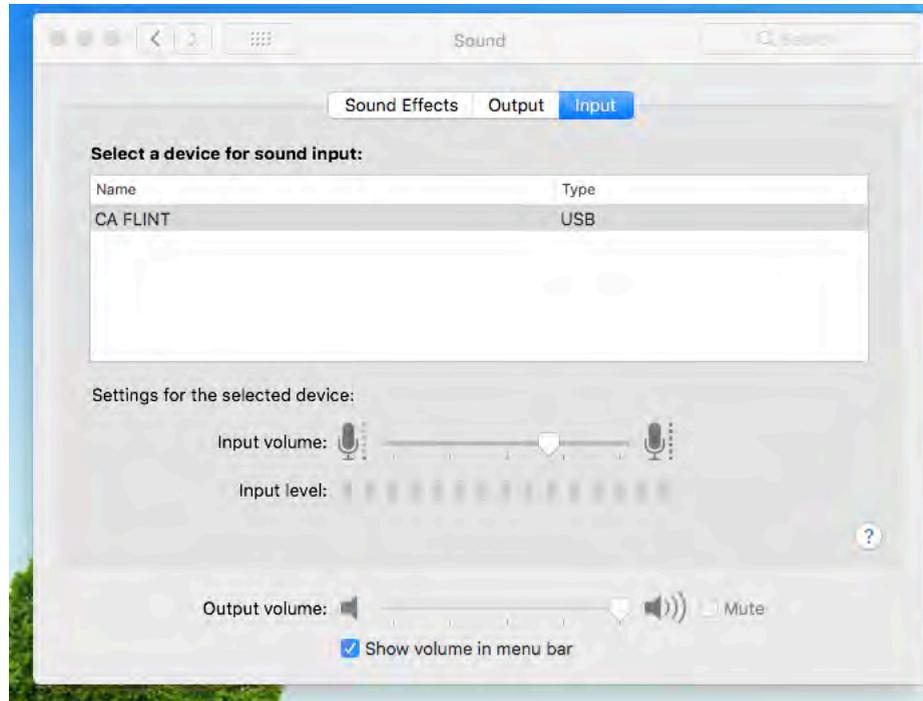
- For Linux

Connect ClonerAlliance Flint LX to PC via USB 3.0 cable, go to the “Sound/Input”, it will show it as “CA Flint” in the list.



- For Mac OS

Connect ClonerAlliance Flint LX to Mac, go to “Settings/Sound/Input” it also shows “CA Flint LX Audio Device” among the list.



## **3.2 Record/Capture for Windows users**

Please download HDML-Cloner Pro Helper software and install it on your PC first.

See details about *Install and register HDML-Cloner Pro Helper (Windows Users)*

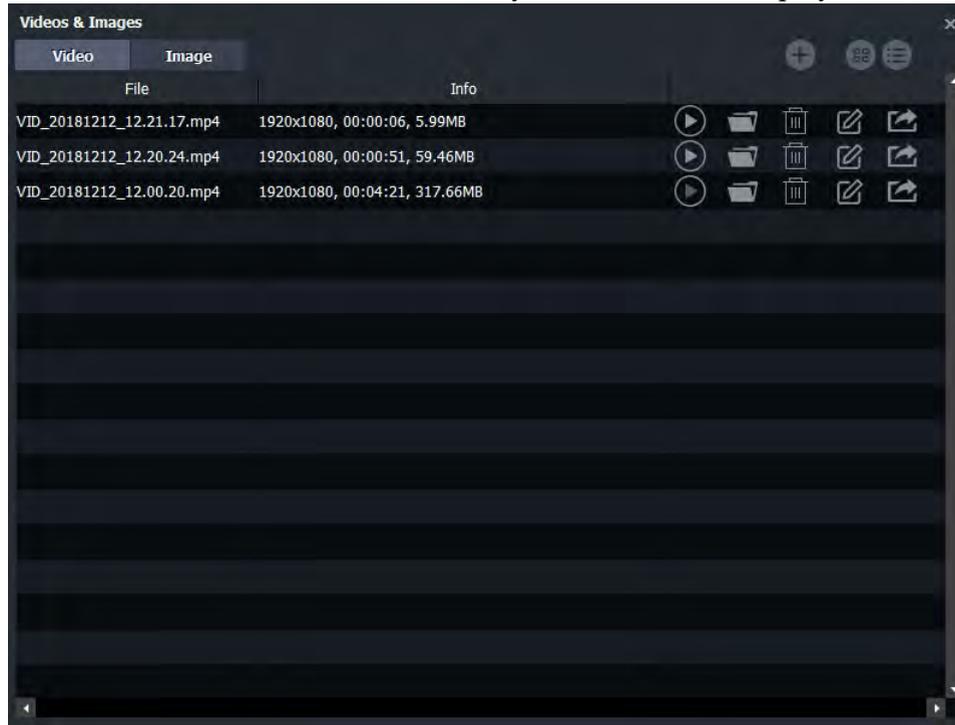
1. After all devices are connected properly, insert the video disc into the drive of the video player and run HDML-Cloner Pro Helper.

2. Click  to start recording.

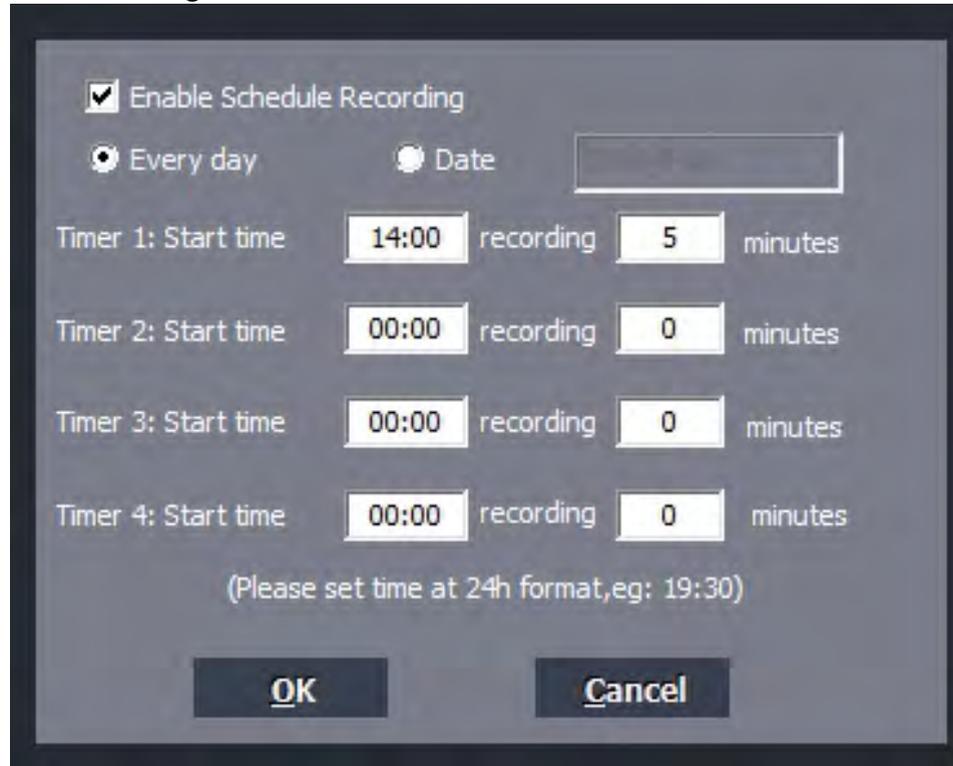
3. Click  to stop recording. Tip: During recording, you can also click  to pause at anytime. When you want to resume, please click  to continue recording. Besides, you can Click  to take screenshots, click  to capture GIF animation. Please click  to use "Video Broadcast Share".

Software interfaces may vary depending on the version.

4. After recording, click  to view the recorded video. Then you can click  to play back the video directly.



HDML-Cloner Pro Helper also supports recording videos at the scheduled time. Click  to enter the "Setup" window. Then click the "Schedule Recording" button.



Enable Schedule Recording

Every day       Date     

Timer 1: Start time  recording  minutes

Timer 2: Start time  recording  minutes

Timer 3: Start time  recording  minutes

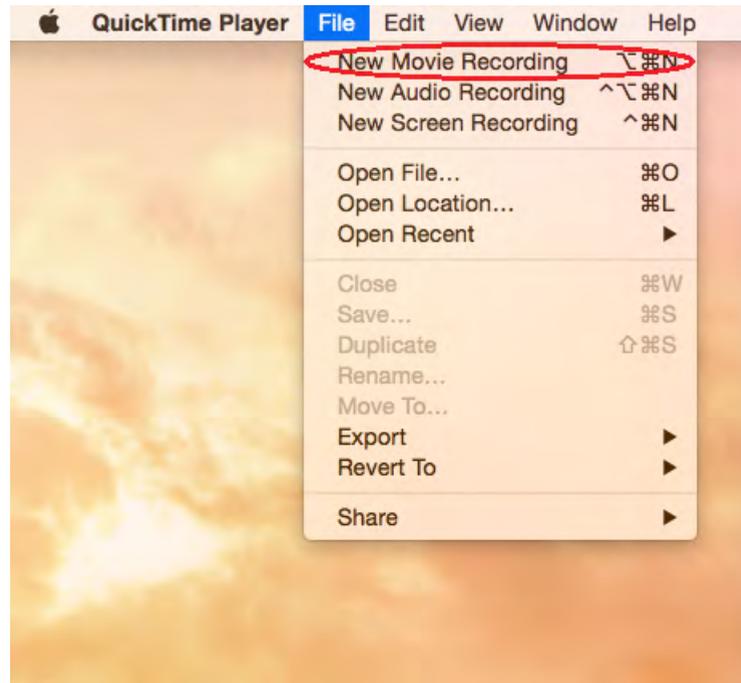
Timer 4: Start time  recording  minutes

(Please set time at 24h format, eg: 19:30)

Please enable schedule recording first, and set the Start time and duration for schedule recording. Then click “OK” . Then videos will be recorded automatically at the scheduled time.

## 3.3 Record/Capture for Mac OS users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch Quick Time Player.



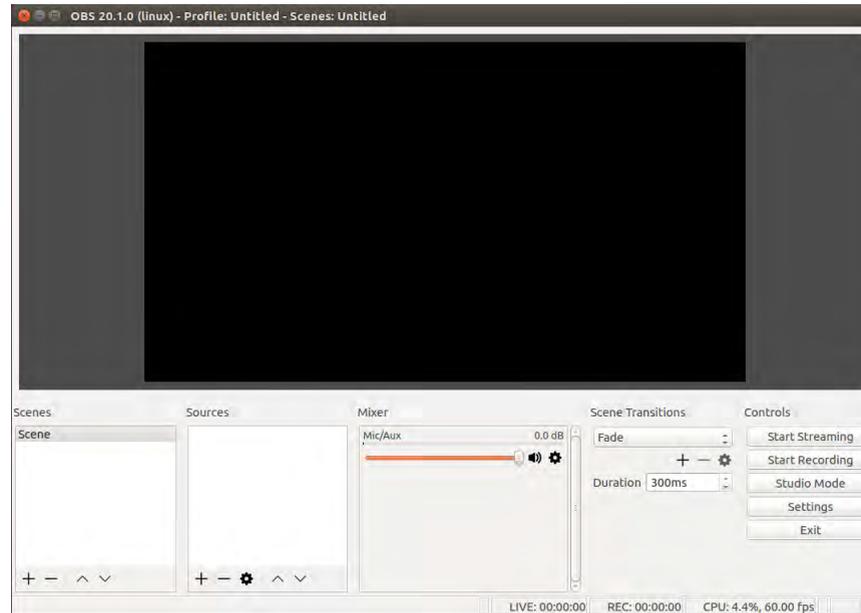
2. Set up Camera/Microphone/Quality as following:



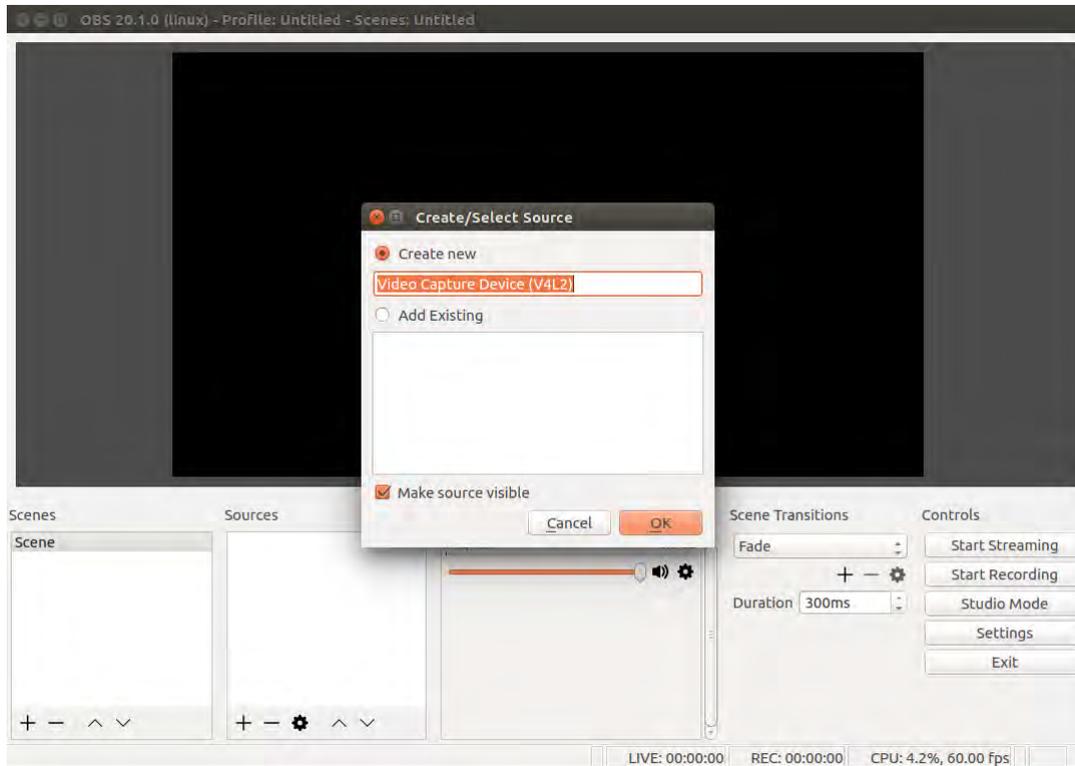
3. You can capture your movie now.

## 3.4 Record/Capture for Linux users

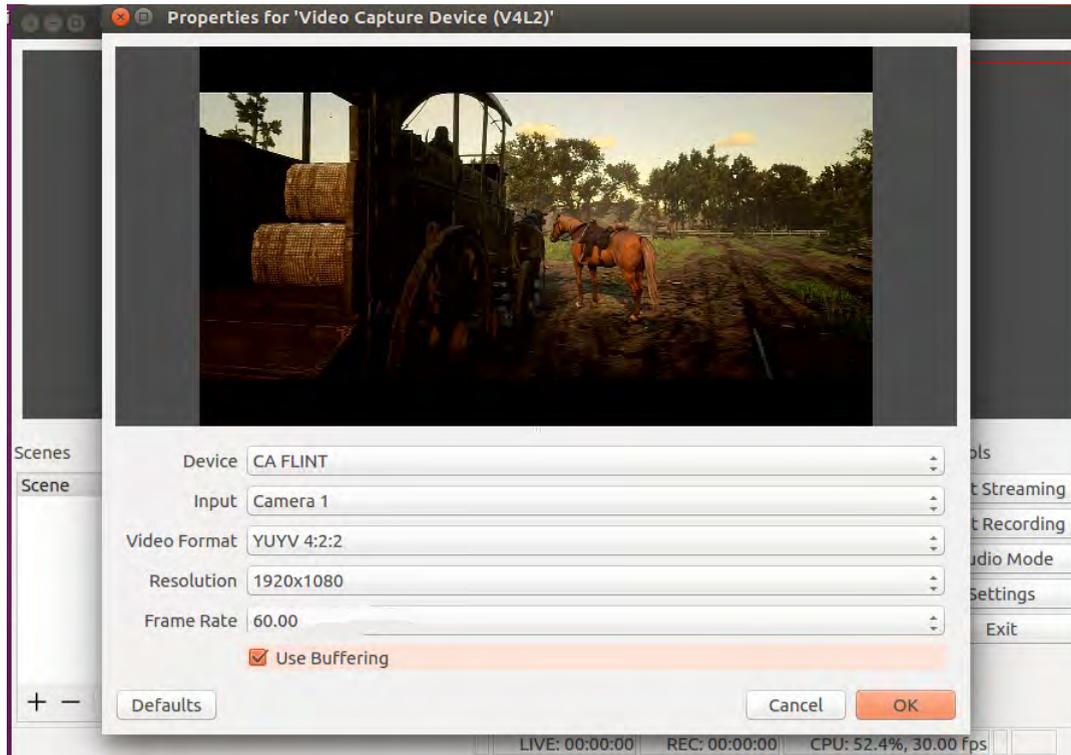
1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.



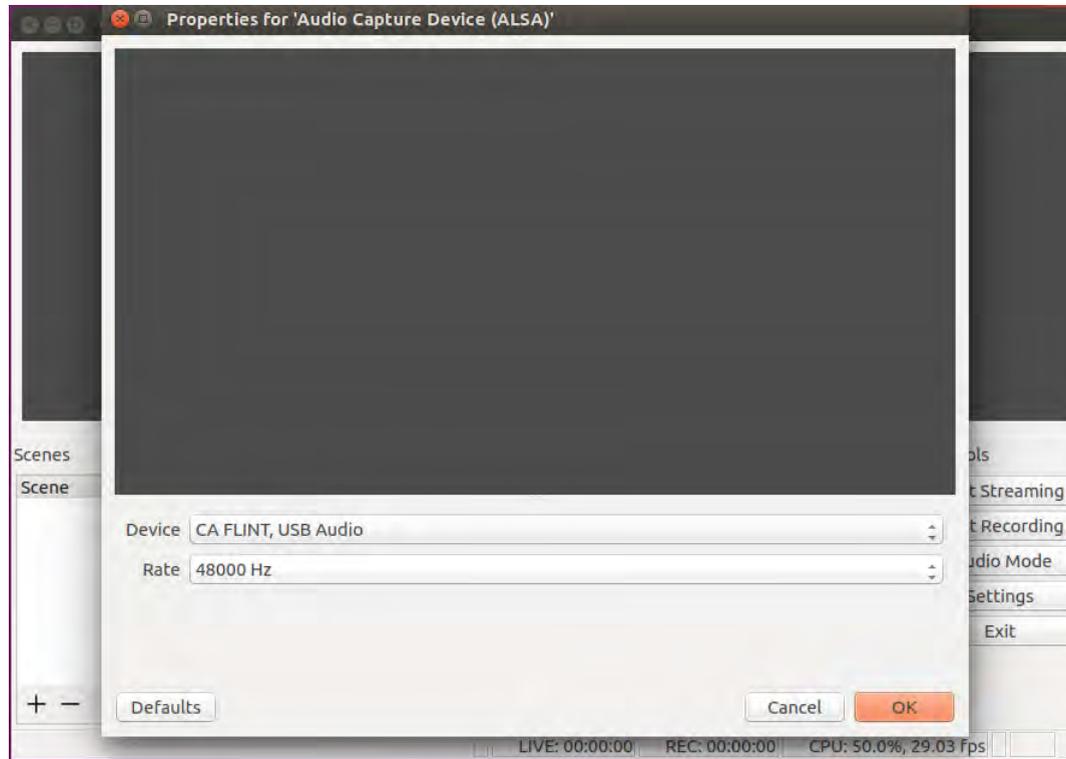
2. In source column, click “+” to add video capture device:



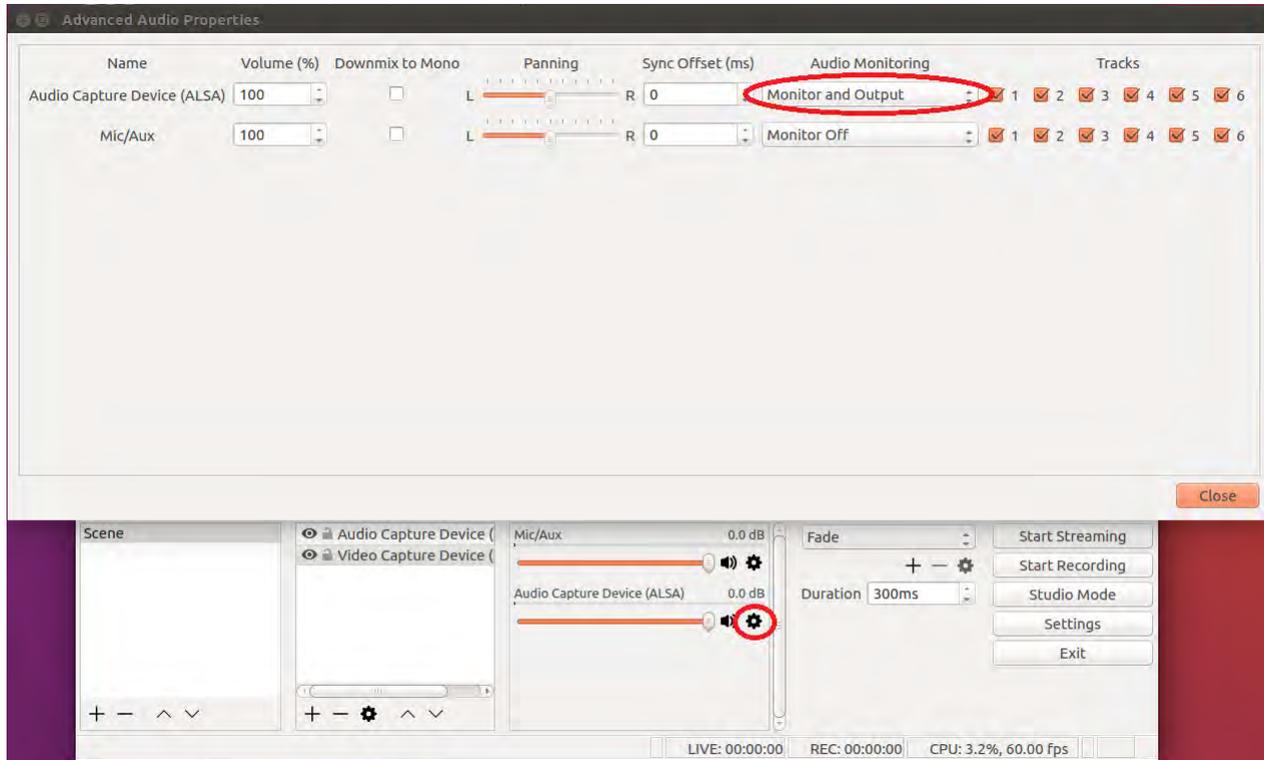
3. Please set up as following:



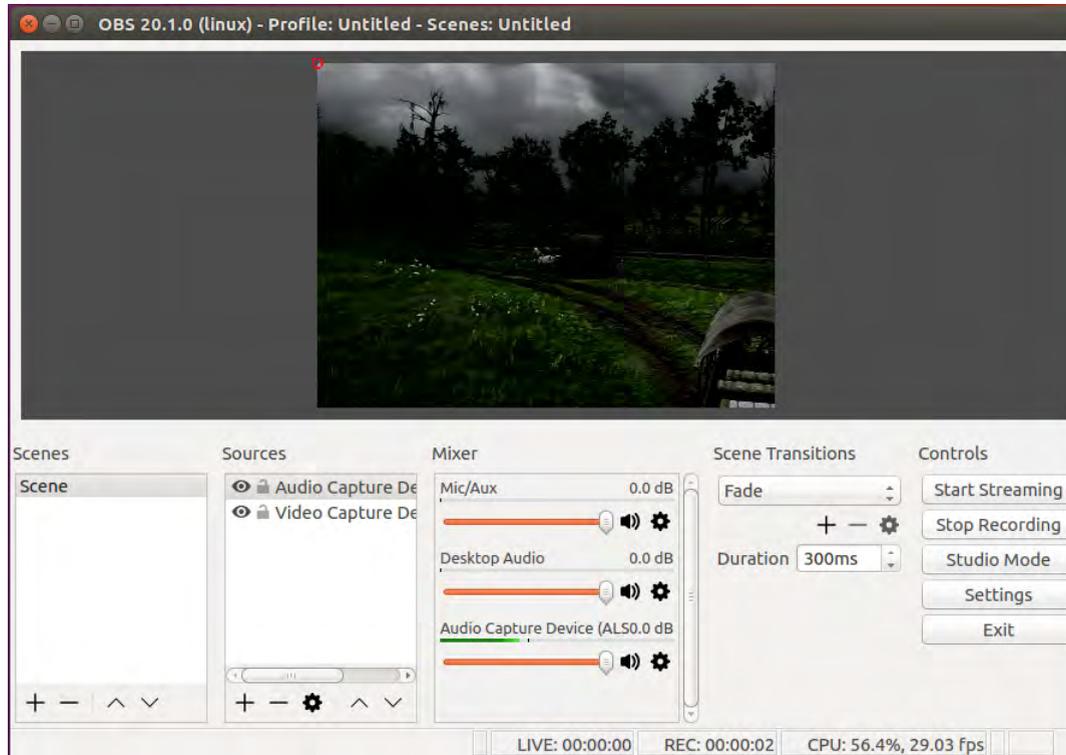
4. In source column, click “+” to add audio capture device:



5. If you need to monitor the audio during preview/recording, please also modify the settings in advanced audio properties:



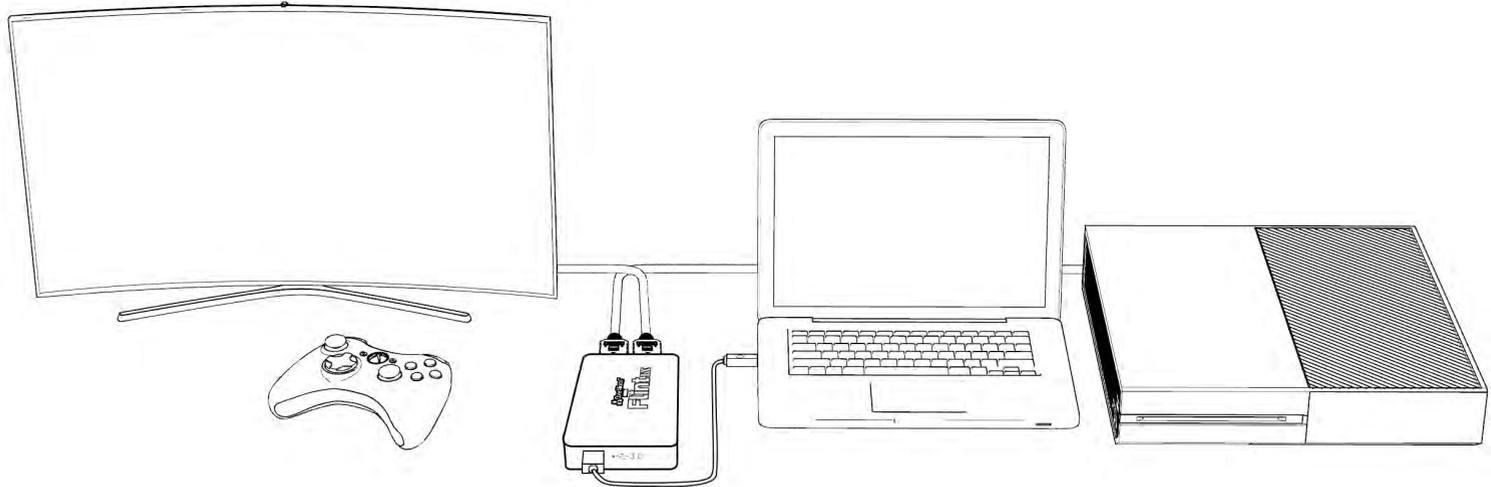
6. Now you can start recording and streaming.



# RECORD/CAPTURE GAME CONSOLE WITH PC.

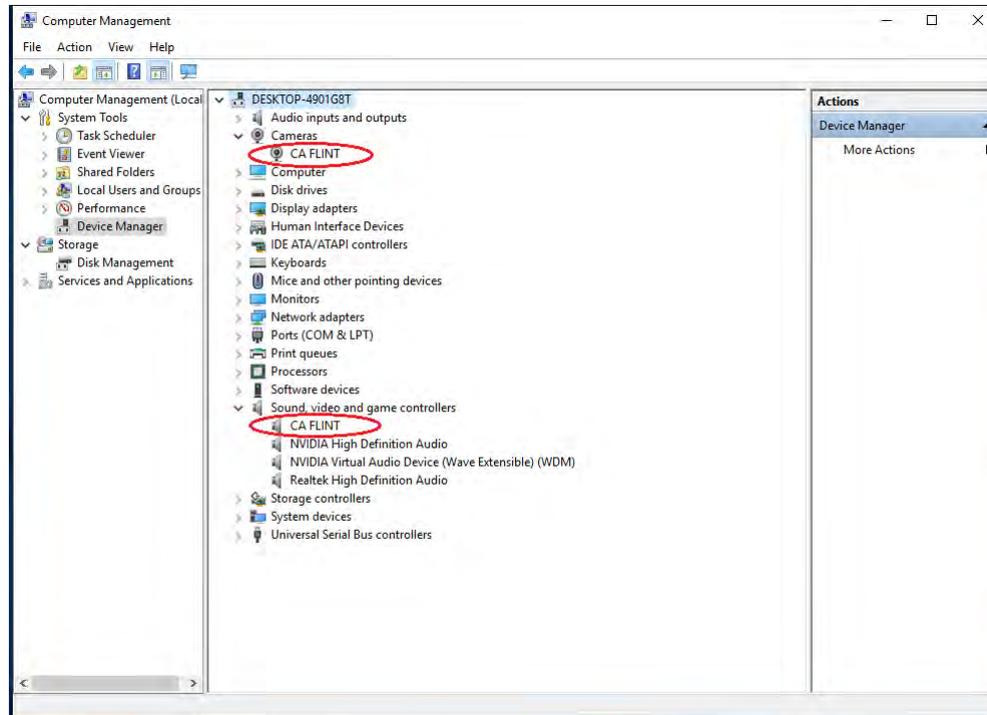
## 4.1 Connect

1. Connect the game console to the “IN” port on ClonerAlliance Flint LX via an HDMI cable.
2. Connect the TV to the “OUTPUT” port on ClonerAlliance Flint LX via an HDMI cable.
3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.



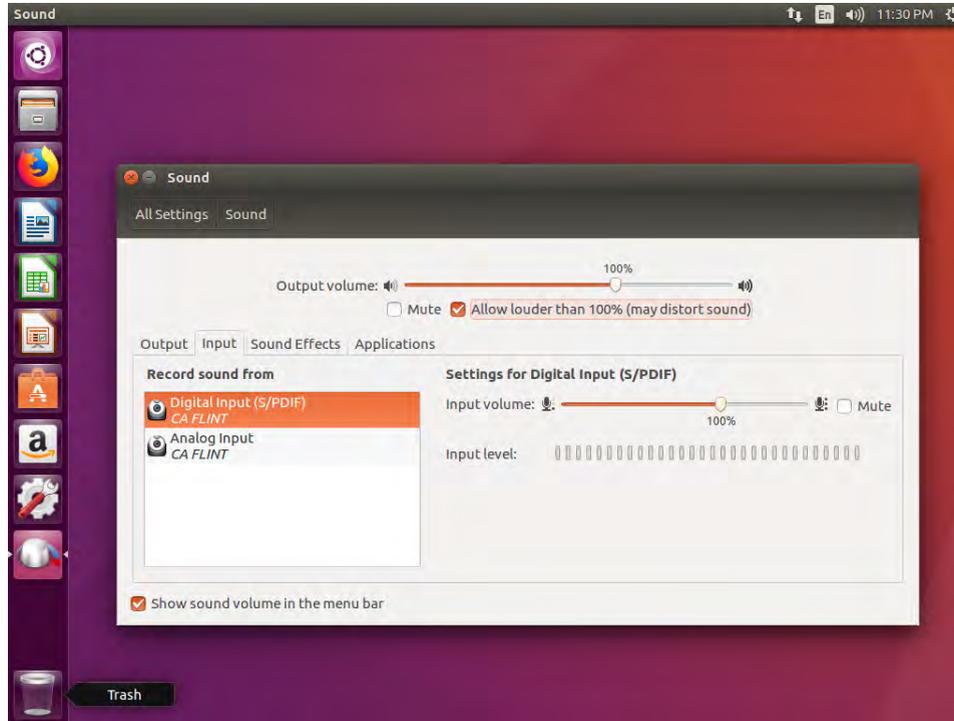
- For Windows

After all devices are connected properly, when you power on all devices, go to “Device manager”, it will show “CA Flint” under “Cameras” and “Sound, video and game controllers” :



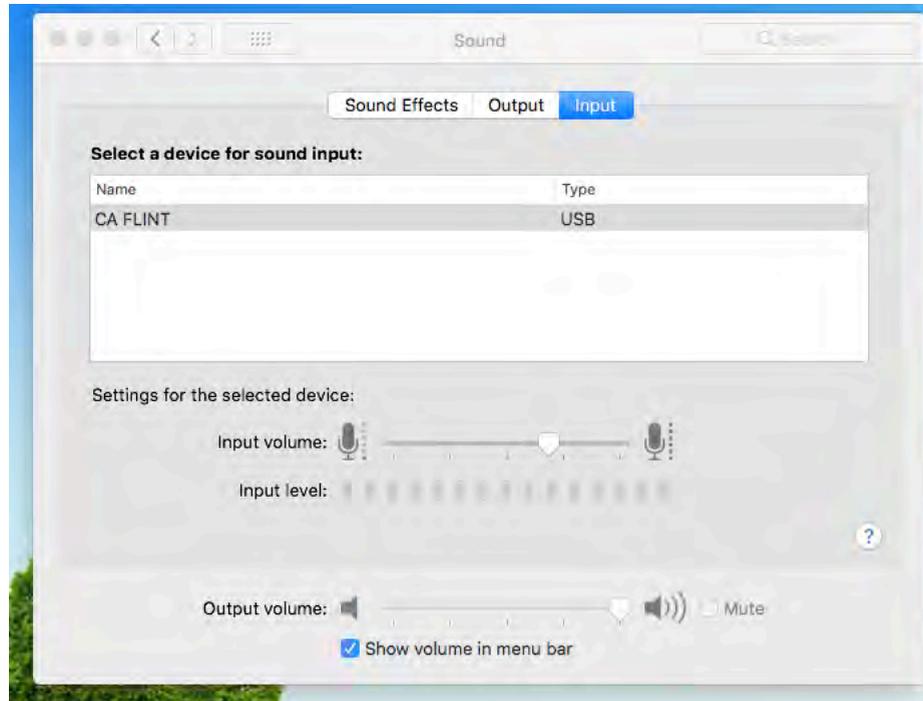
- For Linux

Connect ClonerAlliance Flint LX to PC via USB 3.0 cable, go to the “Sound/Input”, it will show it as “CA Flint” in the list.



- For Mac OS

Connect ClonerAlliance Flint LX to Mac, go to “Settings/Sound/Input” it also shows “CA Flint LX Audio Device” among the list.



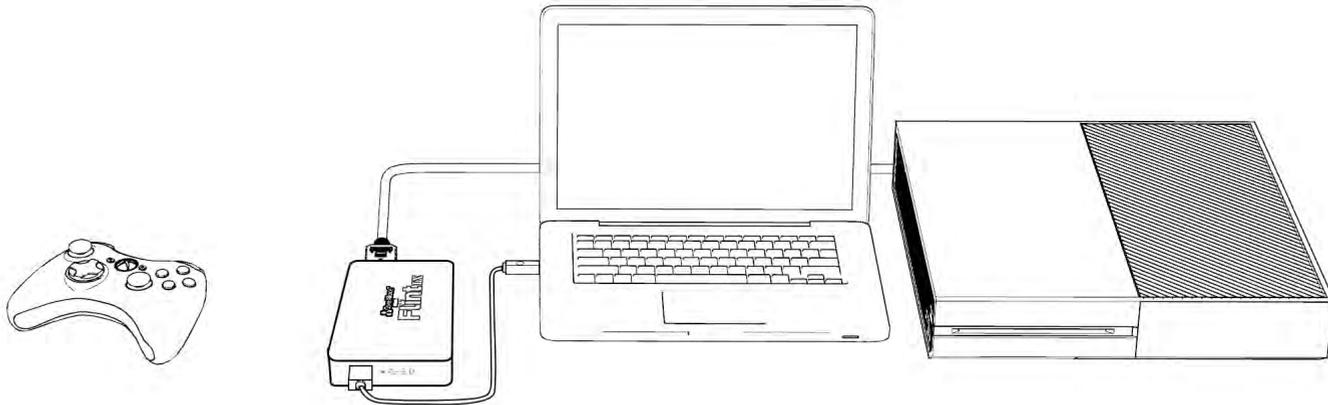
## 4.2 Record/capture game console videos to PC

You can see details about record/capture game console videos at *Record/capture videos to PC*.

# PLAY GAME CONSOLE ON PC WITHOUT TV

With ClonerAlliance Flint LX, you can use your PC' s screen to play game console. No TV required.

## 5.1 Connect



## **5.2 Play game console for Windows users**

Step 1:

Please download HDML-Cloner Pro Helper software and install it on your PC first.

See details about *Install and register HDML-Cloner Pro Helper (Windows Users)*

Step 2:

Please connect the USB cable of ClonerAlliance Flint LX to your PC.

Step 3:

Please connect game console to the HDMI port of ClonerAlliance Flint LX with HDMI cable then power up the game console.

Step 4:

Launch HDML-Cloner Pro Helper software, it will recognize ClonerAlliance Flint LX device automatically and show the game console' s screen after connected.

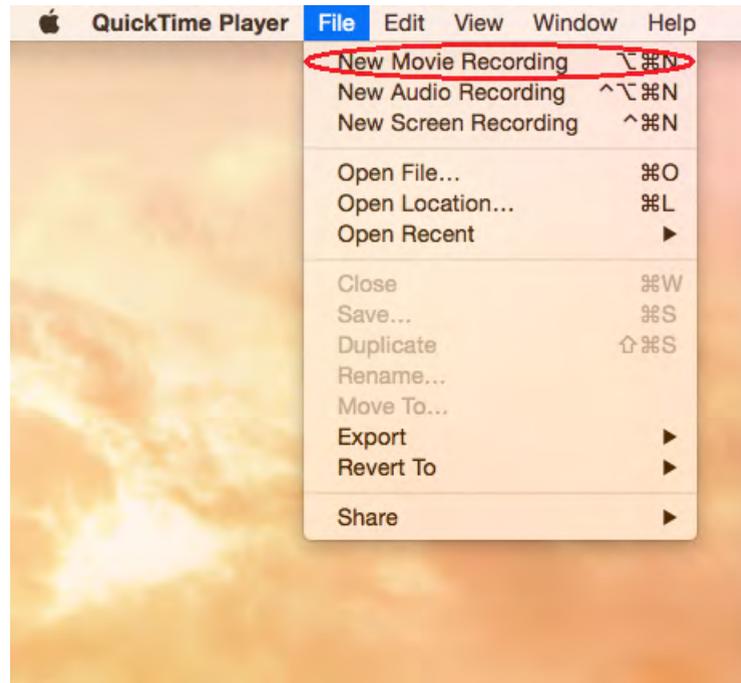


Note:

- ClonerAlliance Flint LX device supports up to 4K input resolution, and the output will be 1080p@60fps automatically.

## 5.3 Play game console for Mac OS users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch Quick Time Player.



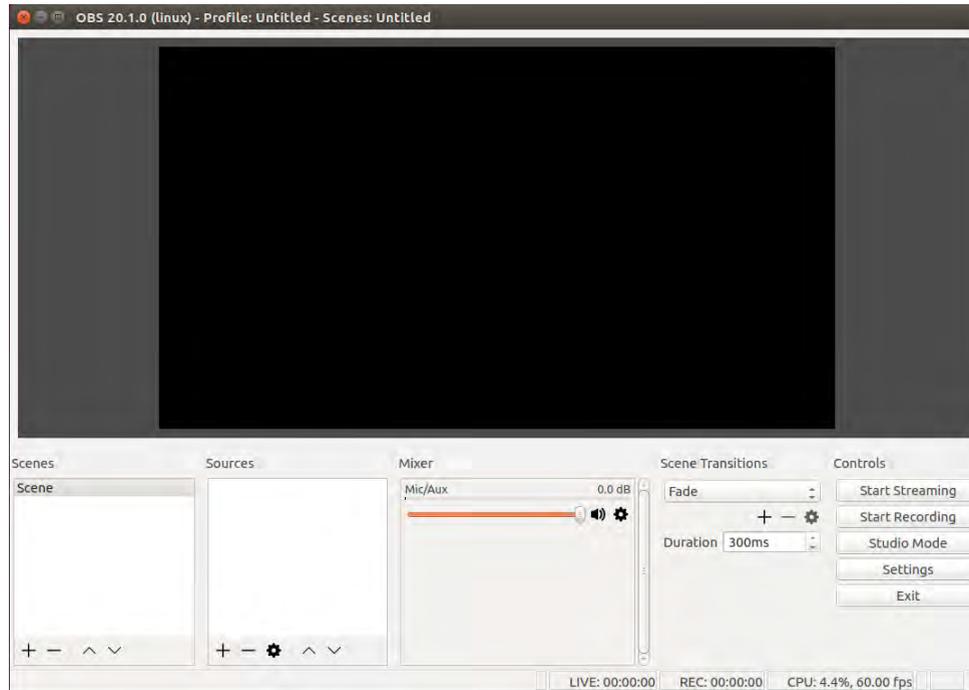
2. Please confirm the setting of Camera/Microphone/Quality as below.



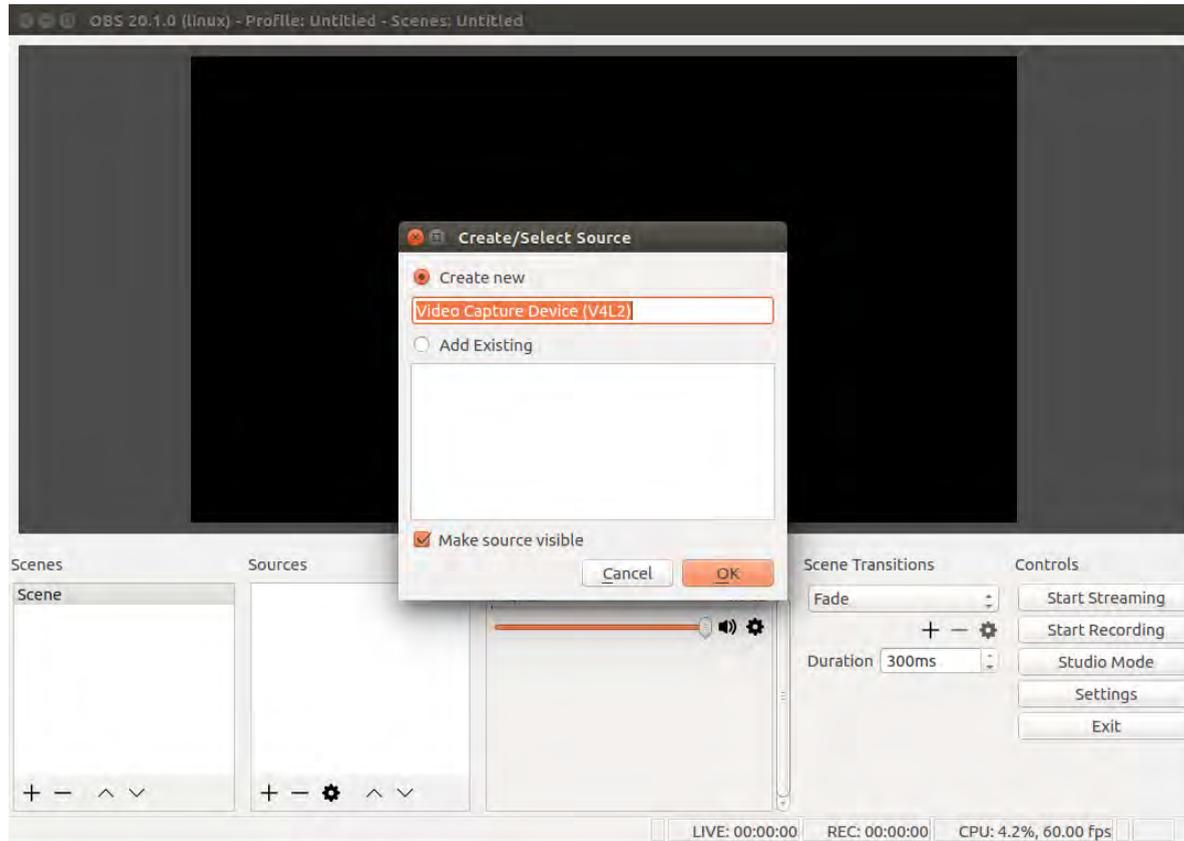
3. You can capture your game now.

## 5.4 Play game console for Linux users

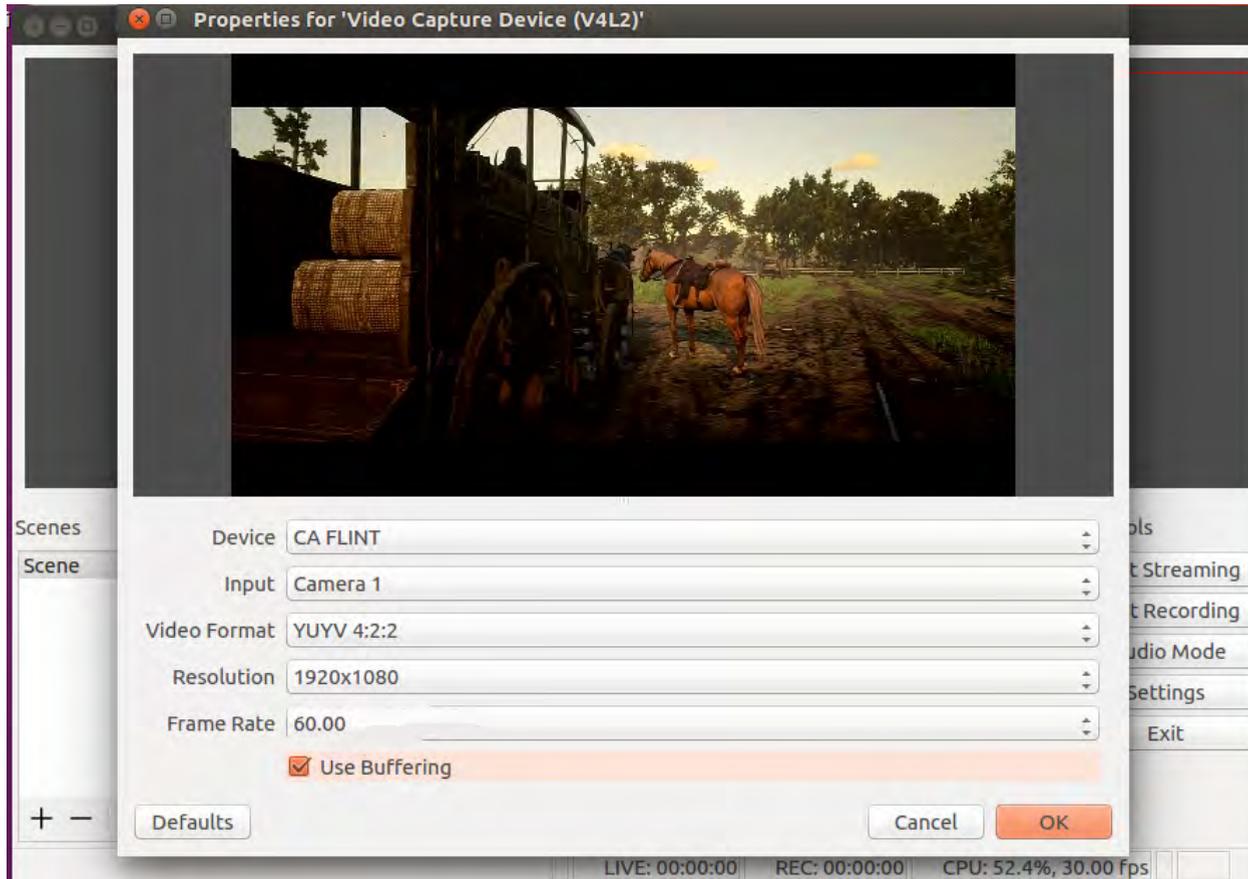
1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.



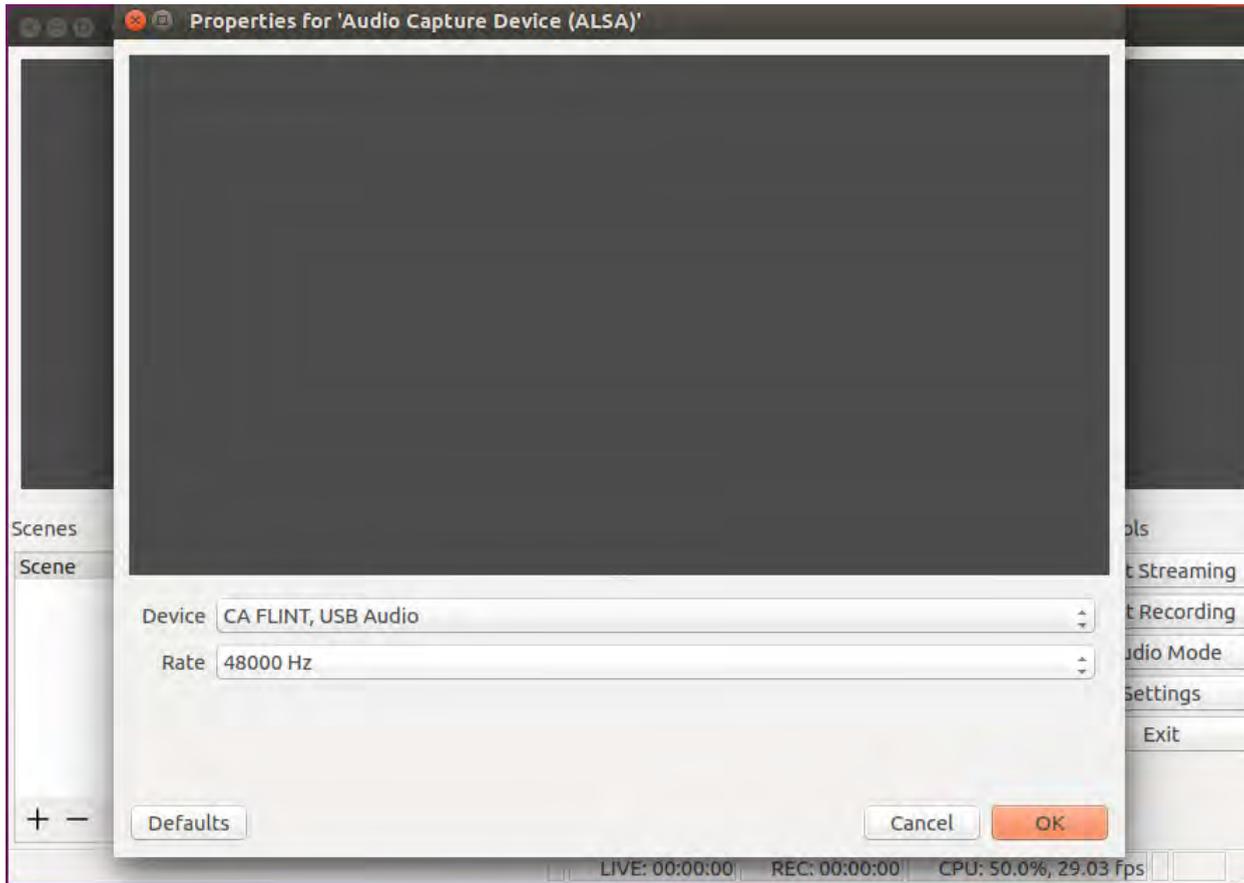
2. In source column, click “+” to add video capture device:



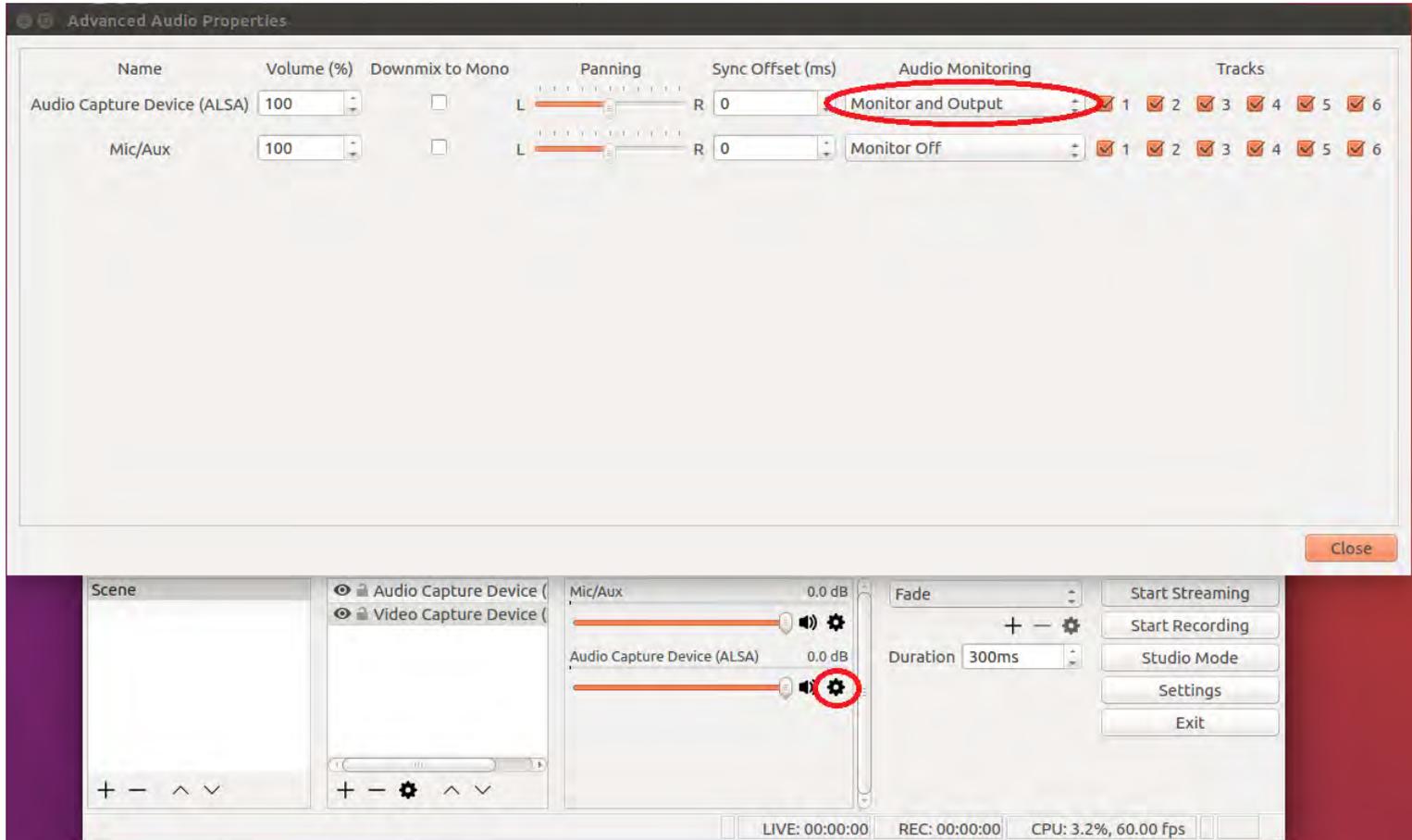
3. It's recommended that to use 60fps frame rate while game recording/streaming, please set up as following:



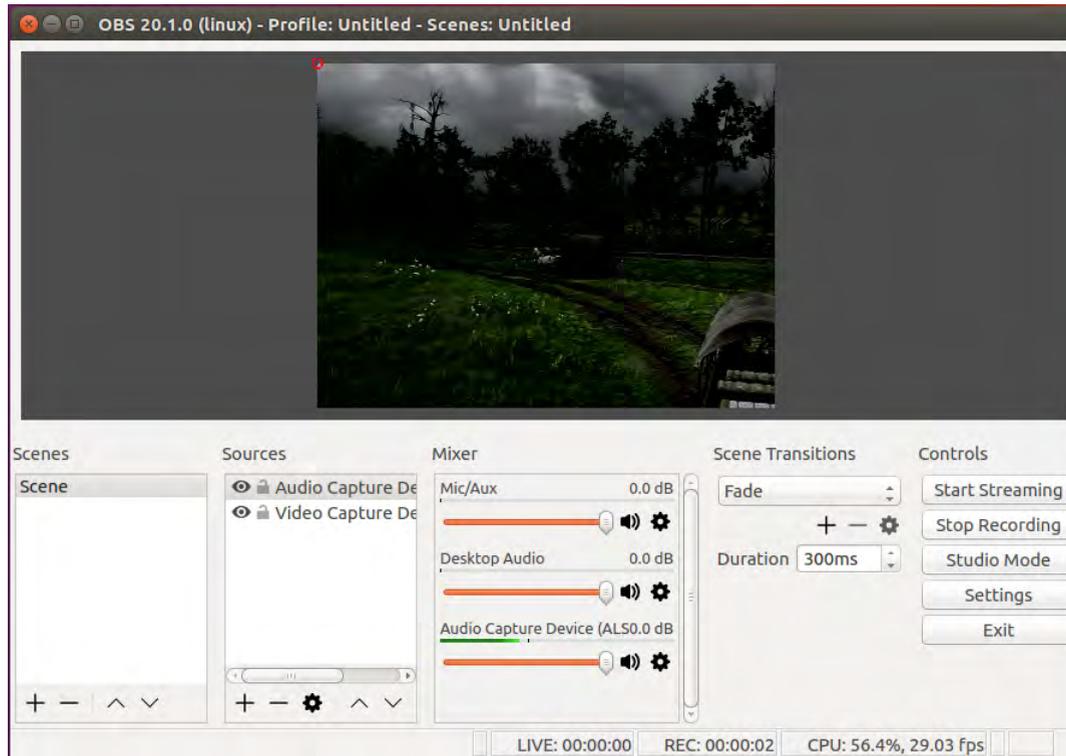
4. In source column, click “+” to add audio capture device:



5. If you need to monitor the audio during preview/recording, please also modify the settings in advanced audio properties:



6. Now you can start recording and streaming.



# RECORD/CAPTURE VIDEOS TO MOBILE.

- System Requirements

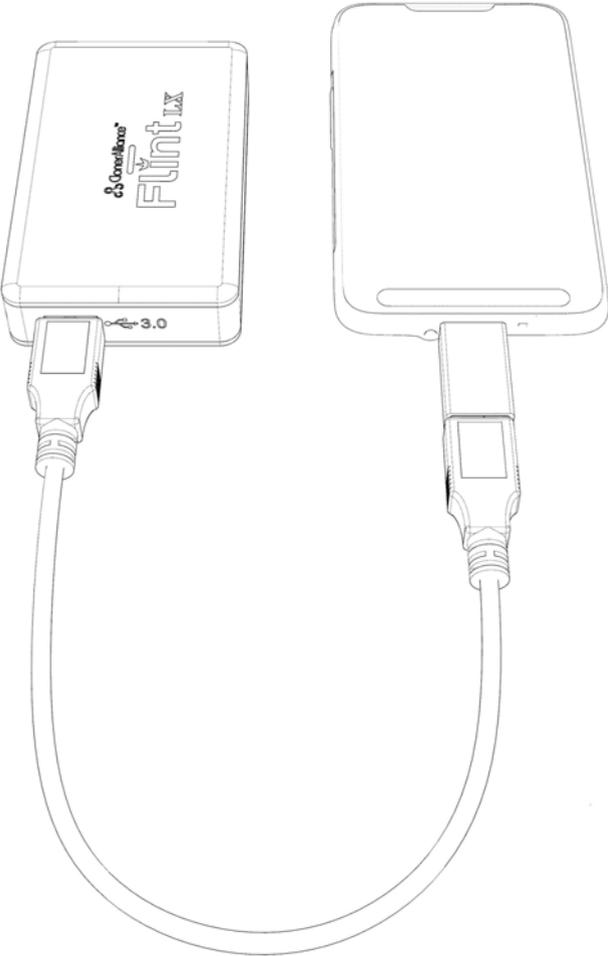
Android version 7.0 or above

## 6.1 Connect

1. Connect the video player to the “IN” port on ClonerAlliance Flint LX via an HDMI cable.
2. Connect ClonerAlliance Flint LX to Android phone with the USB2.0(female) to USB Micro-B OTG cable or USB type-A to type-C connector.

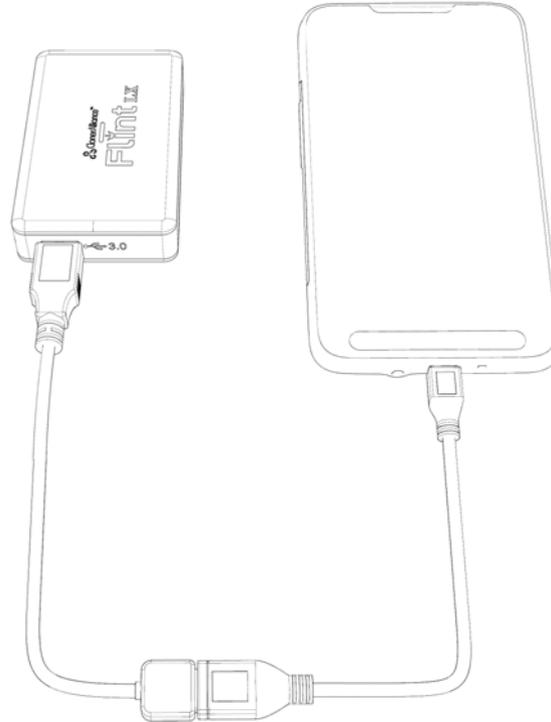
- For USB Type-C socket phone:

Please plug USB Type-C cable directly to your Android Phone.



- For USB Micro-B socket phone:

Please use USB Type-C (female) to USB (male) connector and Micro-B cable to connect to your Android phone.



## 6.2 Record/Capture with ClonerAlliance App

Step 1:

Please connect source device properly.

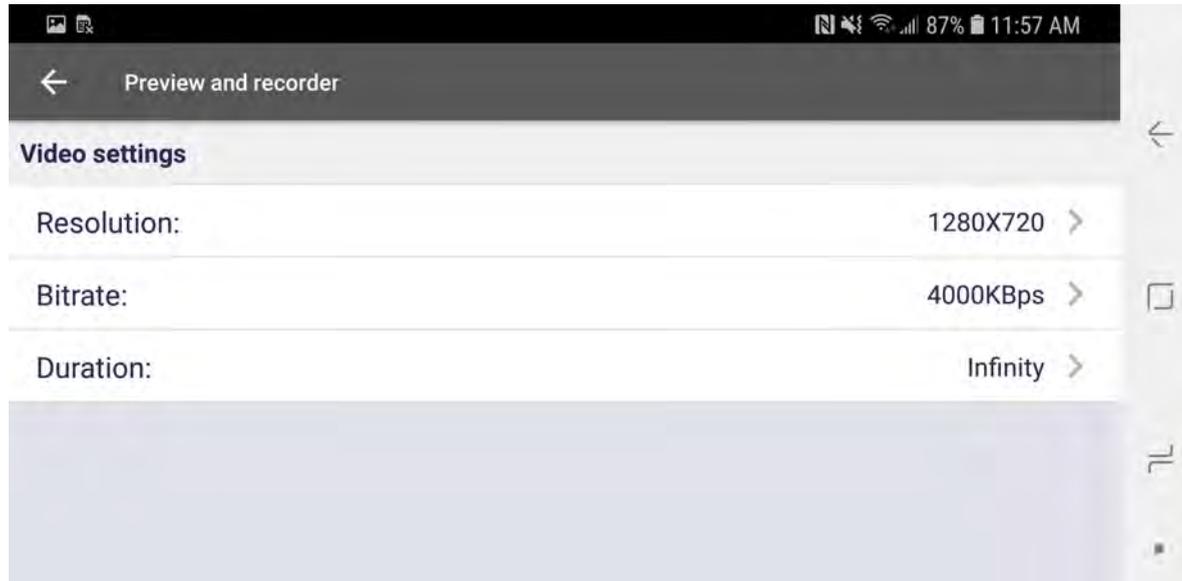
Step 2:

Please install [Cloner Alliance APP](#) on your phone and launch it after finishing installation. It will display source video on your phone.

Step 3:

Set up resolution, bitrate and duration (short video capture) by tapping Settings  and go in Video capture menu as fol-

Following picture shows:



## Video Capture

- Resolution: 1920\*1080; 1280\*720; 720\*480
- Bitrate: 100KBps-10000KBps
- Duration: 3min to infinity

Step 4:

Tap  then  to record video as configured in "Preview and recorder" and tap  to stop recording (short video will stop automatically as duration configured).

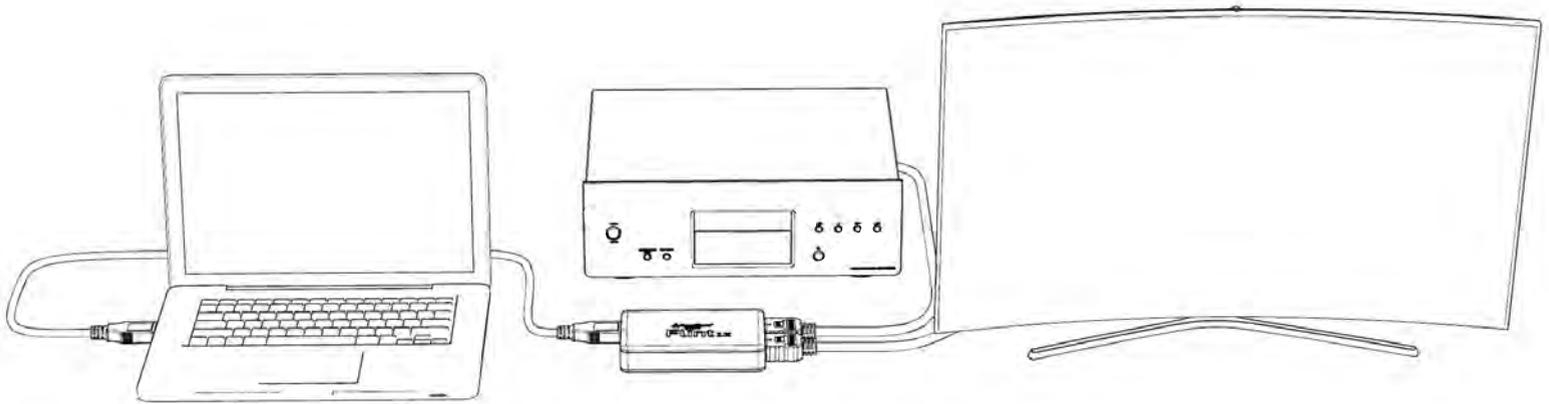
Step 5:

Tap  to check all files have been saved.

# PREVIEW VIDEOS FOR LIVE STREAMING.

You can use ClonerAlliance Flint LX in OBS Studio to preview/record/livestream videos, which is a popular open source software for video recording and live streaming.

## 7.1 Connect



1. IN: Connect an HDMI cable between the source video player and ClonerAlliance Flint LX.
2. Connect the TV to the “OUT” port on ClonerAlliance Flint LX via an HDMI cable.
3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.
4. LED Indicator: Stable Green indicates ClonerAlliance Flint LX is powered on and Green/Yellow blinks alternately means it is in working mode.

## 7.2 Install software

If you want to use OBS to preview/record/livestream videos via ClonerAlliance Flint LX, you need to install both HDML-Cloner Pro Helper and OBS Studio first.

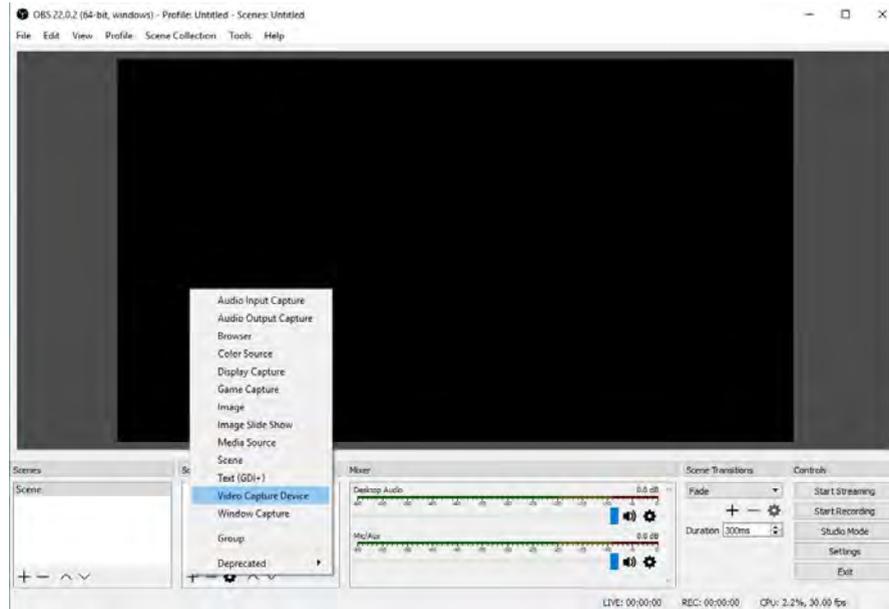
See details about *Install and register HDML-Cloner Pro Helper (Windows Users)*

See details about *Install OBS Studio (Windows, Mac, and Linux Users)*

## 7.3 Setting for preview video

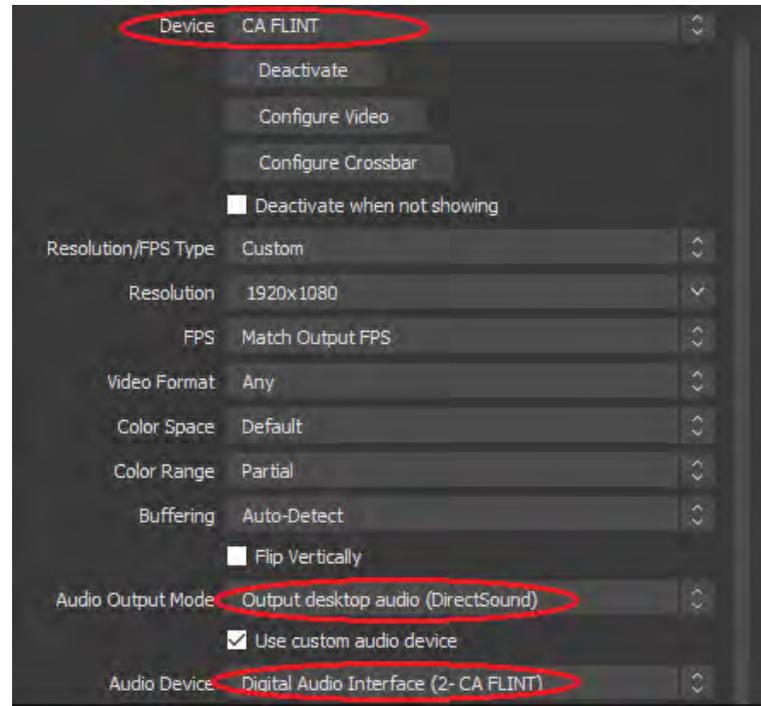
Step 1:

Launch OBS Studio software on PC, Click “+” icon under “Sources” window, and select “Video Capture Device” :



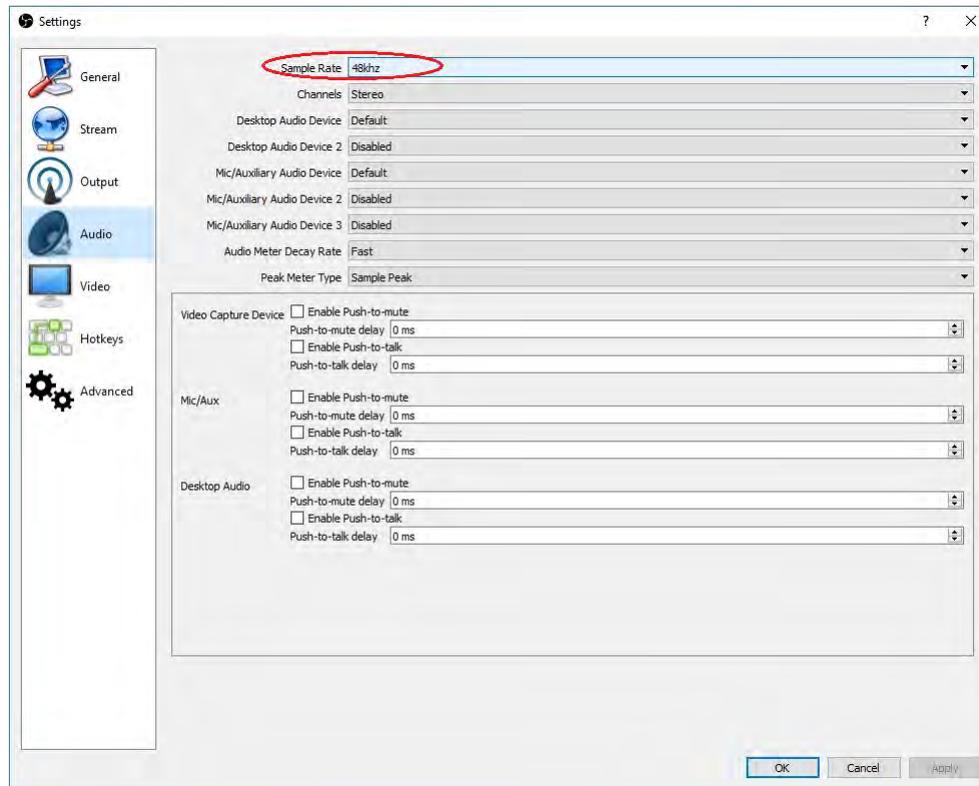
Step 2:

Select “CA FLINT” in the drop box next to “Device” and at Set Audio Output Mode, please select “Output desktop audio (DirectSound), Audio Device to “” Digital Audio Interface(2-CA FLINT)”” :



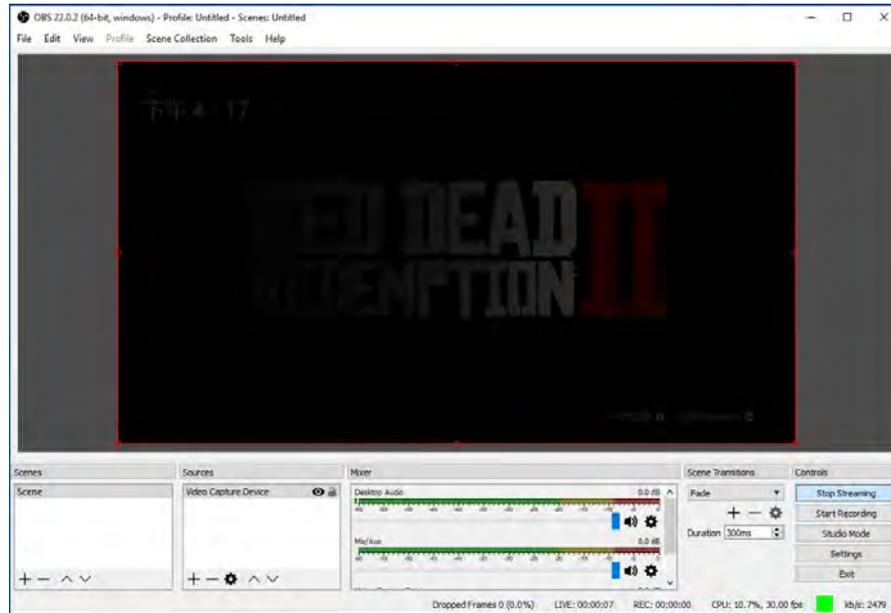
Step 3:

Please make sure the “Sample rate” in “Audio” settings is set to “48KHz” .



Step 4:

Then you can start recording or streaming video:

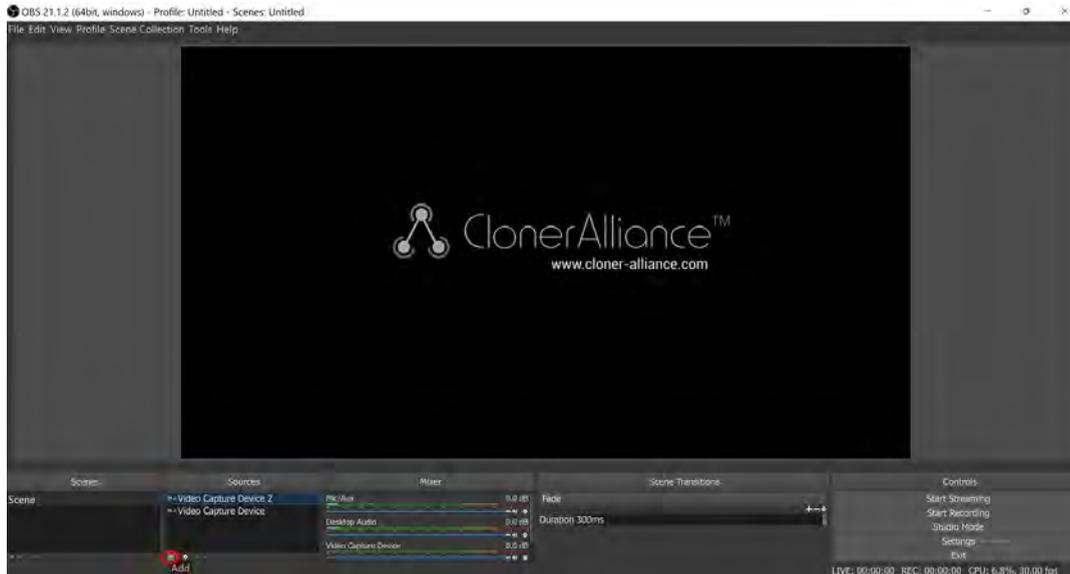


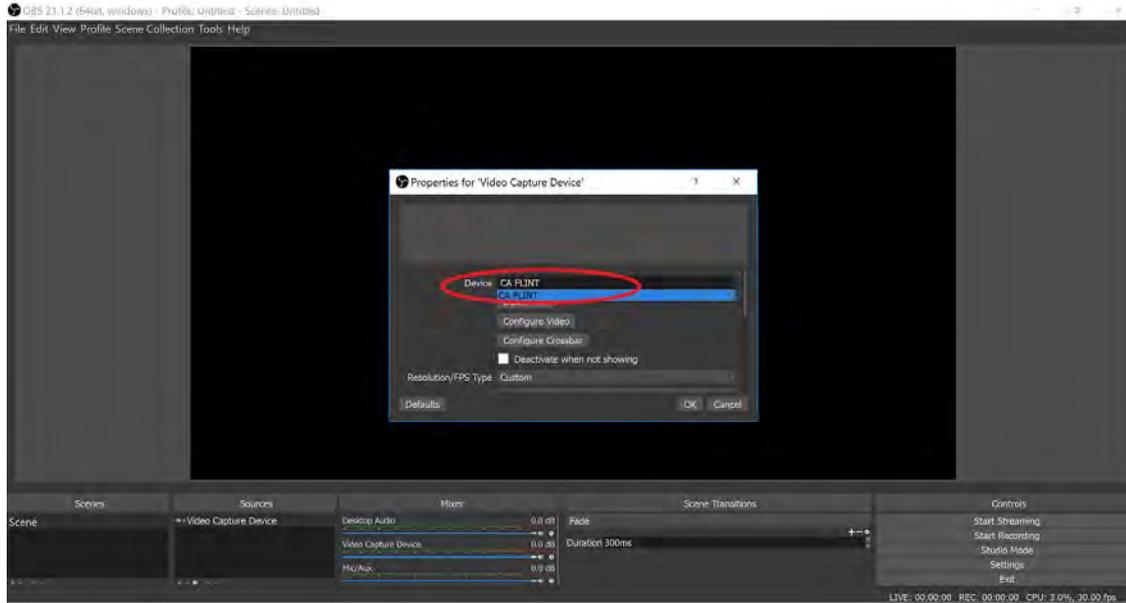
# FREQUENTLY ASKED QUESTIONS

You can visit <https://www.cloner-alliance.com/faq.html> at any time to view latest technical questions and answers.

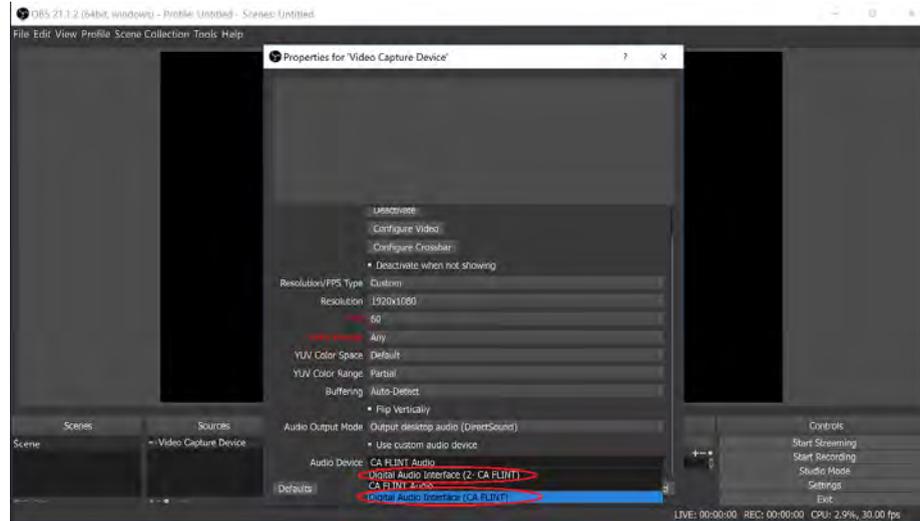
## Can I use multiple ClonerAlliance Flint LX devices on one PC at the same time?

Sure, both bundled software HDML-Cloner Pro Helper and OBS studio can support multiple ClonerAlliance Flint LX devices working on one PC at the same time, you just need to add and select devices individually as following:





You can easily distinguish each device through video preview window.



And you can select an audio device for each video capture device based on the insertion order.

## Does ClonerAlliance Flint LX Need Extra Power Supply?

No, ClonerAlliance Flint LX can be powered by USB port with PC.

## Can I Watch The Videos On My TV When I Use ClonerAlliance Flint LX To Record The Videos?

Yes. ClonerAlliance Flint LX can pass-through HDMI video signal out to TV while recording video. You can enjoy watching

video without interruption.

### **What if my phone or PC doesn't have an USB micro-B socket?**

Don't worry, there is a USB2.0(female) to USB Micro-B OTG cable included in the package, you can use it to connect to your Android phone.

### **Why Does It Only Have Sound But No Video After Switching Back To Preview Screen With ClonerAlliance Flint LX?**

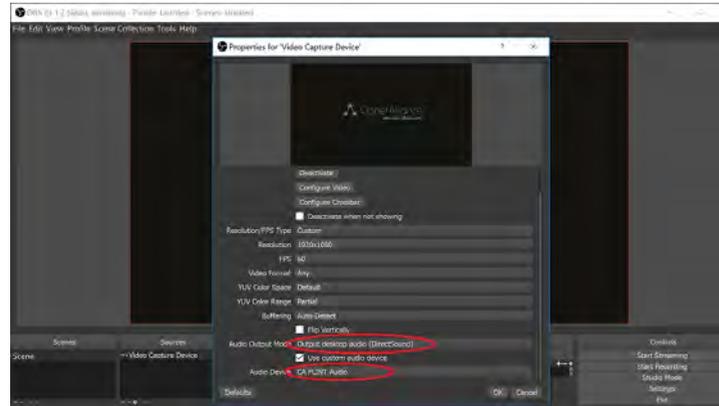
Please use a USB Hub to provide power supply for ClonerAlliance Flint LX independently, then it will work well.

### **Why Is There No Audio When Running Open Broadcaster Software(OBS) With ClonerAlliance Flint LX?**

Please adjust the setting of OBS accordingly, it could be resolved easily.

Please proceed as follows:

At Set Audio Output Mode, please select "Output desktop audio (DirectSound)", Audio Device to "CA Flint Audio", then click "OK":



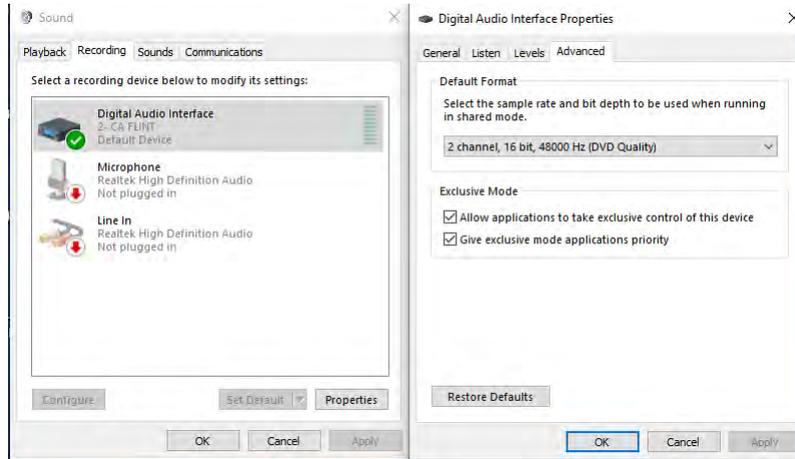
## How to deal with PC doesn't recognize ClonerAlliance Flint LX device?

Please change another USB port and re-plug in, it'll help.

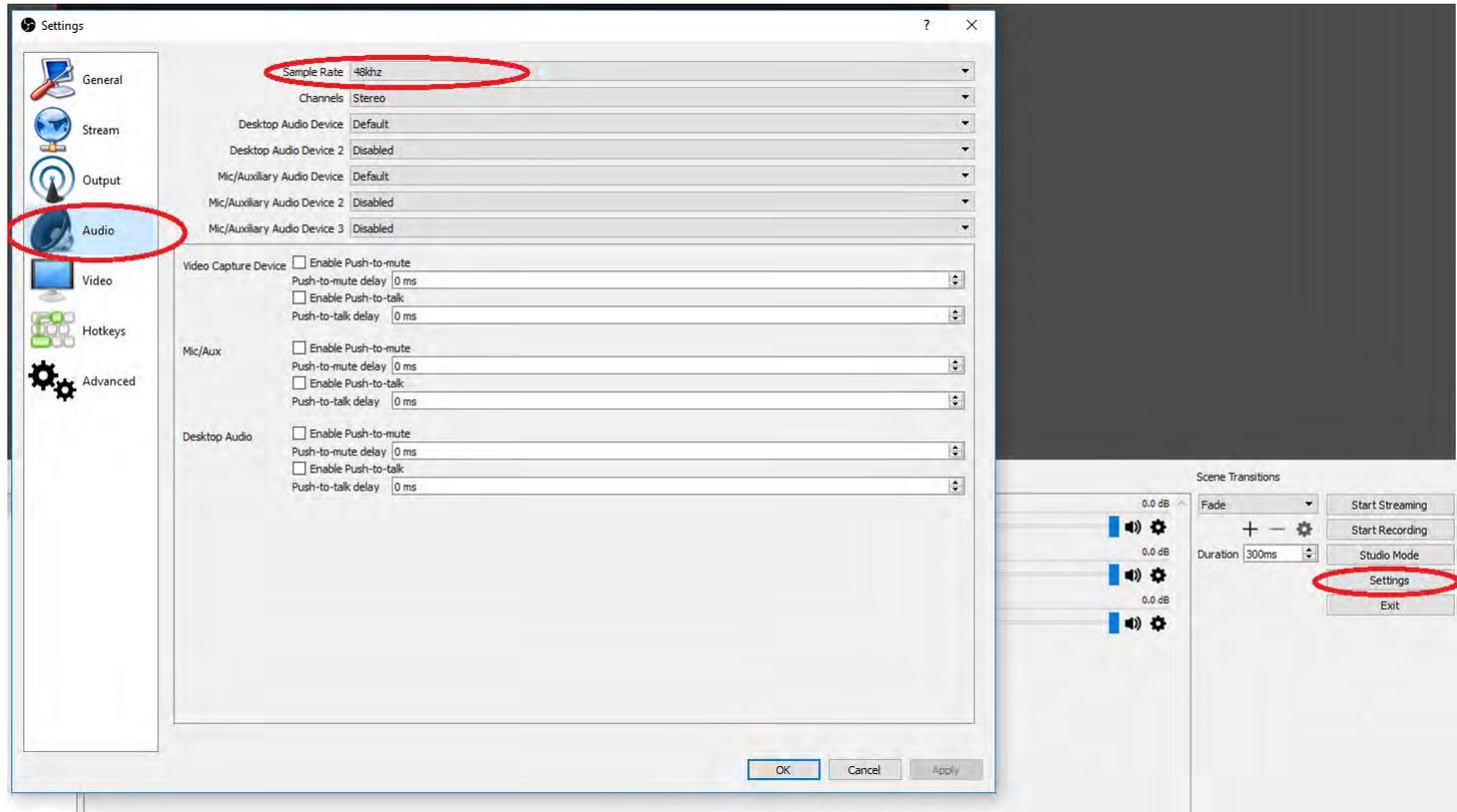
## Why are audio and video out of sync when I use OBS studio with ClonerAlliance Flint LX?

Please set up as following and it will perform normally.

First, please set CA Flint LX sample rate as 48KHz.



And please make sure sample rate in OBS Studio is also set to 48KHz.



If your video and audio are still not synchronized, please adjust video delay value in “Source-filter-Video delay(Async)” around 470ms according to your circumstance.





**What is the best method to get help from ClonerAlliance?**

Chatting with our professional technical support by Live Chat is the best method to solve all problems quickly and efficiently.

How to chat by Live Chat?

1. Please go to <https://www.cloner-alliance.com/>
2. Click the right bottom icon “Click here to chat” (Green Color).
3. Enter your correct name, email, and your question.

FYI. In order to help you fix your issue more efficiently. We need to know the exact batch of your hardware, please allow us to know your order information first. If you ordered it at Amazon, let us know your order ID. If your ordered it at eBay, tell me your eBay Username. From other platforms, let me know related information. Thanks very much.

Due to time difference, internet connection or any other unexpected factors, ClonerAlliance technical support may miss your chat request. Don’ t worry. If we missed your chat request, we will get back to you ASAP. All questions will be answered in 24 hours.

### **After Sales Warranty**

ClonerAlliance Inc. provides 60-Day No Hassle Return(No Additional Fee) and 2-Year Replacement Warranty Service for all hardware. Please rest assure to use ClonerAlliance products.

Within 60 days of receipt of goods, if you request a refund or replacement, we will cover the shipping cost of the item(s). If it exceeds 60 days and you request a refund or replacement, the shipping cost of the item(s) will be at your expense. We will issue a refund or deliver a new item to you upon receipt of goods.

# PRODUCT SPECIFICATIONS

Input and Output	3840x2160(30HZ), 1920x1080 1280x720, 1280x1024, 1024x768, 600x1200 800x600, 720x576, 720x480, 640x480
Recording	Up to 60 fps @ 1920x1080
Output format	MJPEG, YUY2
Video standard (input)	NTSC, PAL
Input signal	HDMI
Output signals	HDMI (pass-through), USB 3.0
Max transmission bitrate	2Gbps
Bitrate	Max: 140Mbps
Weight	2.0 oz
Dimensions	3.7 x 2.2 x 0.7 inches

## **AFTER SALES WARRANTY**

ClonerAlliance Inc. provides 60-Day No Hassle Return(No Additional Fee) and 2-Year Replacement Warranty Service for all hardware. Please rest assured to use ClonerAlliance products.

## CONTACT US

If you encounter any problem when using our products, please contact us by [support@cloner-alliance.com](mailto:support@cloner-alliance.com) or call 1-844-9-CLONER (toll free) and we will serve you with utmost satisfaction.

We'll offer a satisfying discount on batch purchase and affiliate program. If you are interested, please contact us by [market@cloner-alliance.com](mailto:market@cloner-alliance.com).

## **DISCLAIMER**

HDMI is a registered trademark of HDMI Licensing, LLC. USB is a registered trademark of USB Implementers Forum. HDMI and USB are registered trademarks of their respective companies. ClonerAlliance Inc. is not affiliated with those companies.



**Toll free: 1-844-9-CLONER**

Support Email: [support@cloner-alliance.com](mailto:support@cloner-alliance.com)

Market Email: [market@cloner-alliance.com](mailto:market@cloner-alliance.com)

[www.cloner-alliance.com](http://www.cloner-alliance.com)

Copyright ClonerAlliance Inc. All rights reserved.