



ClonerAlliance Chert HDC User Manual



ClonerAlliance Chert HDC User Manual

This documentation describes how to use ClonerAlliance Chert HDC (Model: CA-1080HDC) device.

Copyright Notice

Copyright © ClonerAlliance Inc. All rights reserved.

Documentation Version 1.0

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

“ClonerAlliance” is a registered trademark of ClonerAlliance Inc.

Safety Notices

Before using ClonerAlliance Chert HDC, please ensure that you read and understand the safety precautions below:

1. Do not attempt to open the case of ClonerAlliance Chert HDC or modify it in any way, as this will void the warranty.
2. Keep ClonerAlliance Chert HDC away from water and other liquids, as this may cause the unit to malfunction.
3. ClonerAlliance Chert HDC may become warm during use. This does not indicate malfunction.
4. Do not place heavy objects on ClonerAlliance Chert HDC, as this may cause the unit to overheat and malfunction.
5. If the exterior of ClonerAlliance Chert HDC 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 symbol (a circle with a diagonal cross) is superimposed over the letters "DCP" 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.

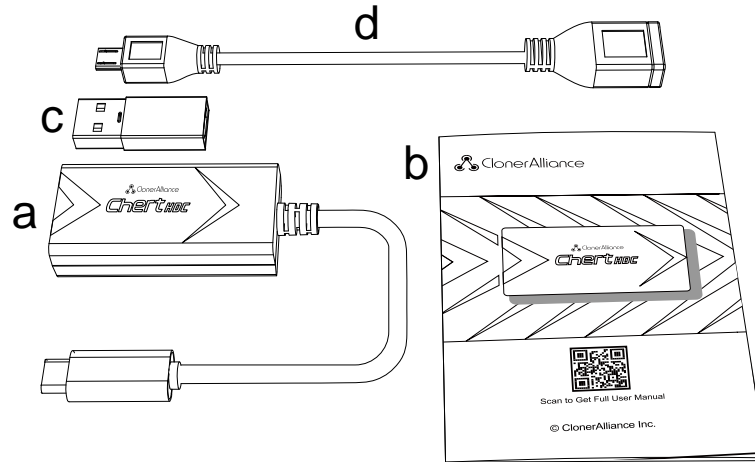
If you violate the above laws, you may face a lawsuit.

CONTENTS

1	Getting Started	1
1.1	Box Contents	1
1.2	Product Diagram	2
2	Software Installation	3
2.1	Install and register ClonerAlliance Helper	3
2.2	Install OBS Studio	7
3	Play game console on PC without TV	9
3.1	Connection Guide	9
3.2	Play game console for Windows users	13
3.3	Play game console for Mac OS users	15
3.4	Play game console for Linux users	16
4	Record/capture videos to PC.	23
4.1	Connect	23
4.2	How to Record/Capture on Windows system?	27
4.3	How to Record/Capture on Mac OS?	33
4.4	How to Record/Capture on Linux?	35
5	Record/capture videos to mobile.	42
5.1	Connect	42
5.2	Record/Capture with ClonerAlliance App	45
6	Preview videos for live streaming.	49
6.1	Connect	49
6.2	Install software	50

6.3	Setting for preview video	50
7	Frequently Asked Questions	55
8	Product Specifications	65
9	After Sales Warranty	66
10	Contact Us	67
11	Disclaimer	68

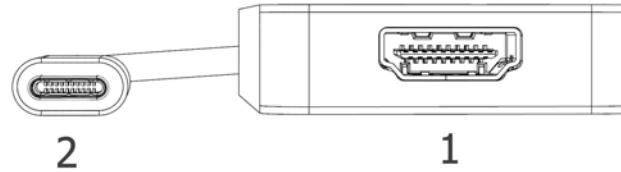
1.1 Box Contents



- a. ClonerAlliance Chert HDC
- b. User Manual

- c. Type-C female to 2.0 Type-A male connector
- d. USB 2.0 female to Micro-B OTG cable

1.2 Product Diagram



1. INPUT: HDMI input interface. Connect an HDMI cable between the source video player and ClonerAlliance Chert HDC.
2. USB Type-C: Connect ClonerAlliance Chert HDC to PC via the USB Type-C cable.

SOFTWARE INSTALLATION

For Windows users, ClonerAlliance Helper or third party software like OBS, VLC, etc can be used with Chert HDC.

For Mac or Linux users, please download third party software like OBS Mac/Linux version accordingly to work with Chert HDC.

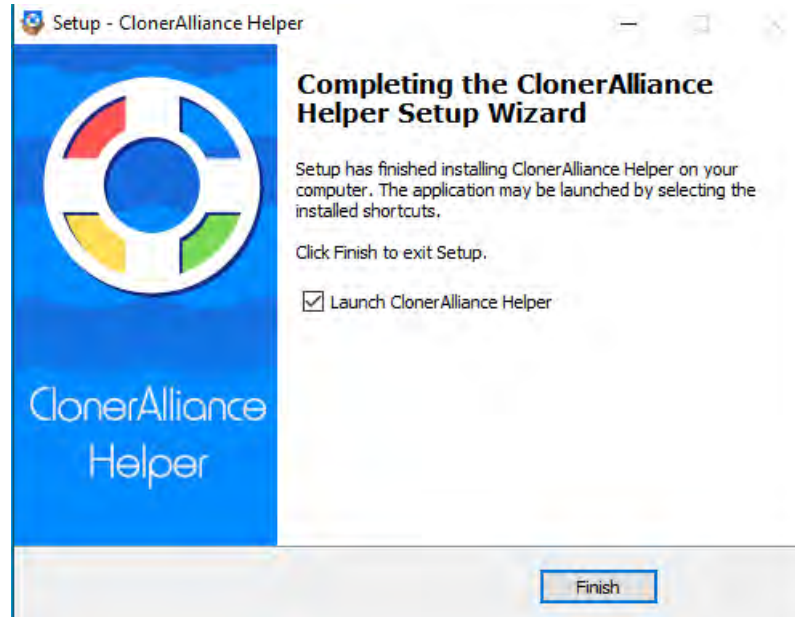
You may make a selection according to your own demand.

2.1 Install and register ClonerAlliance Helper

1. Install ClonerAlliance Helper

ClonerAlliance 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 Chert HDC.

- Download ClonerAlliance Helper 32bit software from <https://static.cloner-alliance.com/download/cloneralliance-helper.exe> or download ClonerAlliance Helper 64bit software from <https://static.cloner-alliance.com/download/cloneralliance-helper-x64.exe>
- Double click the installation file and the setup wizard window will pop up. Follow the installation wizard to complete the installation process.



System Requirements:

Windows 7 or above(32bit or 64bit)

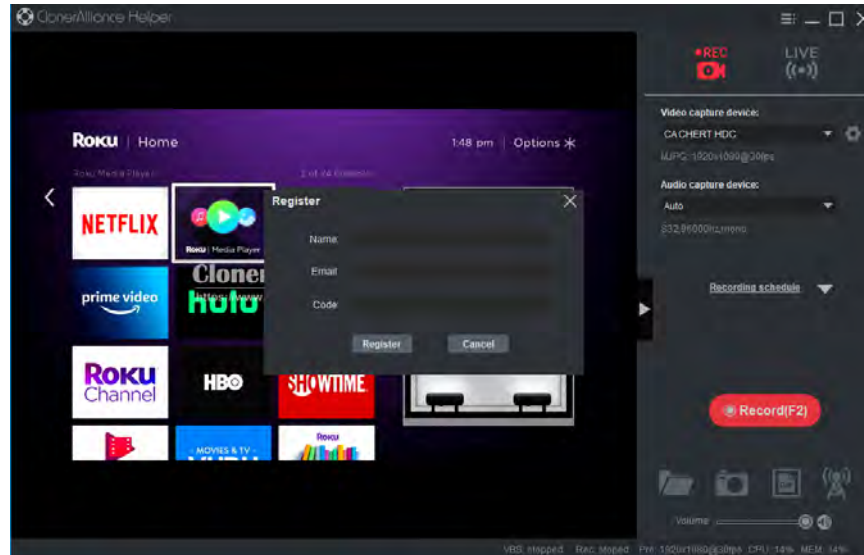
Intel i5 or above. Or AMD CPU which of the similar level of the intel

4GB or more of RAM. 100GB free hard disk space

Note: Prior to installing ClonerAlliance 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 ClonerAlliance Helper

Please register ClonerAlliance Helper first before using, otherwise it will show water mark on screen. Launch ClonerAlliance Helper. "Register" window will pop up automatically. Fill in your proper Email address, real name and code to finish the registration.



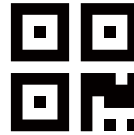
- Obtain the registration code of ClonerAlliance Helper.

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 ClonerAlliance Helper.



(a)
[Click Here](#)

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



www.cloner-alliance.com/register



S/N:CHXXXXXXXXX

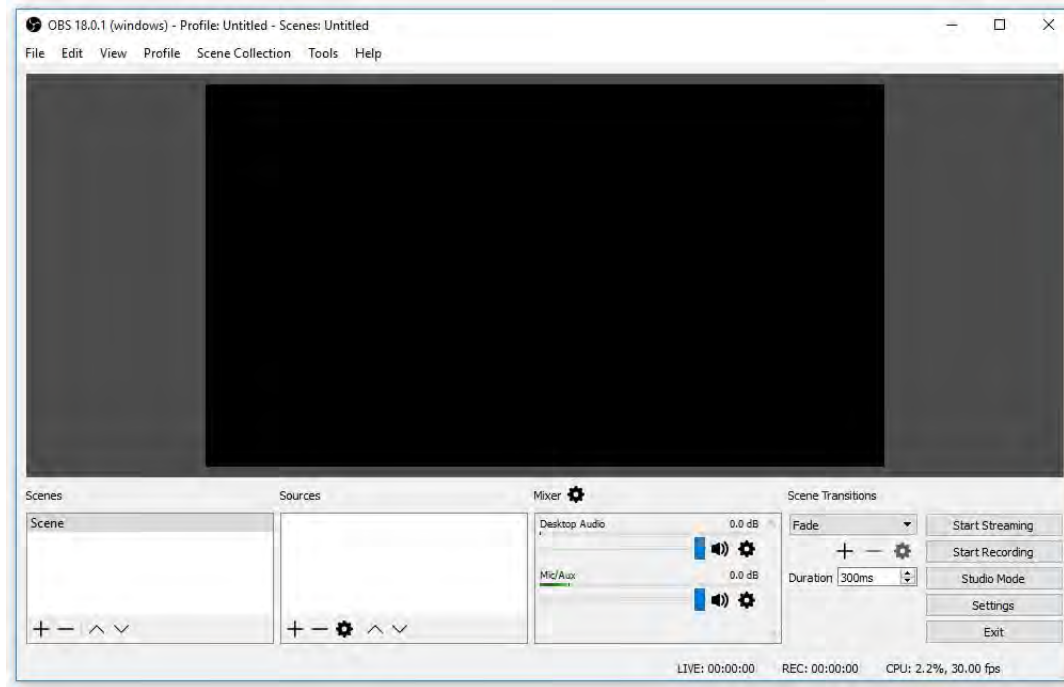
If you get trouble in the process, don't be discouraged, just send us a message to support@cloner-alliance.com with your S/N and your order ID. Our support will send you the code directly.

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

2.2 Install OBS Studio

Please install Open Broadcaster Software (OBS Studio) and run it on your computer. If you are Mac/Linux users, please download OBS Mac/Linux version accordingly.

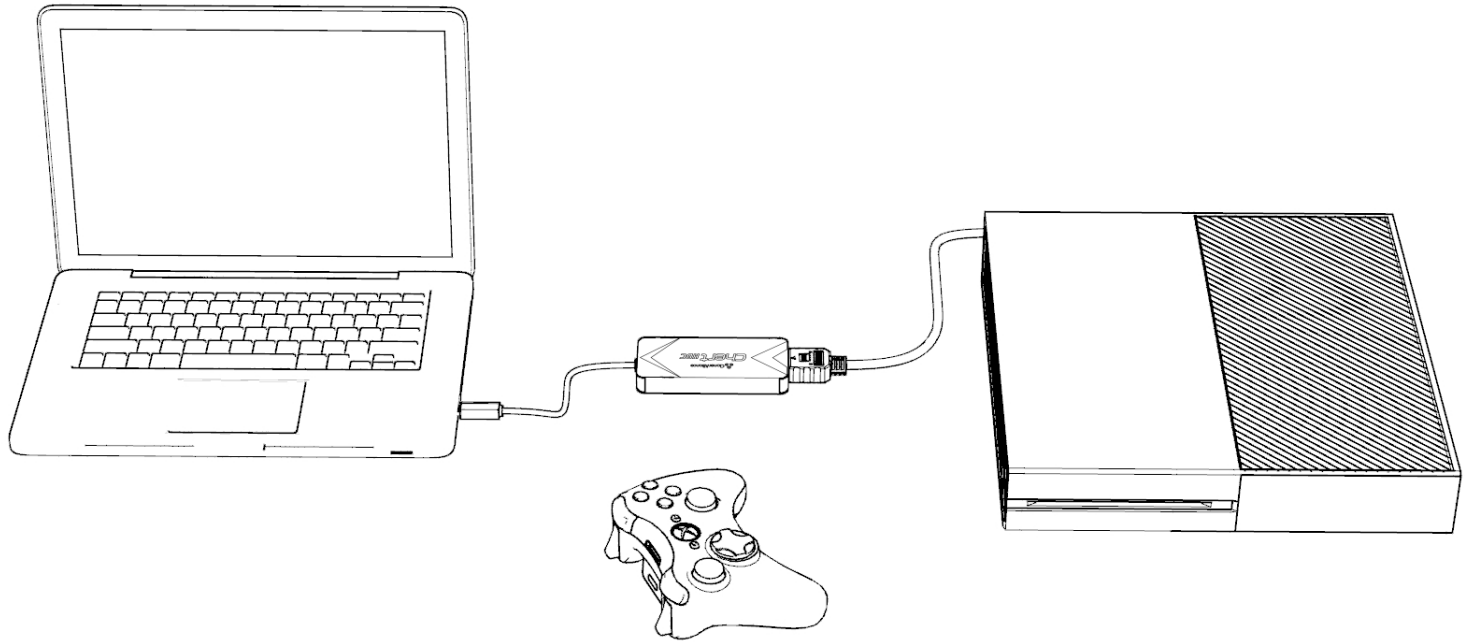
Tip: You can click [here](#) to download Open Broadcaster Software (OBS Studio).



PLAY GAME CONSOLE ON PC WITHOUT TV

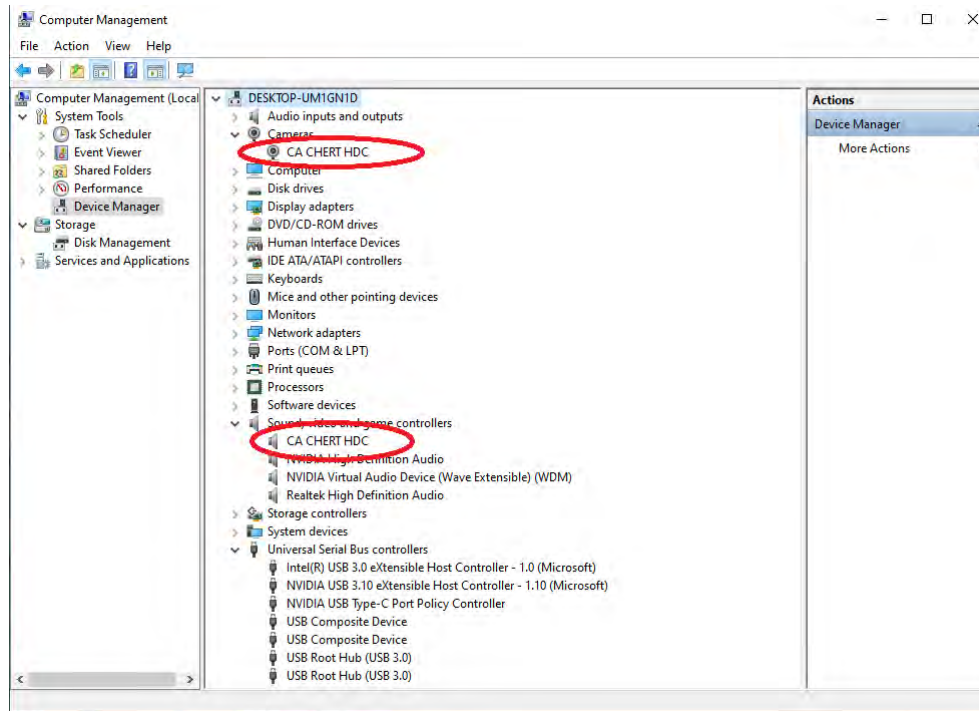
3.1 Connection Guide

1. Connect the game console to the “INPUT” port on ClonerAlliance Chert HDC via an HDMI cable.
2. Connect ClonerAlliance Chert HDC to PC with the USB Type-C cable.



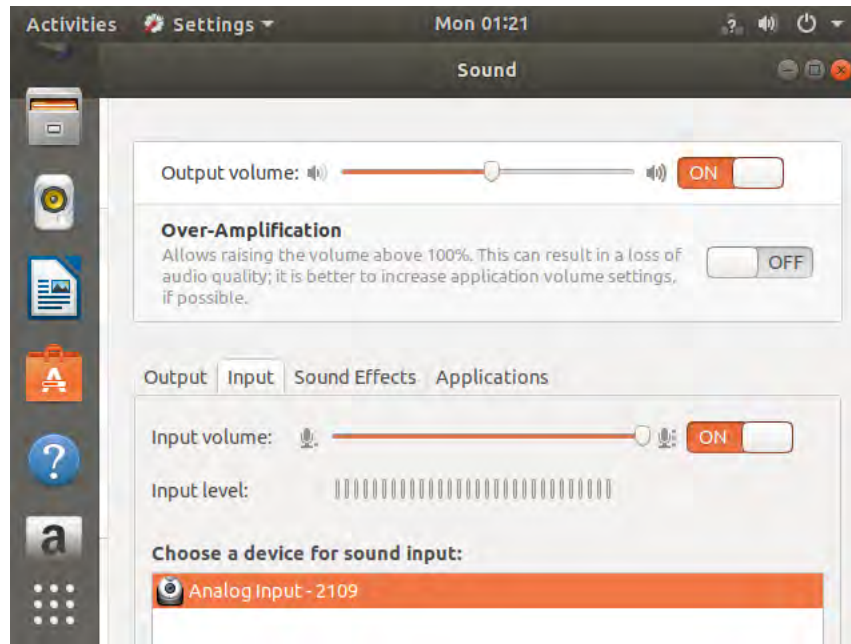
- For Windows

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



- For Linux

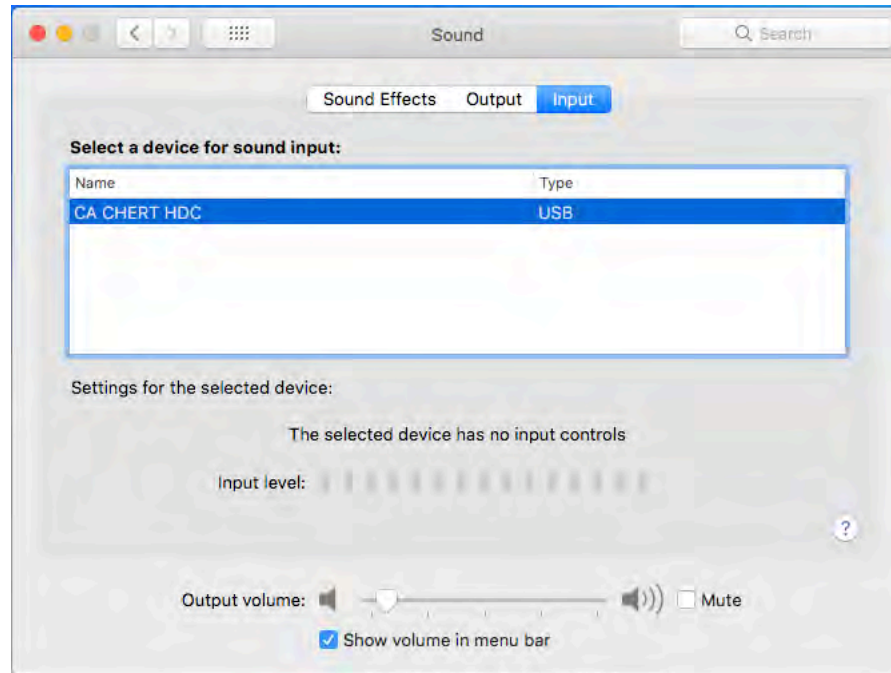
Connect ClonerAlliance Chert HDC to PC via USB Type-C cable, go to the “Sound/Input” , it will show in the list.



- For Mac OS

Connect ClonerAlliance Chert HDC to Mac, go to “Settings/Sound/Input” it shows ” CA CHERT HDC ” device among

the list.



3.2 Play game console for Windows users

Step 1:

Please download ClonerAlliance Helper software and install it on your PC first.

See details about *[Install and register ClonerAlliance Helper](#)*

Step 2:

Please connect the USB Type-C cable of ClonerAlliance Chert HDC to your PC.

Step 3:

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

Step 4:

Launch ClonerAlliance Helper software, it will recognize ClonerAlliance Chert HDC device automatically and show the game console' s screen after connected.

Step 5:

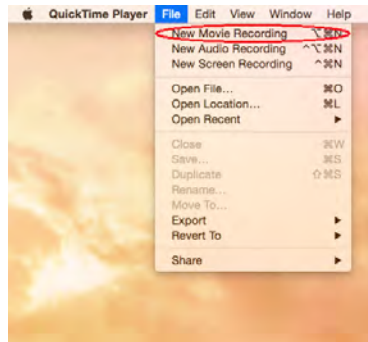
You can capture or stream your game now.

Note:

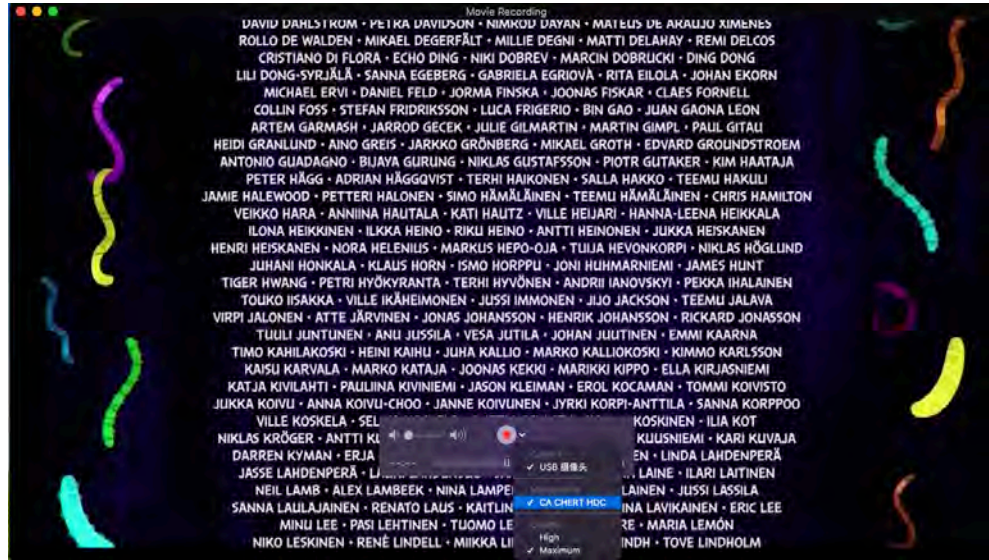
- ClonerAlliance Chert HDC device supports up to 4K input resolution, and the output will be 1080p@30fps automatically.

3.3 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.



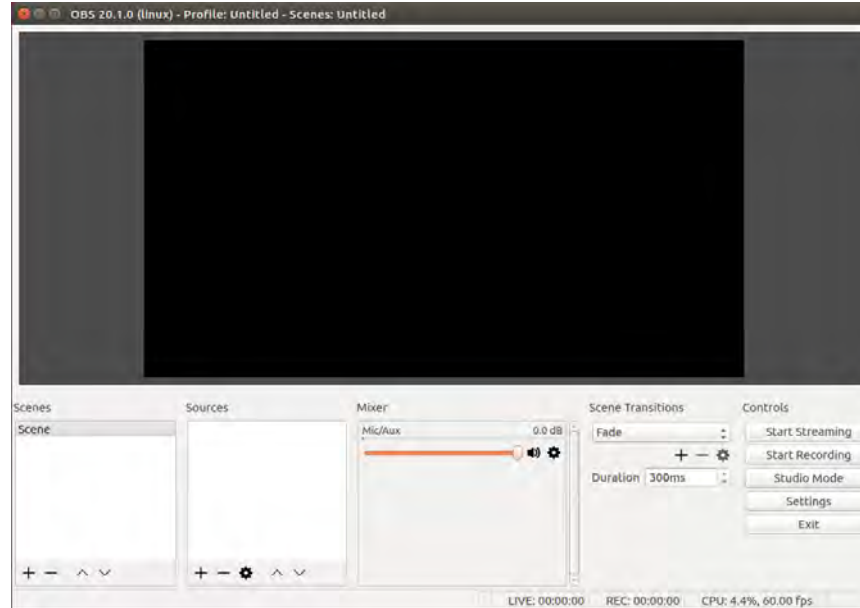
2. Please confirm the setting of Camera/Microphone/Quality as below.



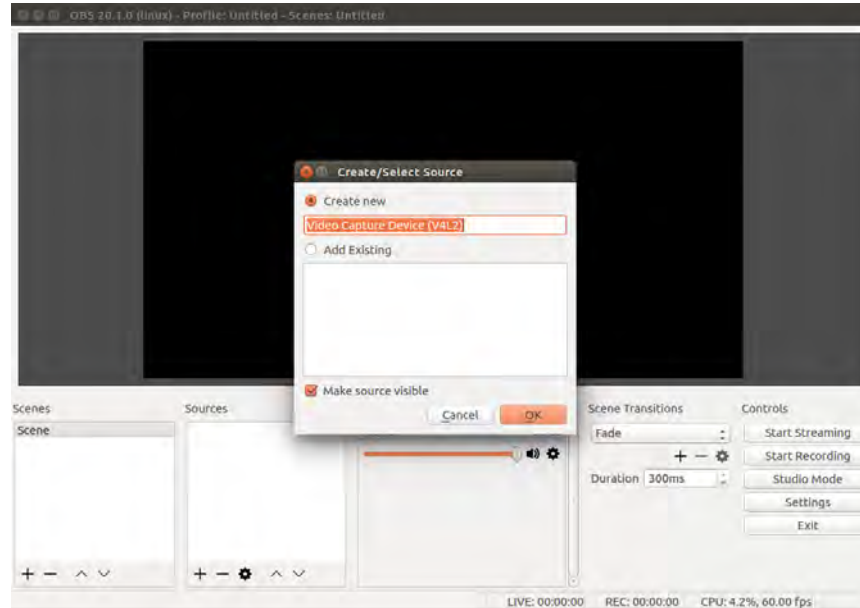
3. You can capture your game now.

3.4 Play game console for Linux users

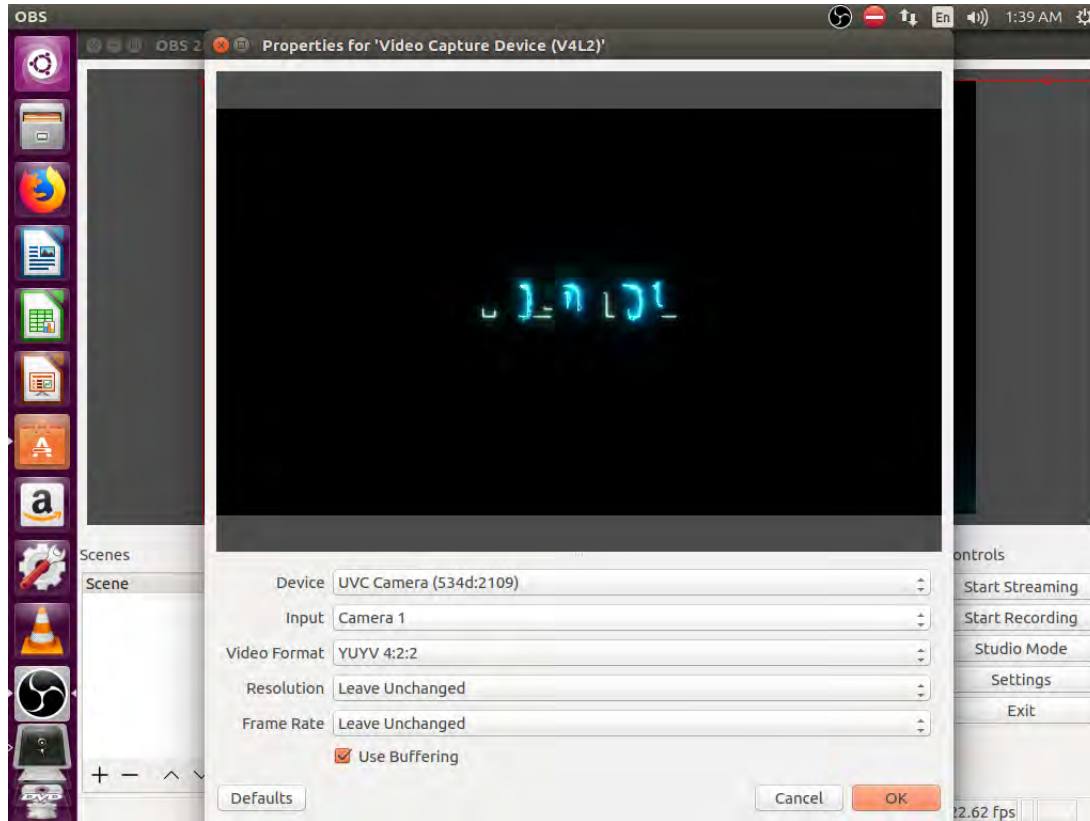
1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.



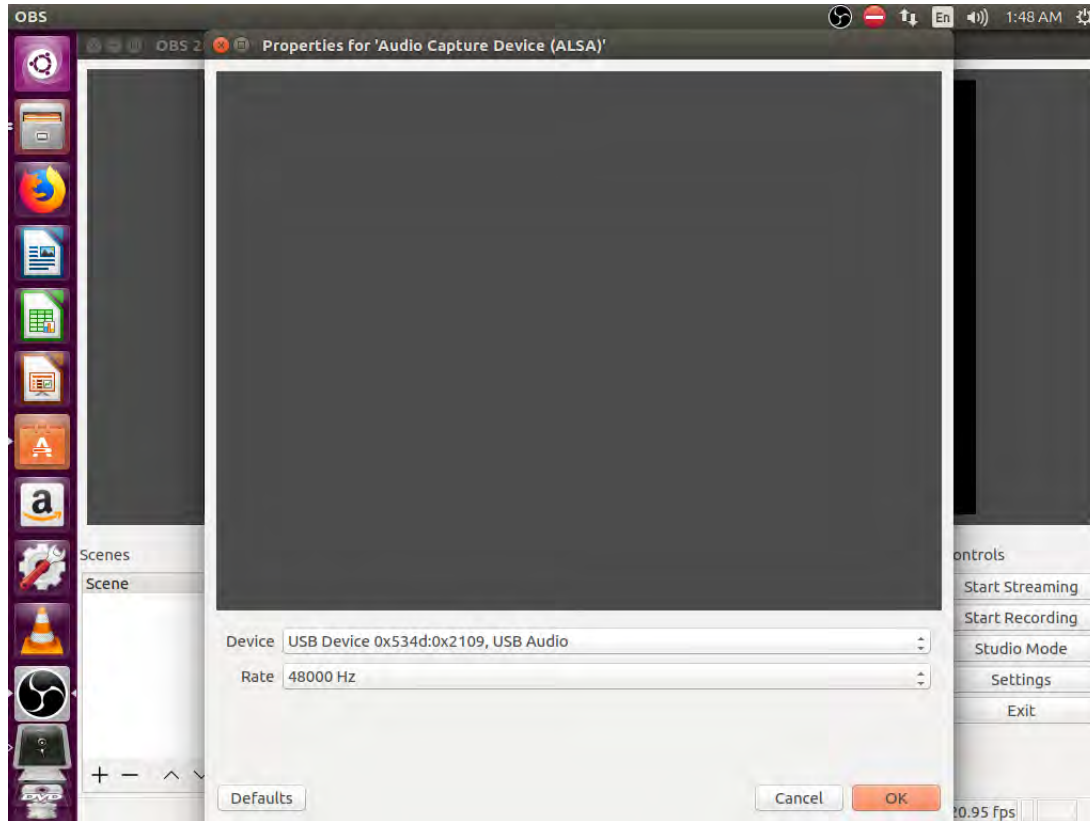
2. In source column, click “+” to add video capture device:



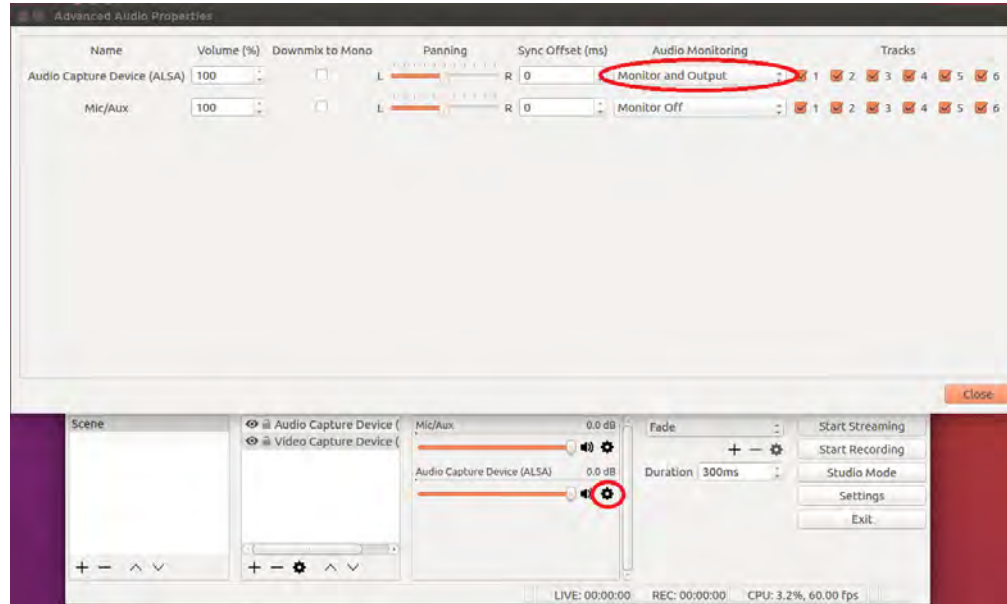
3. It will show the source screen on preview window:



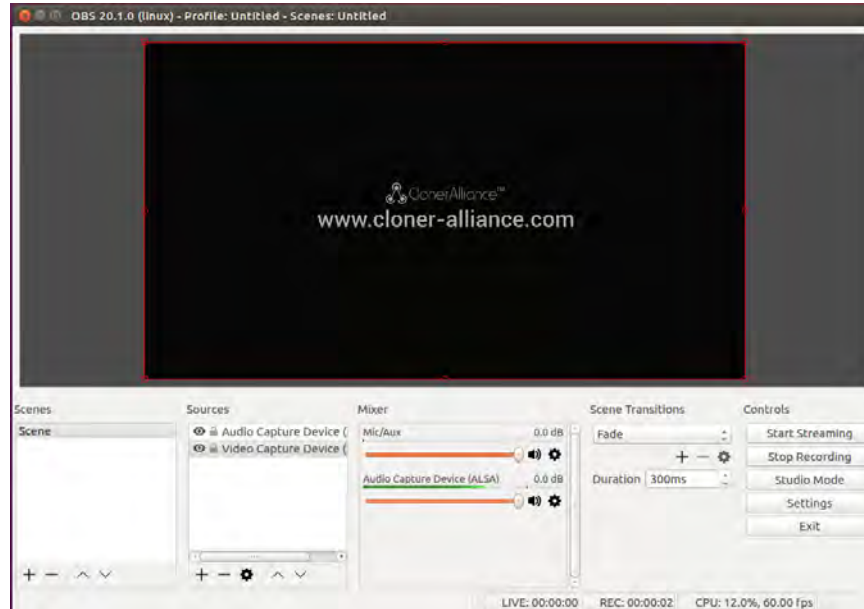
4. In source column, click “+” to add audio capture device:



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



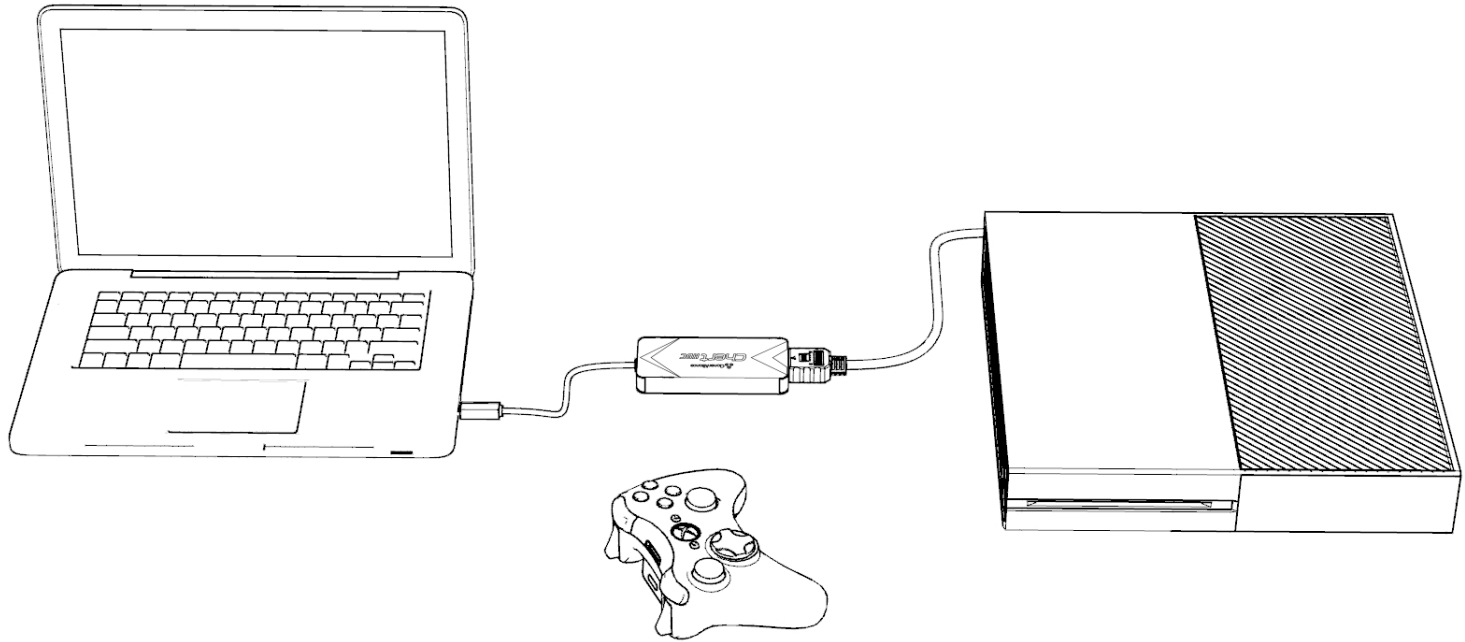
6. Now you can start recording and streaming.



RECORD/CAPTURE VIDEOS TO PC

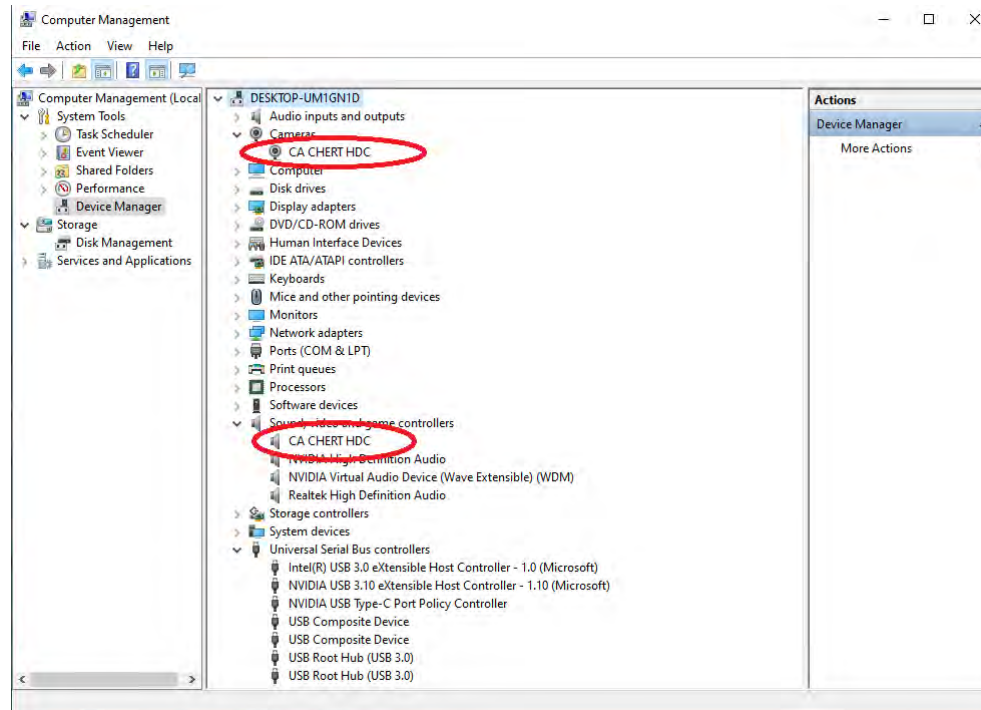
4.1 Connect

1. Connect the game console to the “INPUT” port on ClonerAlliance Chert HDC via an HDMI cable.
2. Connect ClonerAlliance Chert HDC to PC with the USB Type-C cable.



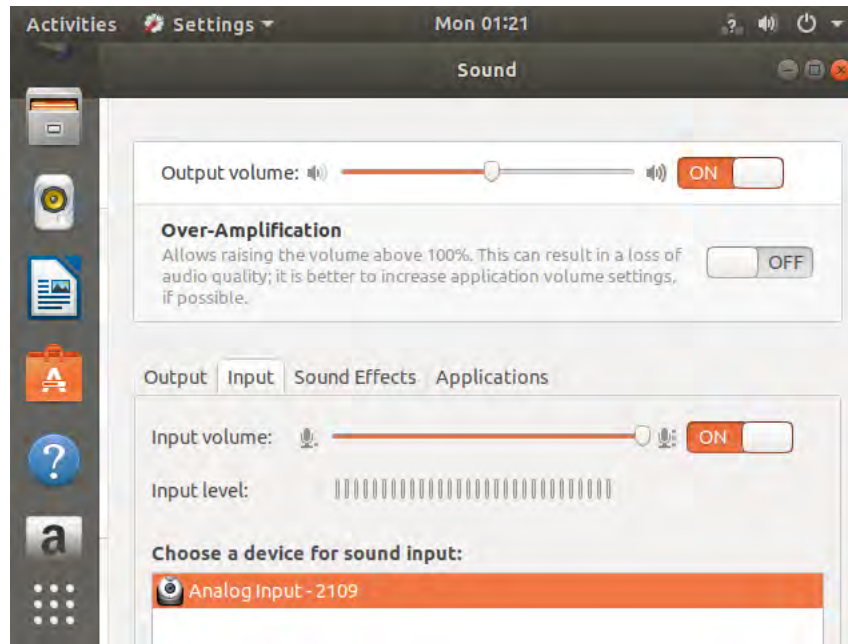
- For Windows

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



- For Linux

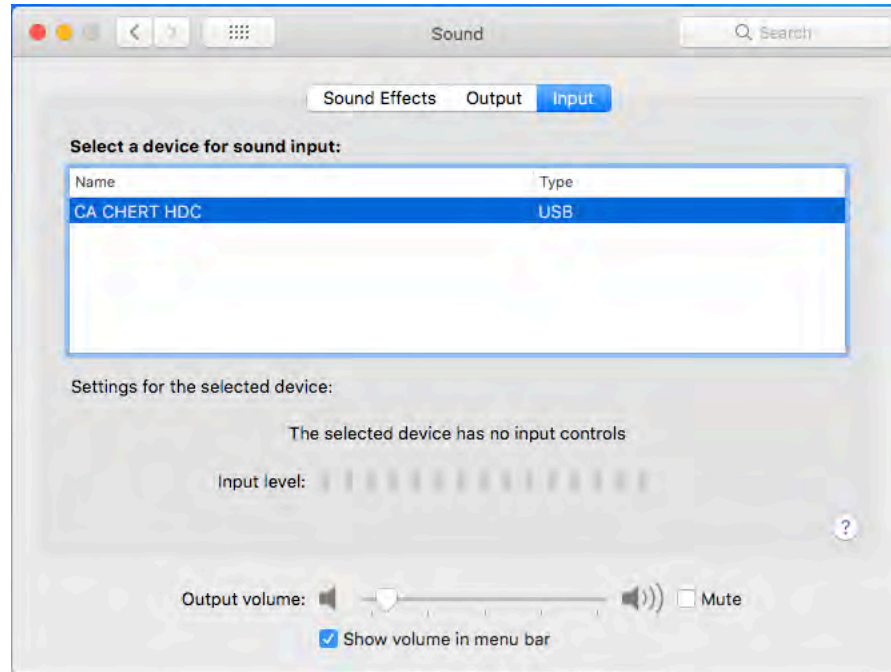
Connect ClonerAlliance Chert HDC to PC via USB Type-C cable, go to the “Sound/Input” , it will show in the list.



- For Mac OS

Connect ClonerAlliance Chert HDC to Mac, go to “Settings/Sound/Input” it shows ” CA CHERT HDC ” device among

the list.










4.2 How to Record/Capture on Windows system

Please download ClonerAlliance Helper software and install it on your PC first.

See details about *Install and register ClonerAlliance Helper*

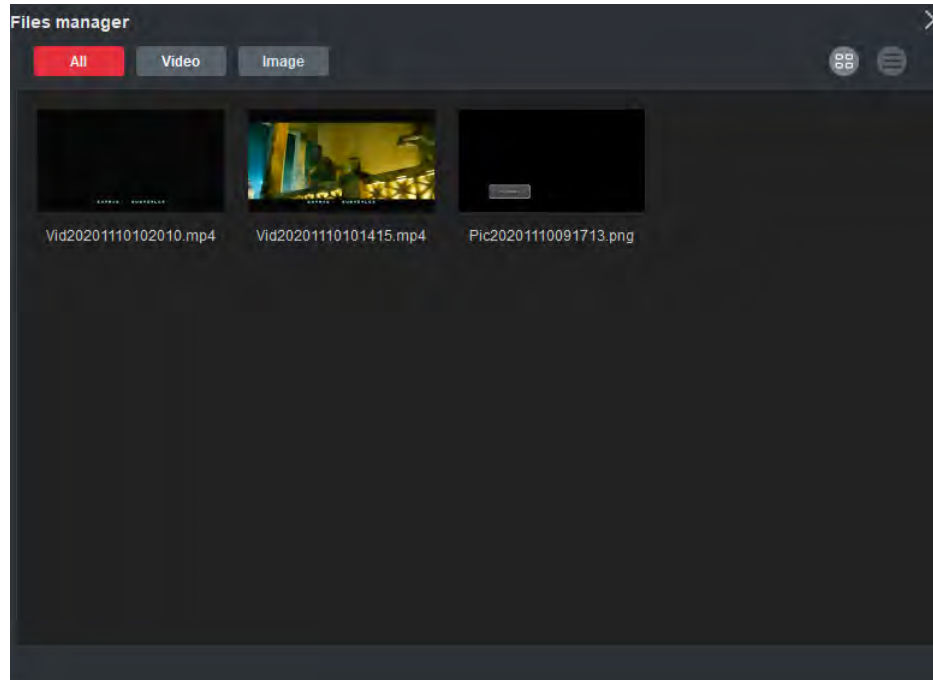
1. After all devices are connected properly, insert the video disc into the drive of the video player and run ClonerAlliance Helper.

2. Click  to start recording.

3. Click  to stop recording. Tip: During recording, you can also click  to pause anytime. When you want to resume, please click  to continue recording. Besides, you can click  to take screenshots, click  to capture GIF animation, enable Video Broadcast Share function by clicking .

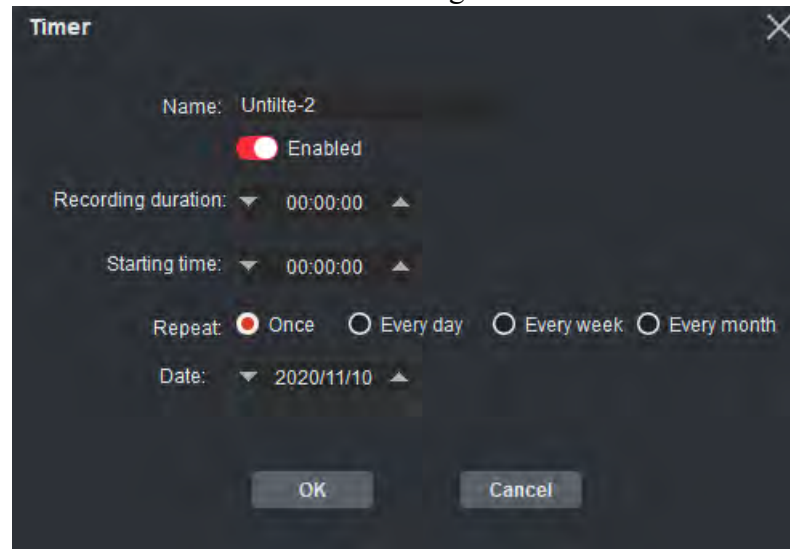
Software interfaces may vary depending on the version.

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



ClonerAlliance Helper also supports recording videos at the scheduled time. Click [Recording schedule](#) to enter the

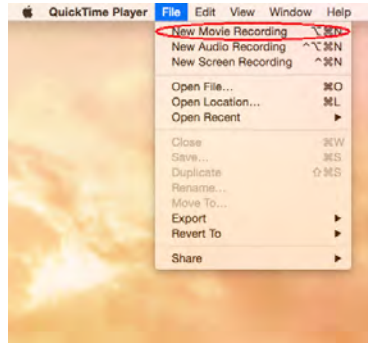
”Setup” window. Then click  to add ”Schedule Recording” task.



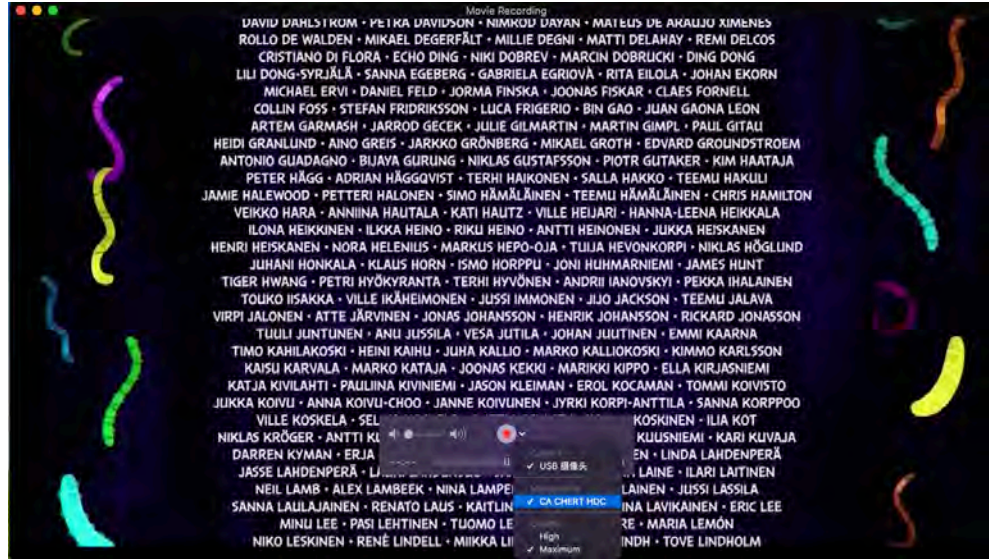
Please enable schedule recording first, and set the Start time and duration for schedule recording. Then click “OK” . Then videos will be recorded automatically at the scheduled time.

4.3 How to Record/Capture on Mac OS

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



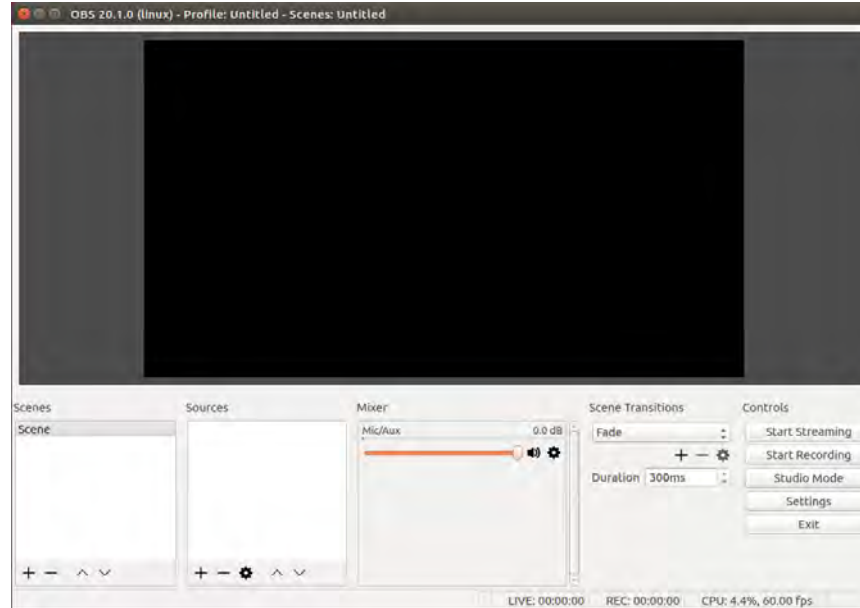
2. Please confirm the setting of Camera/Microphone/Quality as below.



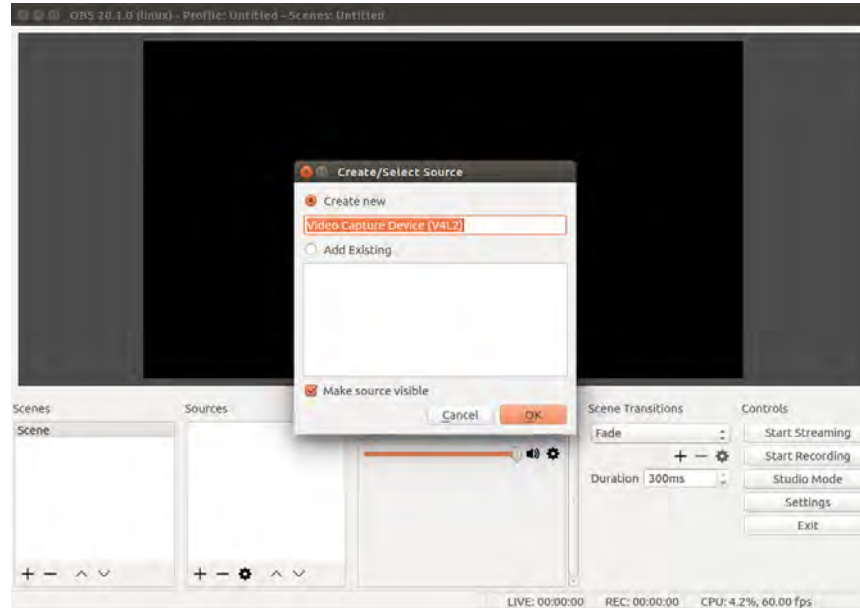
3. You can capture your game now.

4.4 How to Record/Capture on Linux

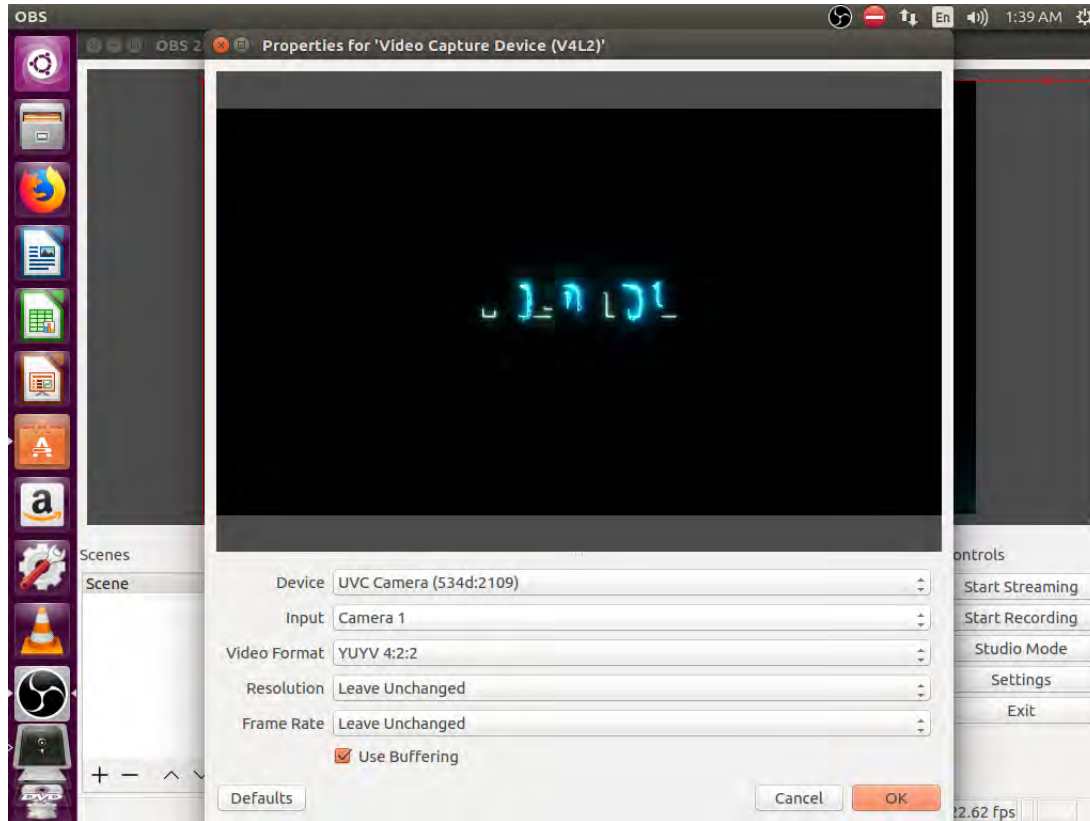
1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.



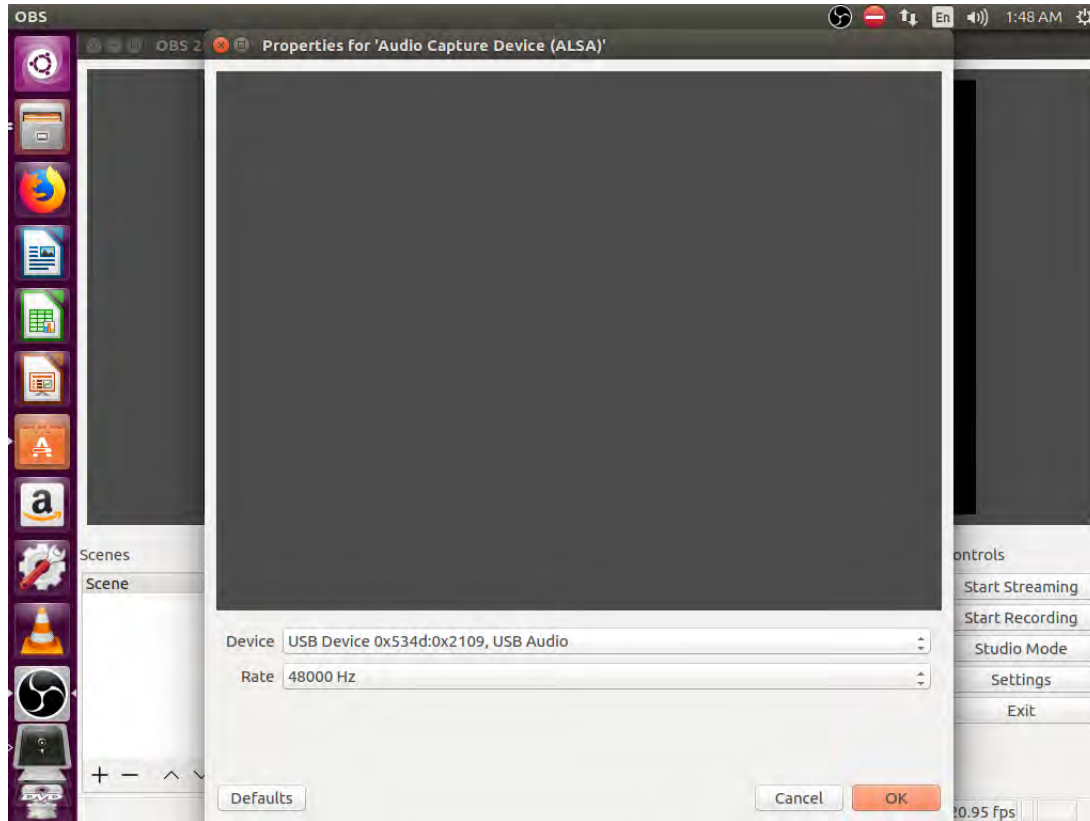
2. In source column, click “+” to add video capture device:



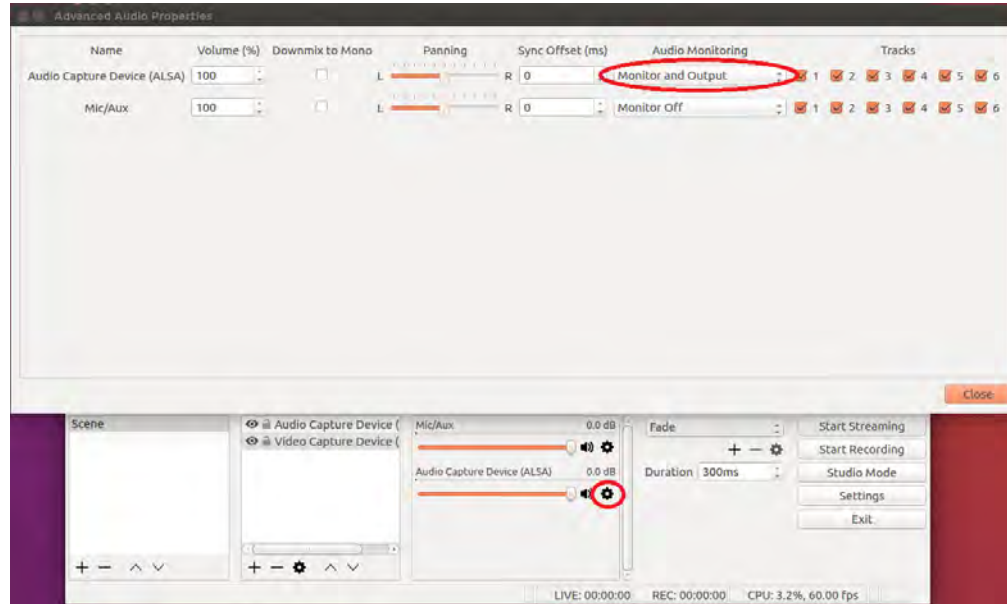
3. It will show the source screen on preview window:



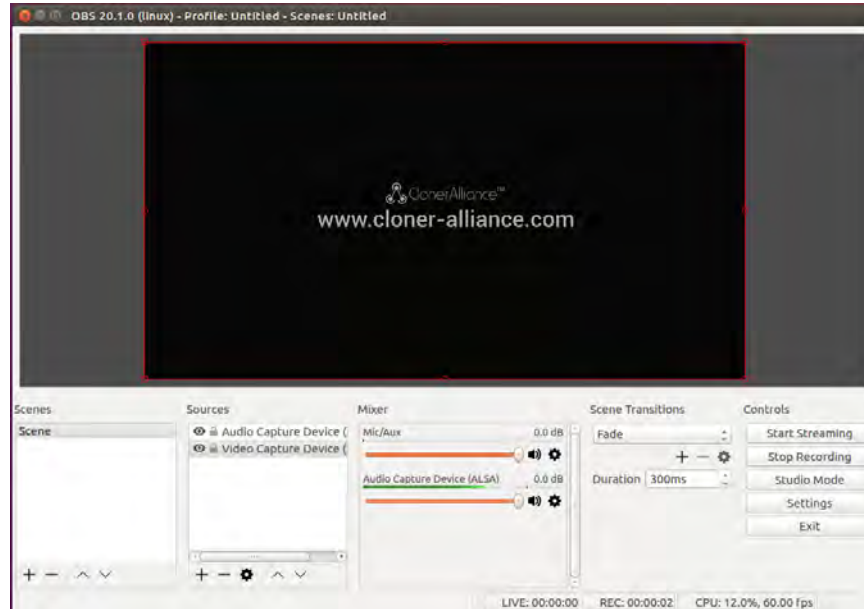
4. In source column, click “+” to add audio capture device:



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

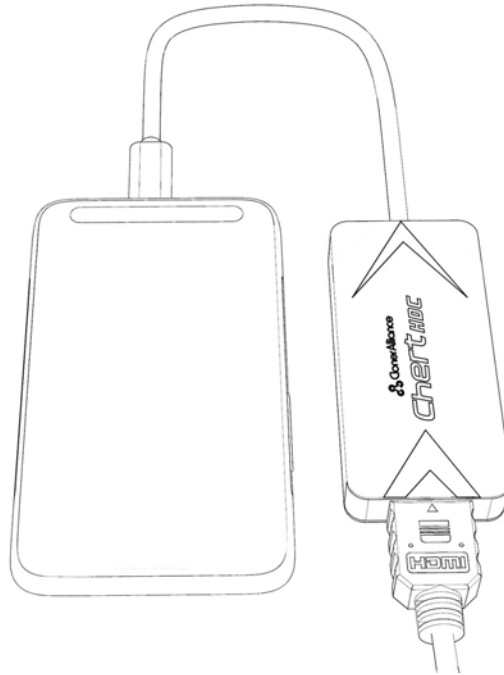
Android version 7.0 or above

5.1 Connect

1. Connect the video player to the “INPUT” port on ClonerAlliance Chert HDC via an HDMI cable.
2. Connect ClonerAlliance Chert HDC to Android phone with the USB Type-C cable.

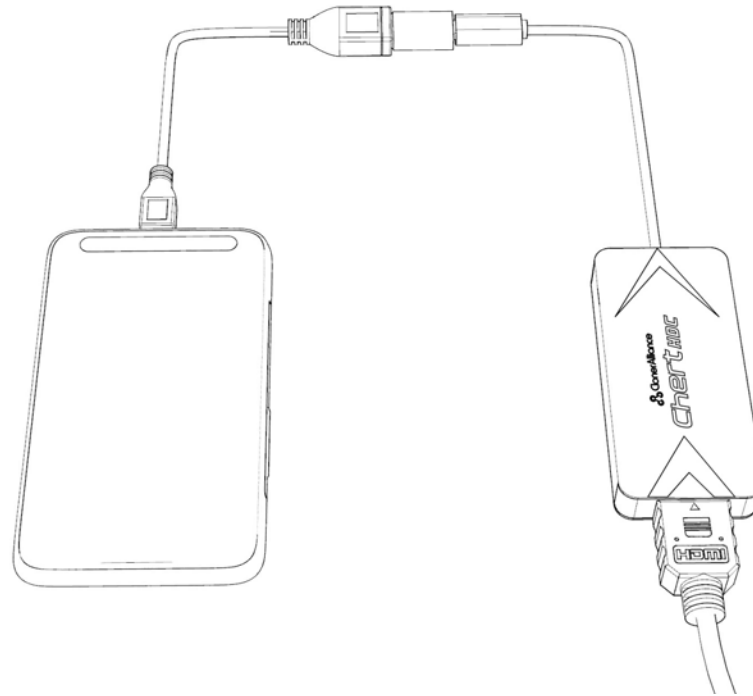
- For USB Type-C socket phone:

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.



5.2 Record/Capture with ClonerAlliance App


Step 1:

Please connect source device properly.

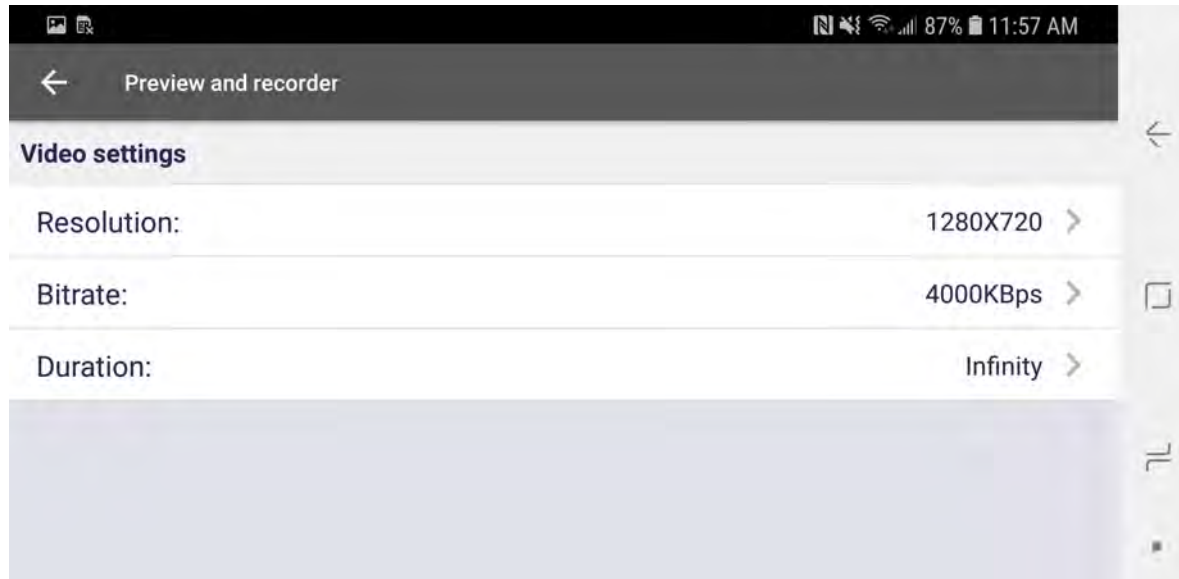
Step 2:

Please install **ClonerAlliance 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-




lowing 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).

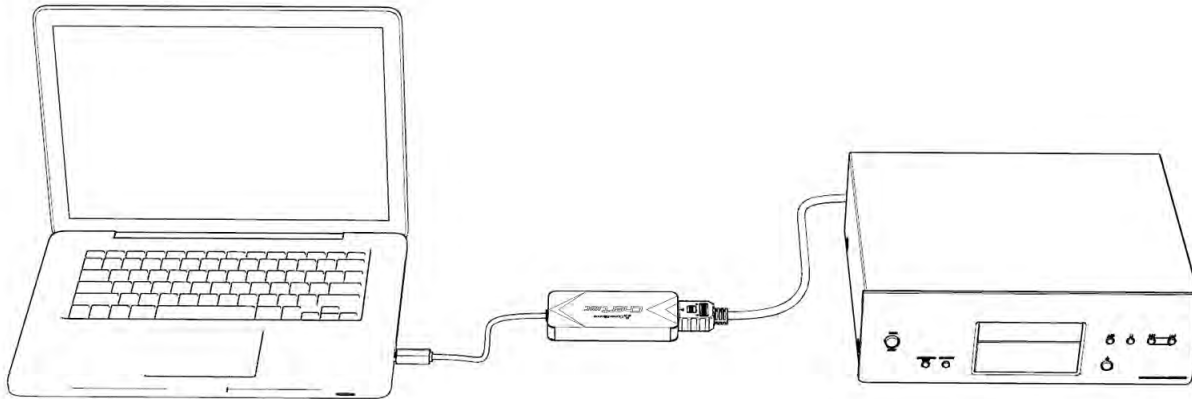
Step 5:

Tap  to check all files have been saved.

PREVIEW VIDEOS FOR LIVE STREAMING

You can use ClonerAlliance Chert HDC in OBS Studio(Windows, Mac, Linux)/ClonerAlliance Helper(Windows) to preview/record/livestream videos.

6.1 Connect



1. IN: Connect an HDMI cable between the source video player and ClonerAlliance Chert HDC.
2. USB Type-C: Connect ClonerAlliance Chert HDC to PC via USB Type-C cable.

6.2 Install software

For Windows users, ClonerAlliance Helper or third party software like OBS, VLC, etc can be used with Chert HDC.

For Mac or Linux users, please download third party software like OBS Mac/Linux version accordingly to work with Chert HDC.

You may make a selection according to your own demand.

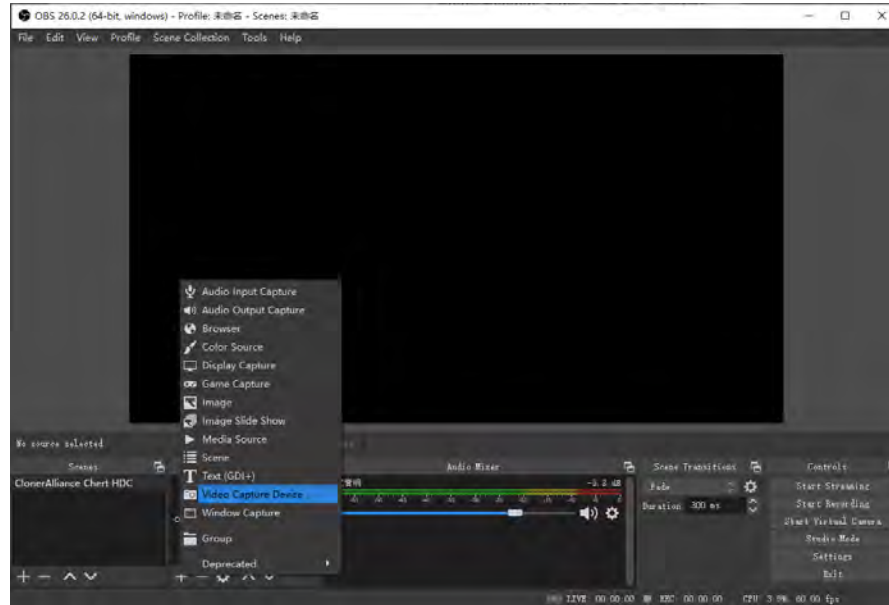
See details about *Install and register ClonerAlliance Helper*

See details about *Install OBS Studio*

6.3 Setting for preview video

Step 1:

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

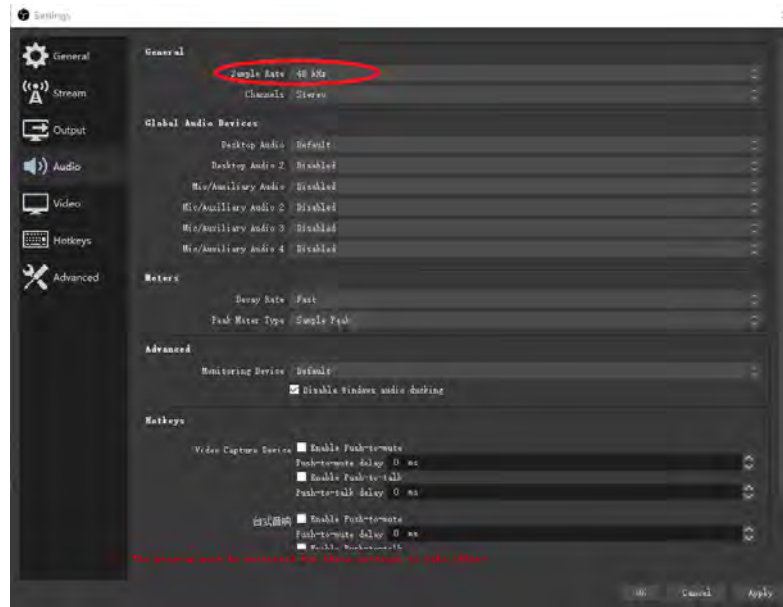


Step 2:

Select “CA CHERT HDC” in the drop box next to “Device” and at Set Audio Output Mode, please select “Output desktop audio (DirectSound), Audio Device to “CA CHERT HDC” :

Step 3:

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



Step 4:

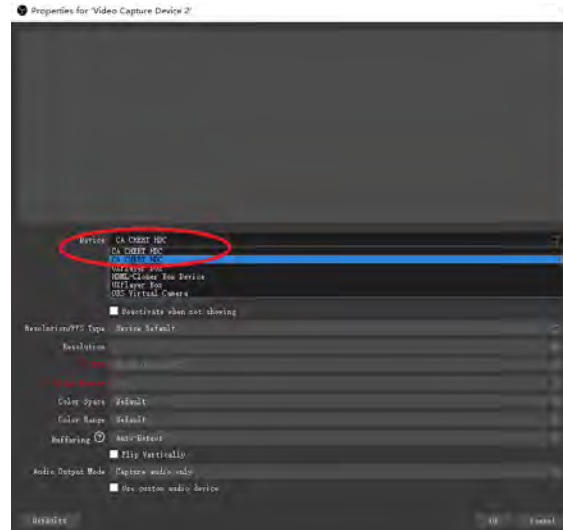
Then you can start recording or streaming video:

FREQUENTLY ASKED QUESTIONS

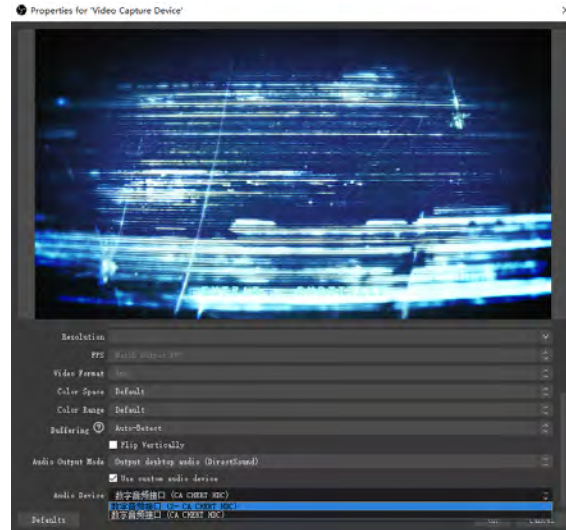
You can visit <https://www.cloner-alliance.com/faq.html> at any time to view latest technical questions and answers.

Can I use multiple ClonerAlliance Chert HDC devices on one PC at the same time?

Sure, both ClonerAlliance Helper and OBS studio can support multiple ClonerAlliance Chert HDC 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 Chert HDC Need Extra Power Supply?

No, ClonerAlliance Chert HDC can be directly powered by USB Type-C port with Android Phone or USB port on PC.

Why Does It Only Have Sound But No Video After Switching Back To Preview Screen With ClonerAlliance Chert HDC?

Please use a Hub to provide power supply for ClonerAlliance Chert HDC independently, then it will work well.

Why Is There No Audio When Running Open Broadcaster Software(OBS) With ClonerAlliance Chert HDC?

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

Please proceed as follows:

Select “Output desktop audio(DirectSound)” in “Audio Out Mode” first, then Mark “Use custom audio device” and select “CA CHERT HDC” , then click “OK” .

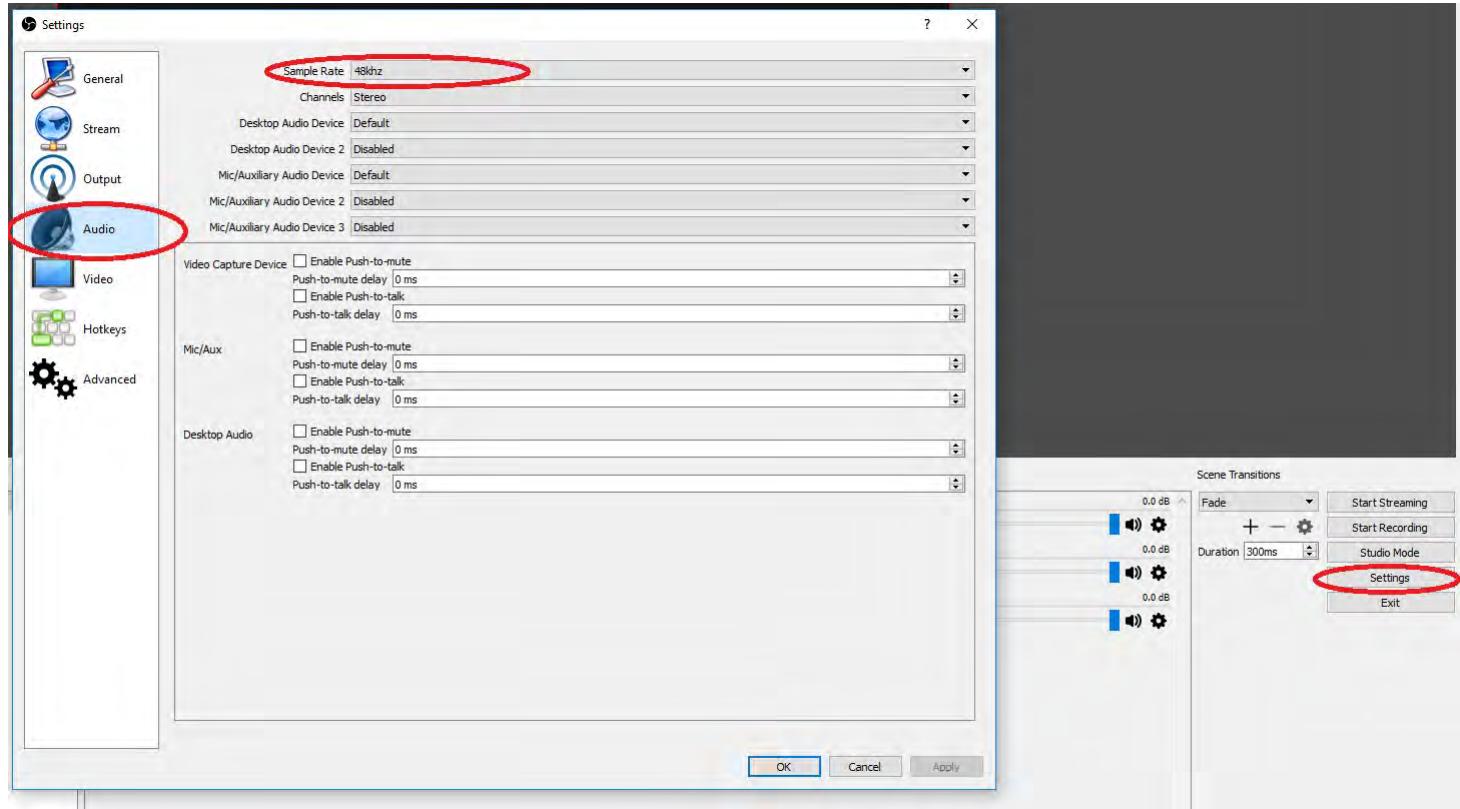
How to deal with PC doesn't recognize ClonerAlliance Chert HDC device?

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 Chert HDC?

Please set up as following and it will perform normally.

Please make sure sample rate in OBS Studio is 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.

PRODUCT SPECIFICATIONS

Max Input Resolution	30fps @ 3840 x 2160
Output format	MJPEG,YUY2
Recording Resolutions	720 x 480(60p), 720 x 576(50p), 1280 x 720(50p), 1280 x 720(60p), 1920x 1080(50i), 1920 x 1080(60i), 1920 x 1080(24p), 1920 x 1080(25p), 1920 x1080(30p)
Video standards (input)	NTSC, PAL
Input signal	HDMI
Output signals	USB Type-C
Max transmission bitrate	2Gbps
Bitrate	Max: 140Mbps
Weight	0.7 oz
Dimensions	2.0 x 1.0 x 0.5 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 assure to use ClonerAlliance products.

CONTACT US

If you encounter any problem when using our products, please contact us by 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.

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

Market Email: market@cloner-alliance.com

www.cloner-alliance.com

Copyright ClonerAlliance Inc. All rights reserved.