U S E R M A N U A L

4K HDMI to Type-C Capture

(Support 4K/30Hz or 1080P120Hz recording)

Enjoy the vivid world!

INTRODUCTION

1. Introduction

This 4K recording HDMI to Type-C video capture device can capture a single HDMI input signal, support HDMI Loop-out, mic input and line out. It compatible with Windows 7, 8, 8.1, 10, Linux OS, Mac OS and Android system. Compatible with a variety of USB3.0 chipsets (Intel, Renesas, ASMedia, Fresco Logic), backward compatible with USB2.0. Its Type-C output meets UVC and UAC standard,without having to install drivers and settings ,the real plug-and-play,easy to use.

2. Feature

1) Support HDMI input resolution up to 4K60Hz YUV4:4:4; HDMI output resolution up to 4K60Hz YUV4:4:4; support HDCP2.2, backward compatible
2) The bandwidth of Type C output is 3Gbps, compatible with USB2.0
3) Support Type-C capture preview/recording resolution up to 4K30Hz, 1080P120Hz
4) Compatible with Windows7/8/8.1/10, MacOS, LinuxOS system, free driver, plug and play
5) Support Android mobile phone, recording and live streaming
6) Support the third-party software compatible with UVC & UAC protocols, such as OBS/Potplayer/VLC/Skype/Zoom/ Adobe Flash Media Live Encoder/Vmix/Xsplit/Wirecast, and live streaming platform software, etc.
7) Support Mic mix input
8) Support Line out output

9) Support firmware upgrade to better improve product compatibility

10) Support YUY2, RGB32,NV12 capture format

3. System Requirements：

OS: Windows 10 64-bit, Mac OS 10.13 or above recommended

Hardware	Desktop computers	Notebook computer
CPU	Intel Core i5-6XXX 8G or above	Intel Core i7-7700HQ 8G or above
Graphics	NVIDIA GeForce GTX 1060 8G or above	
RAM	8G or above	
Port	USB 3.0/USB 3.1/USB 3.2	

4. Specification parameter

Input Resolution	Preview/Recording Resolution
4K60/50Hz	4K30(Max)/29.97NTSC/25,1920*1080@120Hz
	2560*1440,1920*1080,1360*768,1280*720,1280*1024, 1024*768,800*600,720*480,720*576,640*480 Frame rate: 60/59.94 NTSC/50/48 film/40/30/29.97 NTSC/25
4K30/25/24Hz	4K30(Max)/29.97NTSC/25,1920*1080@120Hz
	2560*1440,1920*1080,1360*768,1280*720,1280*1024, 1024*768,800*600,720*480,720*576,640*480 Frame rate: 60/59.94 NTSC/50/48 film/40/30/29.97 NTSC/25
2560*1440 FPS60	2560*1440 60Hz(Max),1920*1080@120Hz
	1920*1080,1360*768,1280*720,1280*1024, 1024*768,800*600,720*480,720*576,640*480 Frame rate: 60/59.94 NTSC/50/48 film/40/30/29.97 NTSC/25
1080P120/60/50Hz 1080I60/50Hz 720P60/50Hz 480P,480I 576P,576I	1920*1080@120Hz(Max)
	1920*1080,1360*768,1280*720,1280*1024, 1024*768,800*600,720*480,720*576,640*480 Frame rate: 60/59.94 NTSC/50/48 film/40/30/29.97 NTSC/25
Size	80*80*16
Power consumption	≤2.5w
Working temperature	0-70℃

5. Packaging accessories

1）HDMI to Type-C capture box 1pcs

2）Type-C cable 1pcs

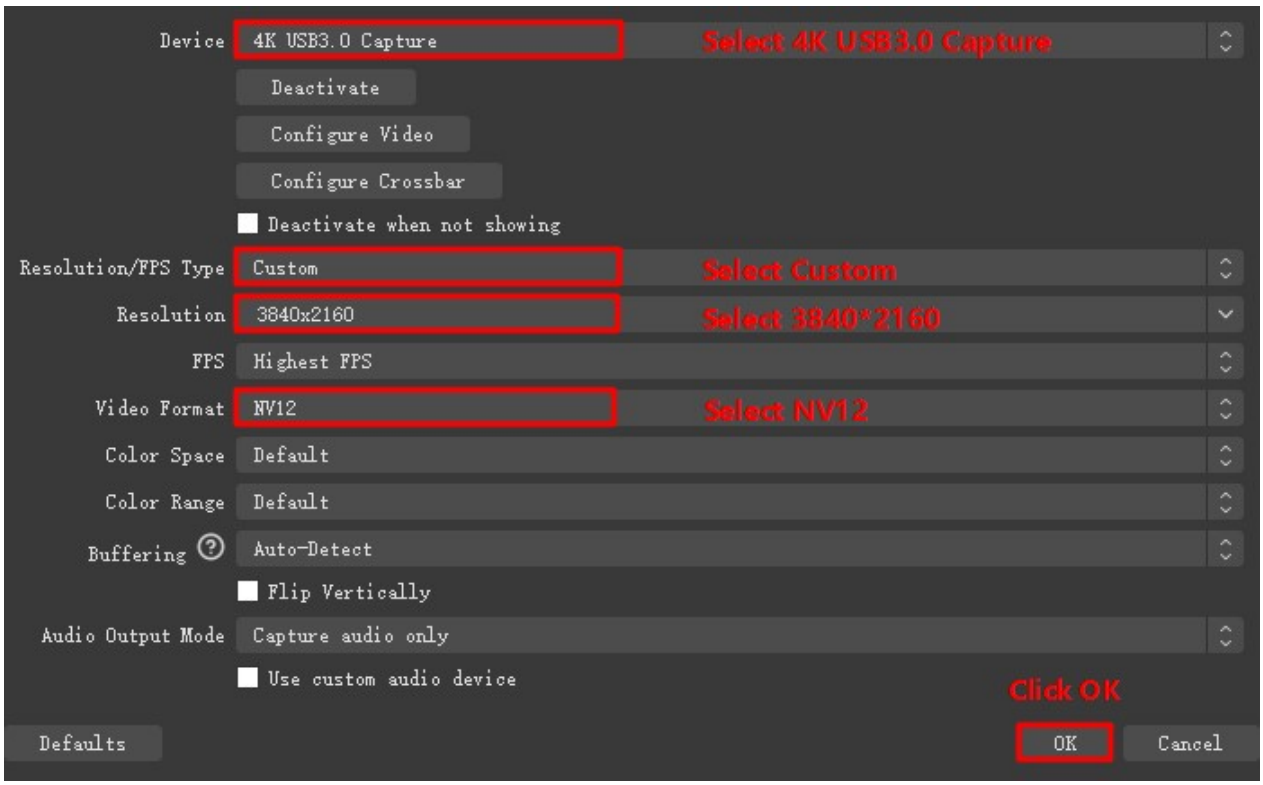
3）Product Manual 1pcs

6. Operating Instructions

6.1 Preview settings

1) Open OBS, select the second "Source" box in the lower left corner, click "+" and select "Video Capture Device", click "OK "

2) Double-click "Video Capture Device" or right-click "Video Capture Device" - "Properties", set as shown, click "OK "



Important: Please use the original cable to connect to the computer USB3.0 interface, if the preview resolution only shows 1280*720 at the highest, it means that the capture box is not correctly connected to the computer USB3.0 interface, please check

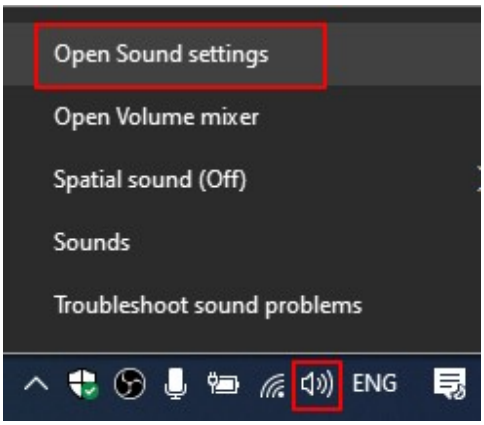
①Computer USB interface type

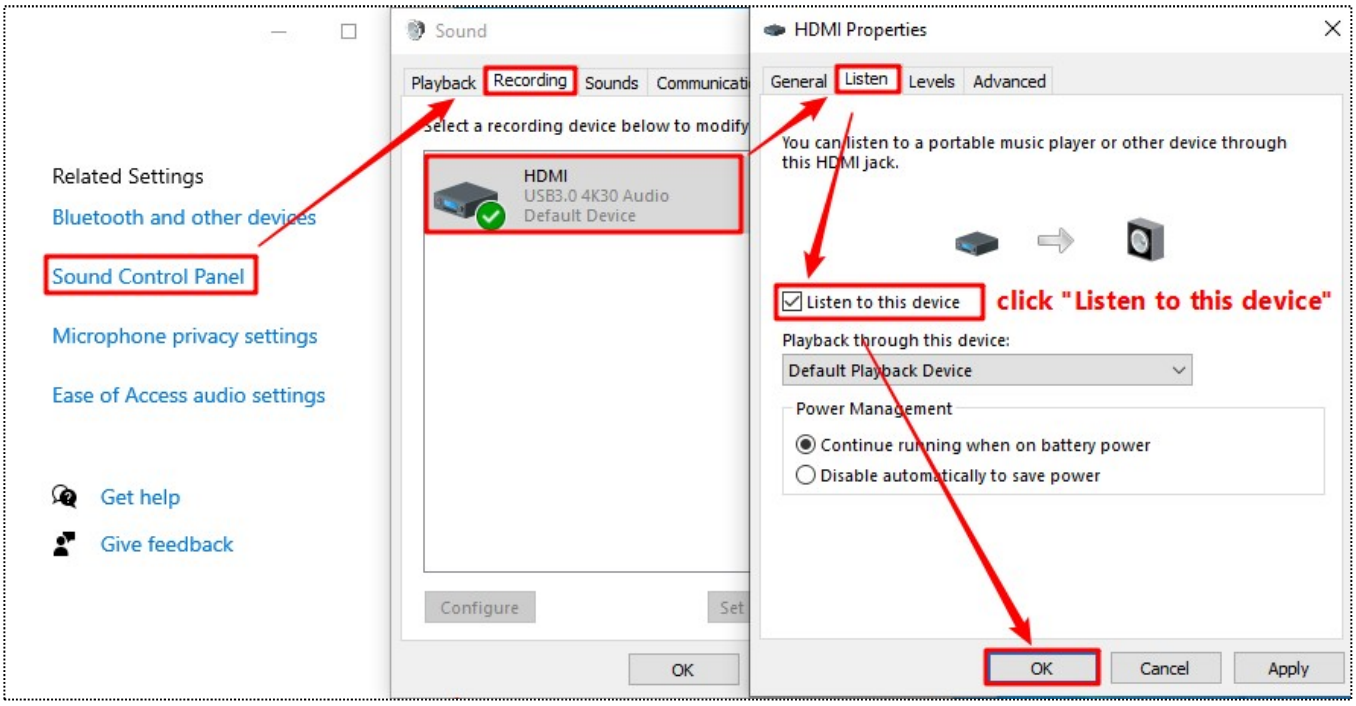
②Whether the USB cable used is the original cable

6.2 Sound settings

1) Right click on the "Speaker" icon in the lower right corner of your computer and "Open Sound Settings"

Select "Sound Control Panel" and set it as shown below:



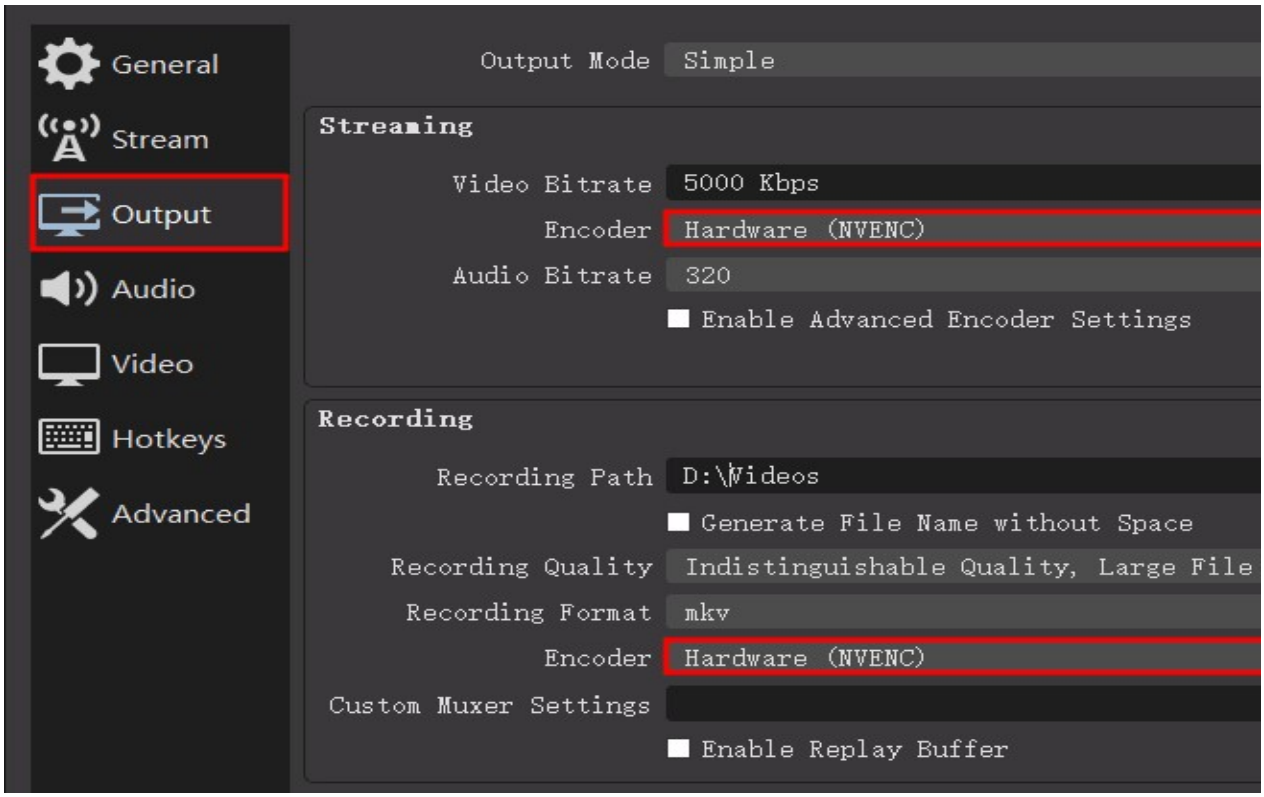


6.3 Recording Settings

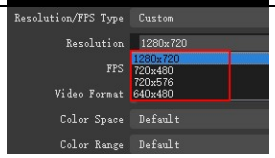
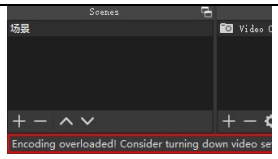
1) Click "Settings" at the bottom right corner of OBS, select "Output", choose the video save path, format, quality, etc., click "OK"

2) Click "Audio", select "Microphone/Auxiliary Audio Device"-"HDMI (4K USB3.0 Capture)"

Important: When recording streaming video with OBS, it is recommended to use "Hardware (NVENC)" or "Hardware (AMD)" encoding method in order to make reasonable use of computer resources, as shown below



7. Problem Analysis

Failure phenomenon	Failure Analysis	
	⚠ No Video	Reason: HDMI input no signal or connection failure Solution: 1) Check if the HDMI IN input is normal 2) Re-plug the HDMI IN connector
	⚠ Not Support	Reason: The resolution is not supported (such as input 1080P , recording resolution select 3840 * 2160) Solution: Adjust the input resolution of the signal source or adjust the recording resolution to make it fit (the recording resolution must not be higher than the input resolution)
	⚠ HDCP Protection	Reason: HDMI input signal supports HDCP, Solution: Turn off the source HDCP, such as PS4, select "Settings" - "System" - "Enable HDCP", deselect
	Input only up to 1280*720	Reason: Transfer rate is the transfer rate of USB 2.0 Solution: 1) Check the type of computer USB interface, replace the USB3.0 interface 2) Check if the USB cable used is the original cable
	Encoding overload, frame loss during recording or streaming	Reason: The computer configuration is too low or the hardware encoding preset is not used, which cannot meet the collection requirements Solution: 1) Encoding methods such as hardware (NVENC) or hardware (AMD) when recording or pushing streams 2) Reduce the resolution and frame rate of a recording or push stream