

USB3.0 CAPTURE 3G-SDI

-SDI TO HDMI 1080P60 & MIC+AUDIO-



User manual

1. Introduction

3G-SDI capture card, it is easy to carry, have a superior performance, superior compatibility, simple installation and many other features. It can capture one 3G-SDI input ,output HDMI 1080p and USB 1080p60 signals. The SDI video capture meets UVC and UAC standard, without having to install drivers and settings, the real PnP, easy to use.

2. Package

- USB3.0 Capture 3G-SDI Box-----1Pcs
- USB3.0 Cable-----1Pcs
- HDMI Cable-----1Pcs
- User manual-----1pcs

3. Feature

- It doesn't need to install a driver, and it is truly PnP.
- It is compatible with Windows, Linux, OS X operating systems
- USB3.0, 300-350MB/s throughput and it is compatible with USB 2.0
- The process of video and audio is done by the dongle and will not occupy the CPU.
- It can capture one single channel SDI video signals.
- It can automatically detect the input video formats and it will adjust to the set output size and frame rate automatically.
- Support SD-SDI/HD-SDI/3G-SDI input.
- Support SDI TO HDMI 1080p60(HDMI loop output 1080p60).
- Support MIC input and audio output.

4. Specification

Host Interface	USB3.0, *300-350MB/s, USB2.0, *40MB/s
Input Interface	SDI interface SDI Input Formats: SD-SDI,HD-SDI,3G-SDI HDMI Output Formats: 480i,480p,576i,576p,720p, 1080i,1080P

USB3.0 Output Formats

Resolutions:640x360/800x450/1280x720/960x540/1920x1080

Frame Rate:30/40/48/50/59.94/60 fps

Size:112x72x19 (L/W/H, mm)

Weight:130g

Power consumption <= 2.5W

Working Temperature0-50 deg C

Storage Temperature -20-70 deg C

Storage Humidity 5%-90%

5. Connect and Operate

1. Connect the signal sources such as Blu-Ray Player, Play Station , audio/video receiver, satellite receivers with SDI output interfaces with a bnc cable to the device sdi input

2. Insert the USB3.0 cable head to USB3.0 interface, the other side of the cable into your computer's USB3.0 interface.

3. SDI to USB3.0 Video Capture Dongle is based on UVC (USB video class), UAC (USB audio class)

STANDARD, without having to install drivers and settings.After installation in operating system, the relevant video and audio devices will be added on. In Windows, for example, will have new image device:

USB3.0 HD Video Capture ;

USB3.0 HD Audio Capture ;



USB3.0→Connect the computer or notebook.



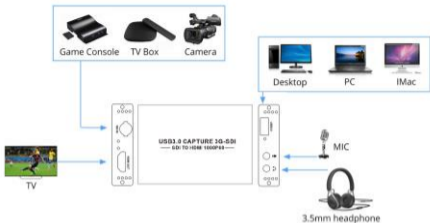
→Connect the microphone.



→Connect the headphone.

SDI IN→Connect the SDI Signal.

HDMI OUT→Connect the hdmi monitor or TV.

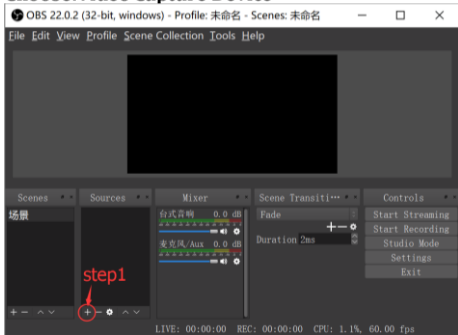


6. How to use OBS to record video?

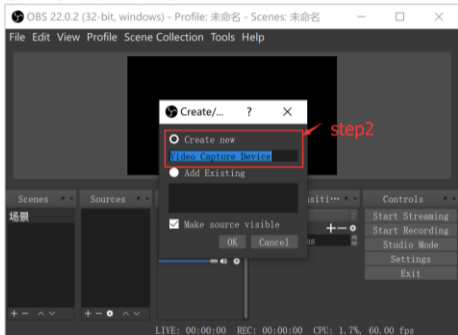
Step1:

Click:+

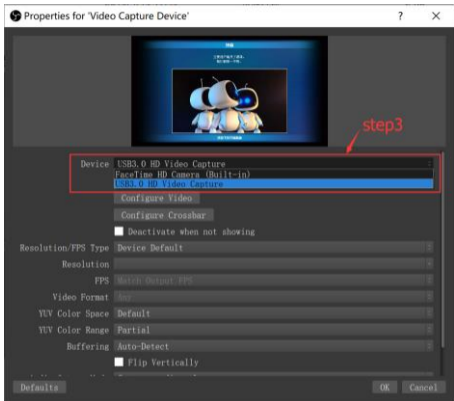
Choose:Video Capture Device



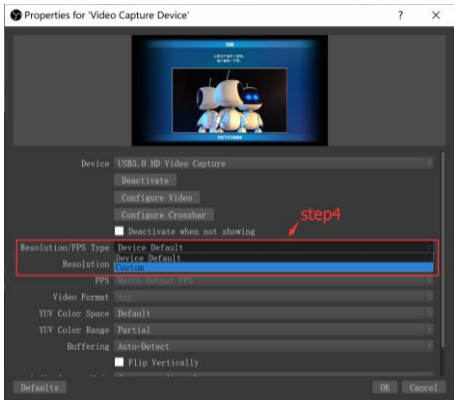
Step2: Create a new name



Step3: Device:Choose "USB3.0 HD Video Capture"



Step4:
Resolution/FPS Type:Choose "Custom"



Step5:
Resolution:Choose "1920x1080"

Properties for 'Video Capture Device'



Device USB3.0 HD Video Capture

Deactivate

Configure Video

Configure Crossbar

Deactivate when not showing

step5

Resolution/FPS Type Custom

Resolution 1920x1080

FPS 30/60/90/120/150/180

Video Format Any

YUV Color Space Default

YUV Color Range Partial

Buffering Auto-Detect

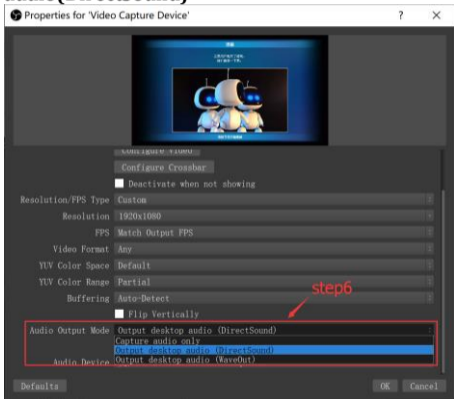
Flip Vertically

Defaults

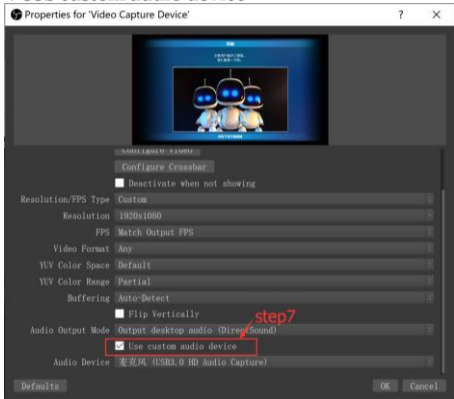
OK

Cancel

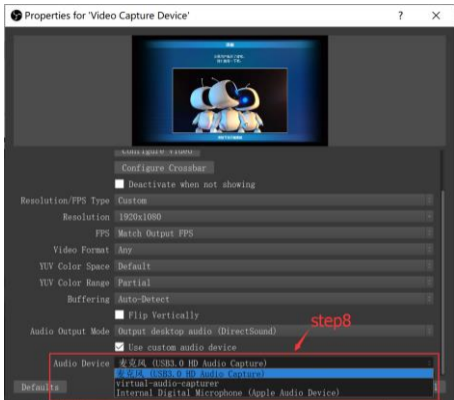
Step6: Audio Output Mode:Choose "Output desktop audio(DirectSound)"



Step7: √ Usb custom audio device



Step8: Audio Device :Choose "USB3.0 HD Audio Capture"



Step9:
Click "Start Recording"

