



Thunderbolt 3 4-way HDMI video capture docking station



User Manual

AC-TV004

Product Description

1. Thunderbolt 3 interface capture card, 40Gbps transmission bandwidth, professional-grade video processing;
- 2.HDMI1.4 input format, capture at any resolution within 1080P;
- 3.1*USB3.0 interface expansion, 5Gbps transmission bandwidth;
4. Supports 1080i hardware deinterlacing and 3D noise reduction algorithm, making the picture clearer;
5. Video processing is completed by the capture card and does not occupy the host CPU;
6. Dual system compatible, supports Windows/Mac OS operating system;
7. Support Xbox, PS4, Switch and other game consoles.

Product Interface Display



- ①4*HDMI interface (supports up to 4K@30HZ input)
- ②Thunderbolt 3 interface, supports video capture up to 1920*1080
- ③USB3.0 interface expansion, 5Gbps transmission bandwidth

Instructions for Use

Product Installation

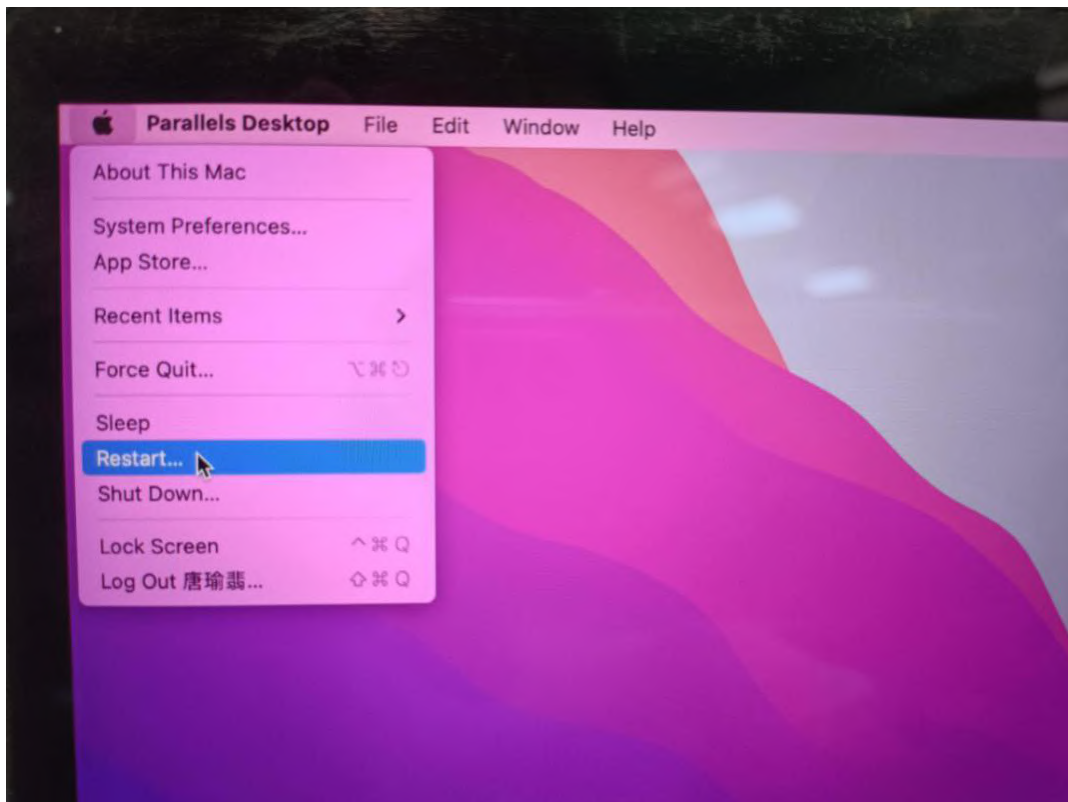
1. Connect the capture card to a computer with a Thunderbolt 3 or above interface using a Thunderbolt 3 data cable;
2. Turn on the computer and install the our capture card driver;

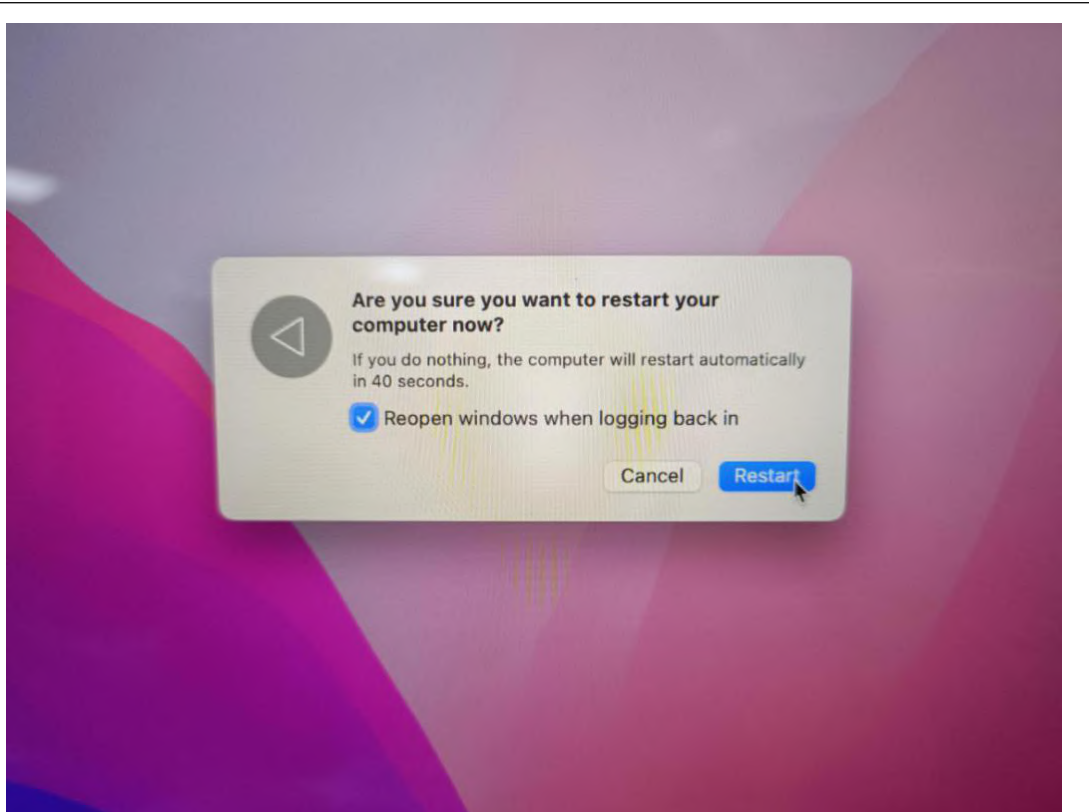
Driver Installation

ACASIS Thunderbolt 3 four-channel HDM video capture card supports Windows 10/11 and Mac OS systems. Please confirm the system type before installing the driver and consult ACASIS official customer service to send the driver for the corresponding system.

Mac OS system driver installation

1. Click the Apple icon in the upper left corner and select "Restart" to restart the computer.



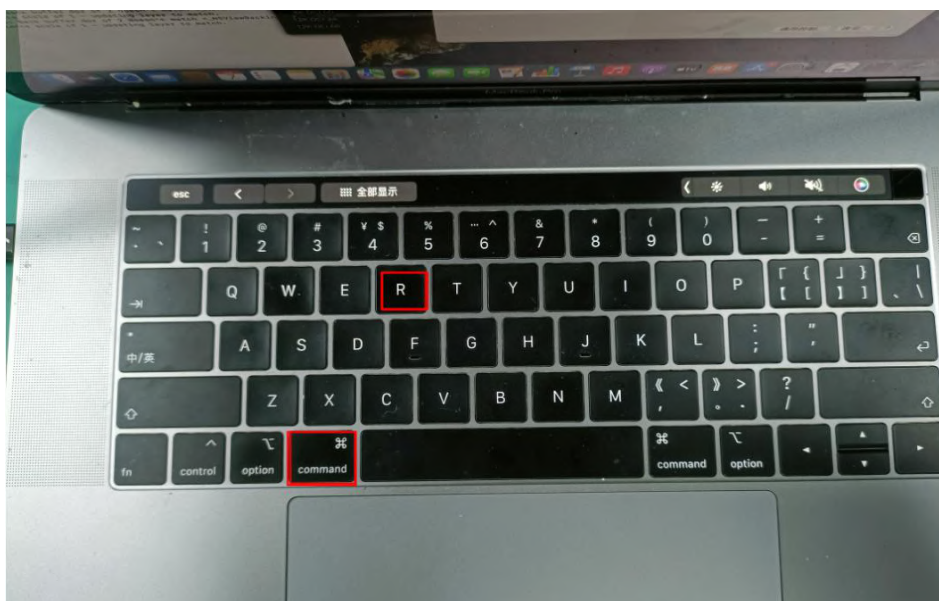


2. While restarting, press and hold the "Command+R" keys. Release the keys when you see the start-up progress bar on the boot screen.

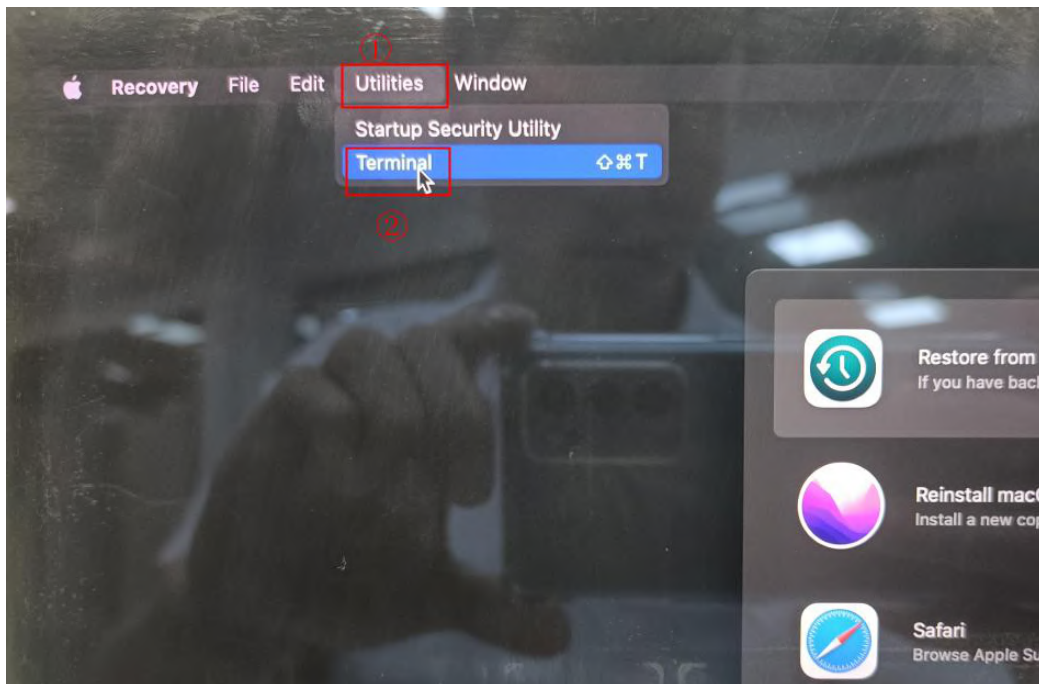
Note:

① If the MacOS Recovery screen appears, select your system user, click "Next", and enter your user password.

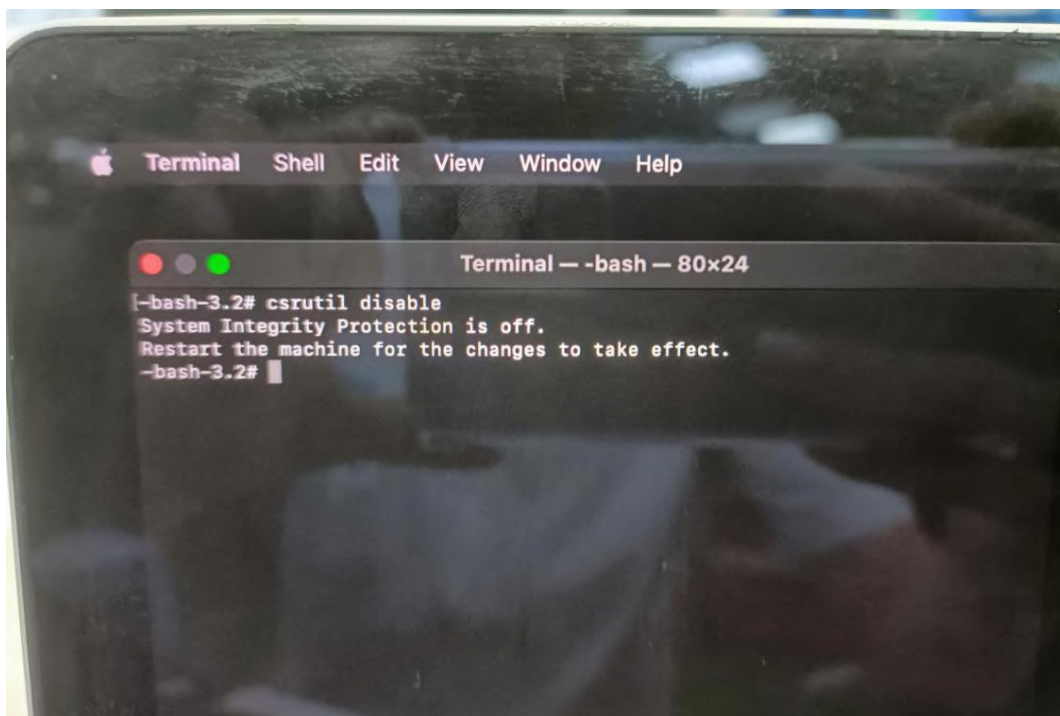
② For MacOS M1, press and hold the power button while restarting. If it does not start up after long pressing, release and then press and hold again until you see the start-up progress screen.



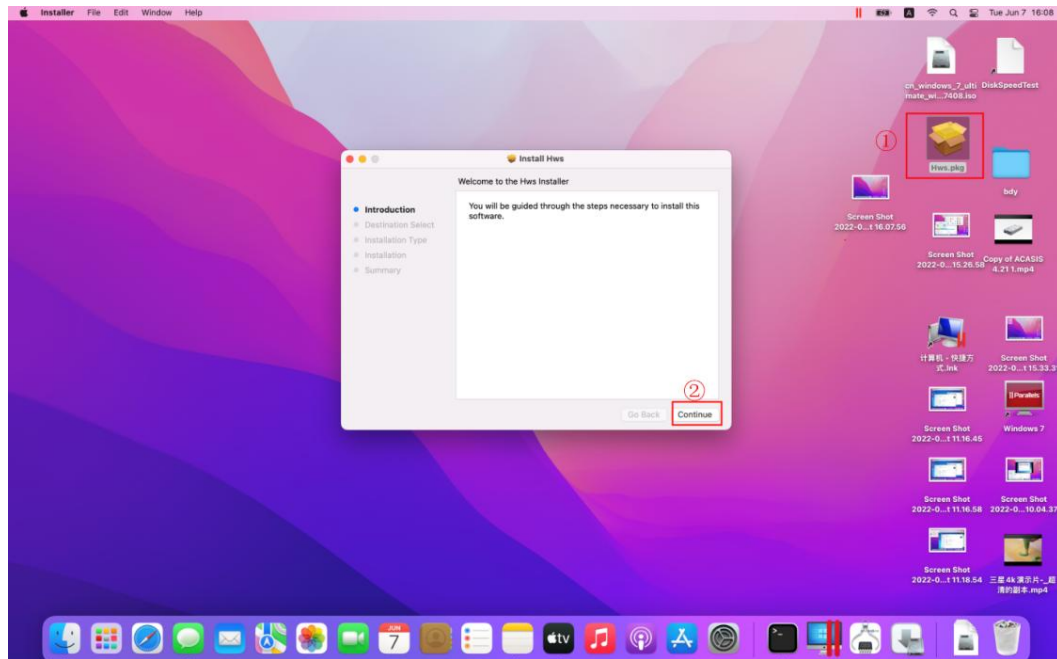
3. Select "Utilities" ==> "Terminal" to enter the terminal command interface.



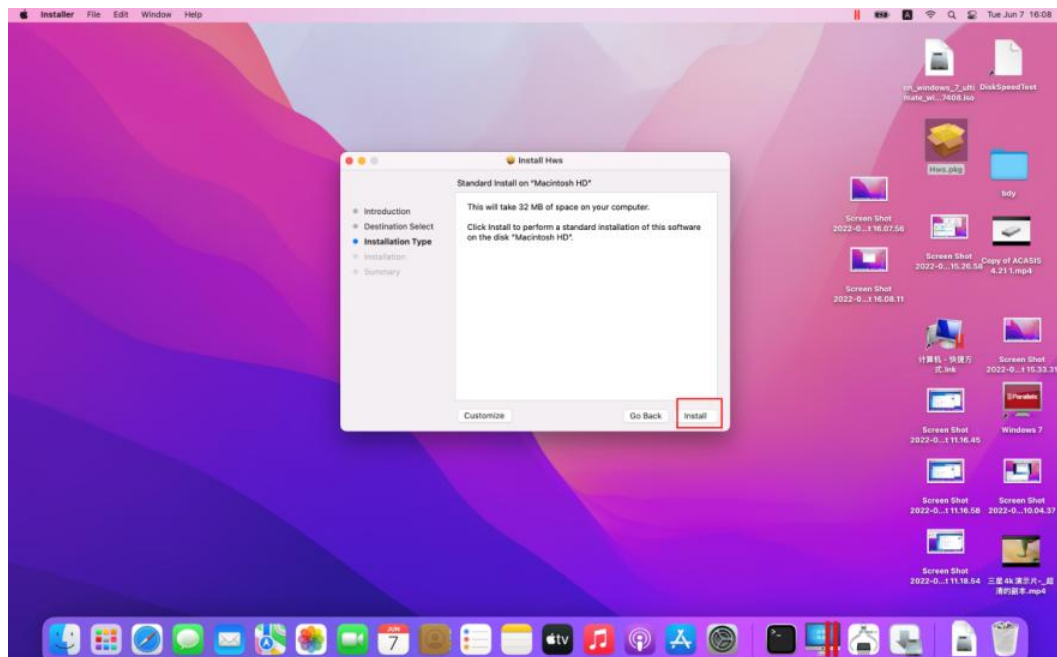
4. In the terminal command line, input "csrutil disable", press "Enter", after you see "System Integrity Protection is off. Restart the machine for the changes to take effect.", click the Apple icon in the upper left corner and select "Restart" to restart the computer.



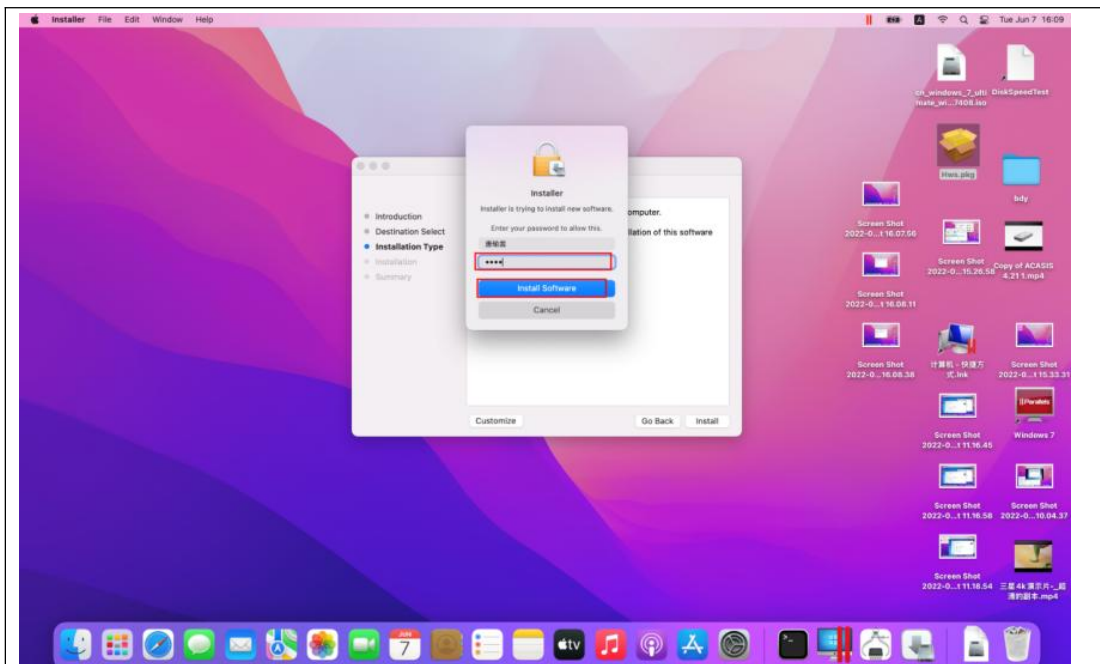
5. After the computer restarts, find the TV004 driver installation package on the desktop, double click the TV004 driver installation package ==> Click "Continue".



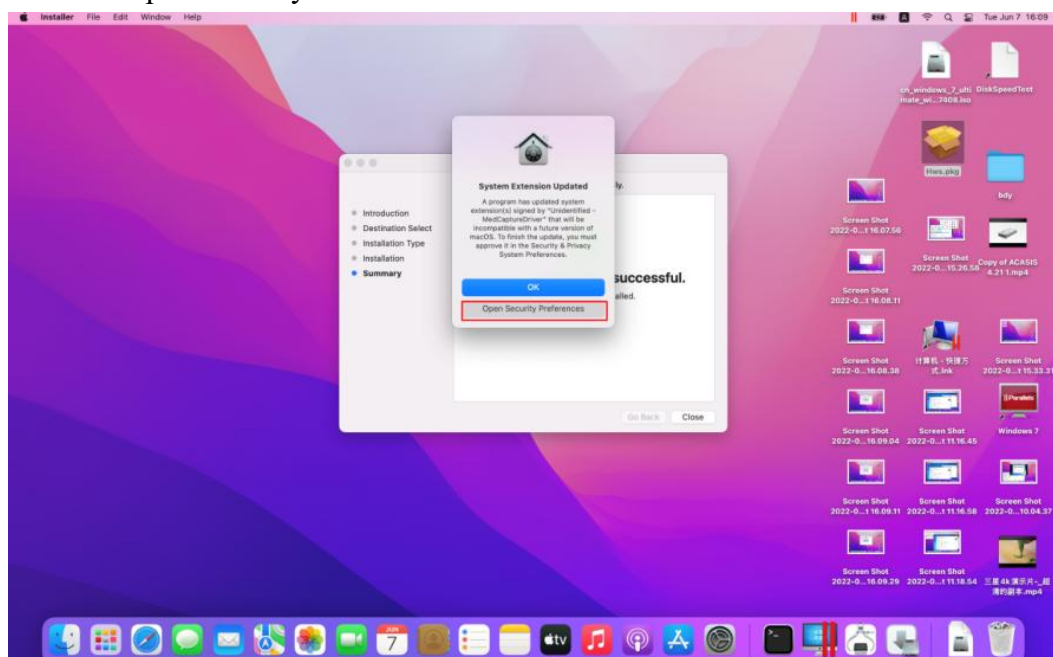
6. Click "install".



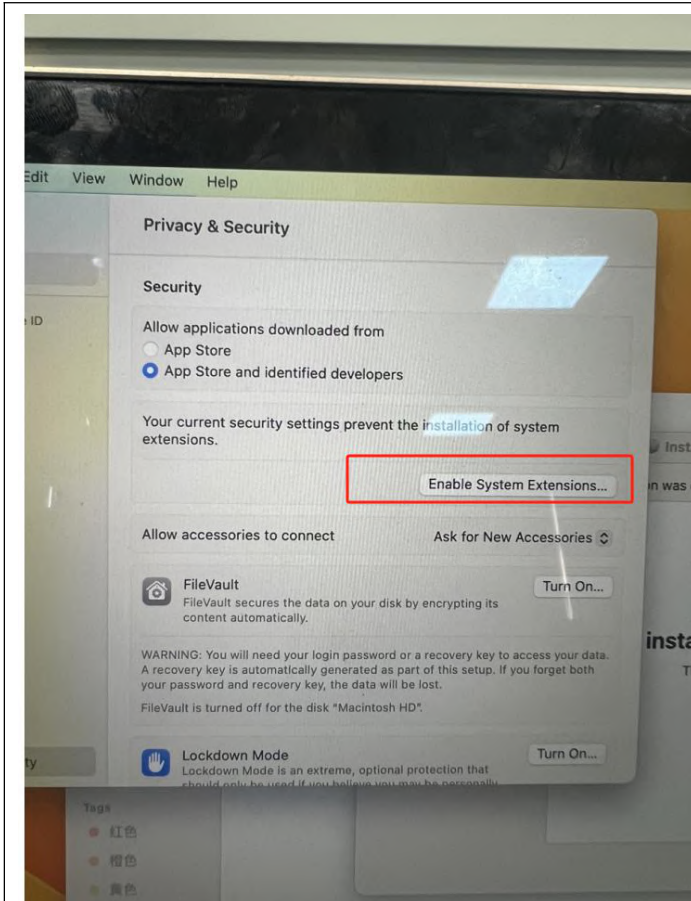
7. Enter user password, click "install software".



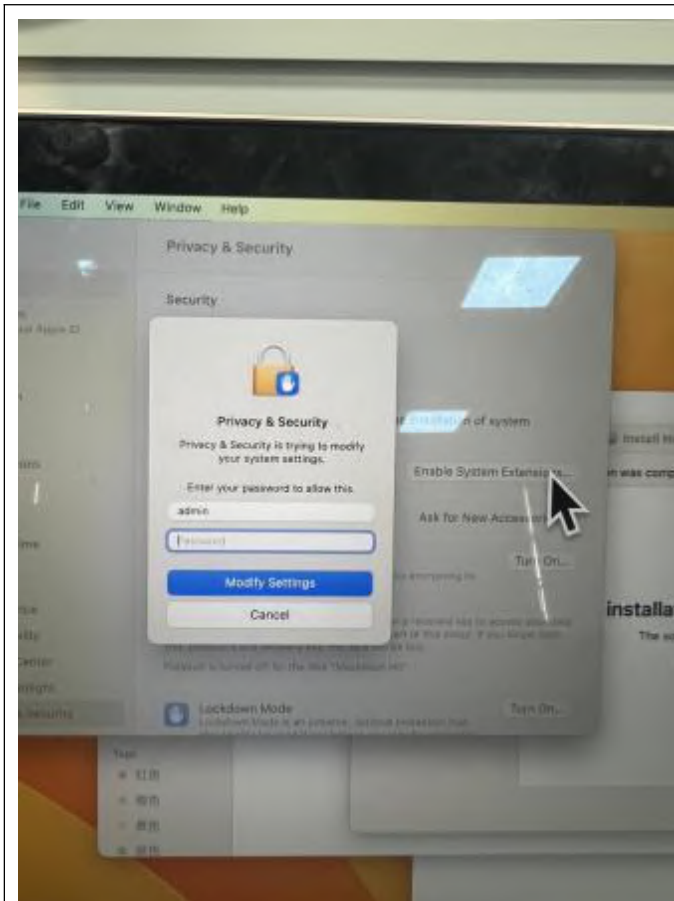
8. Click "Open Security Preferences".



9. Click on System Settings to enter Privacy and Security settings, select "Enable System Extensions".

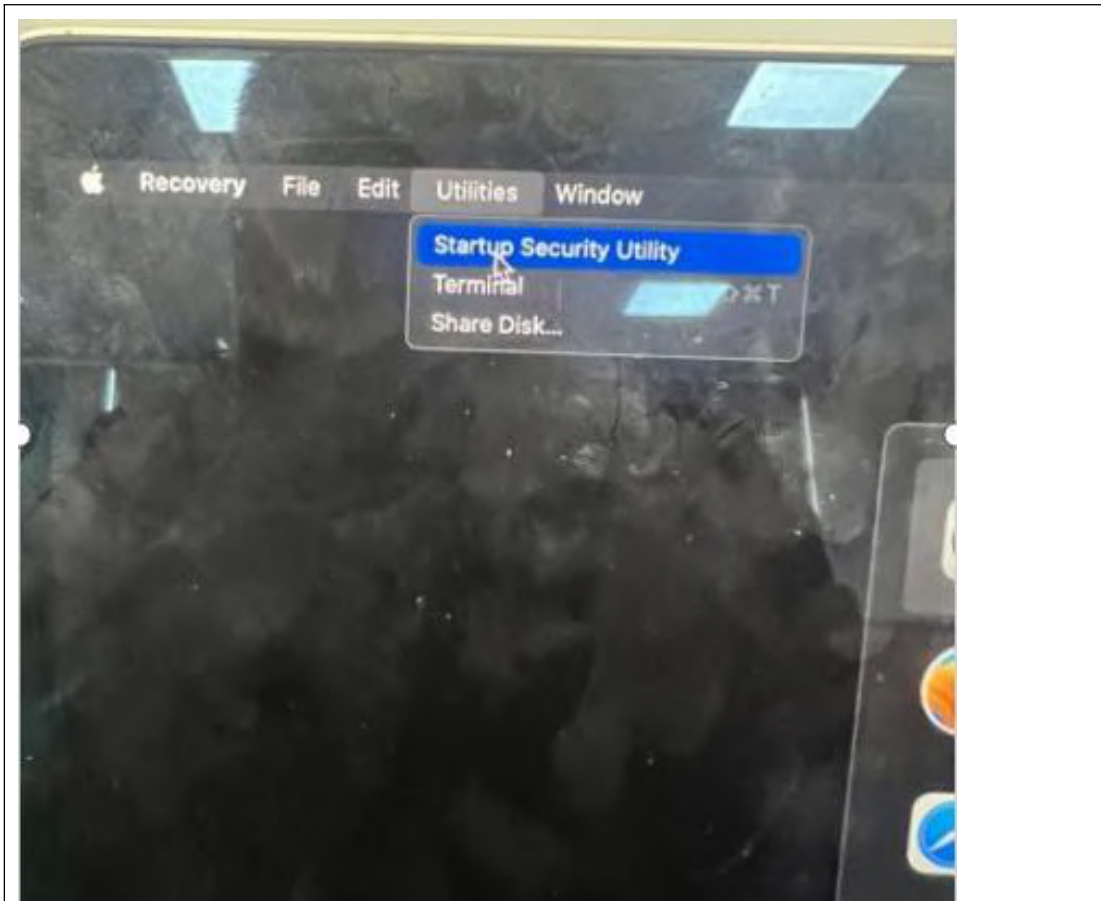


10. Click to enter password, click to shut down computer.

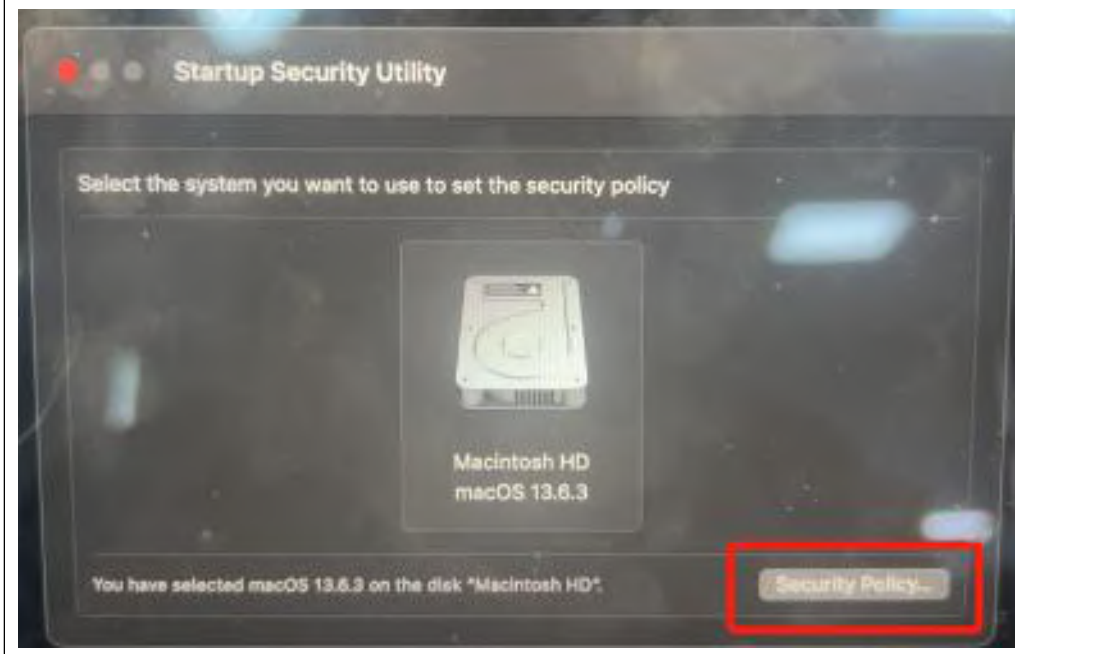


11. After shutting down computer, enter Safe Mode interface (press power button once and then long press).

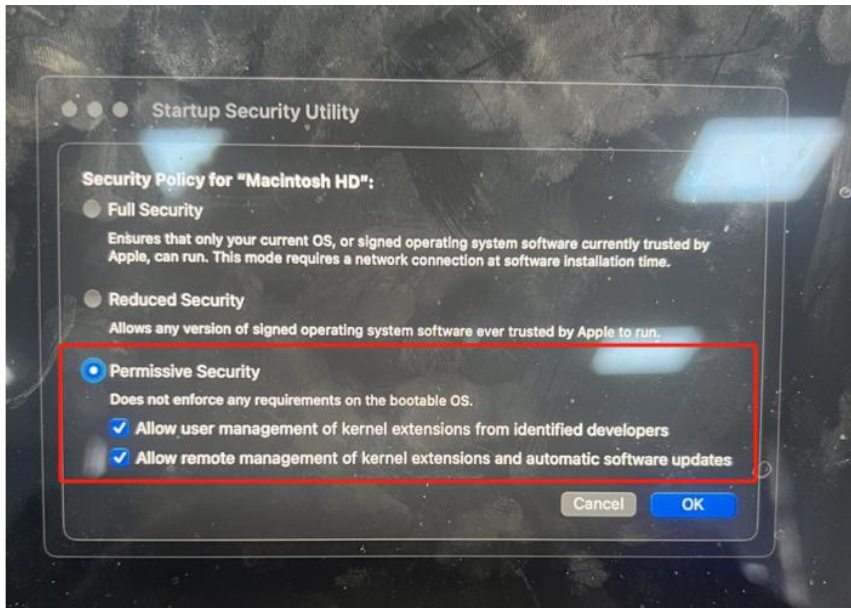
12. Select Utilities, click "Startup Security Utility".



13. After entering Disk, click "Security Policy" in lower right corner.



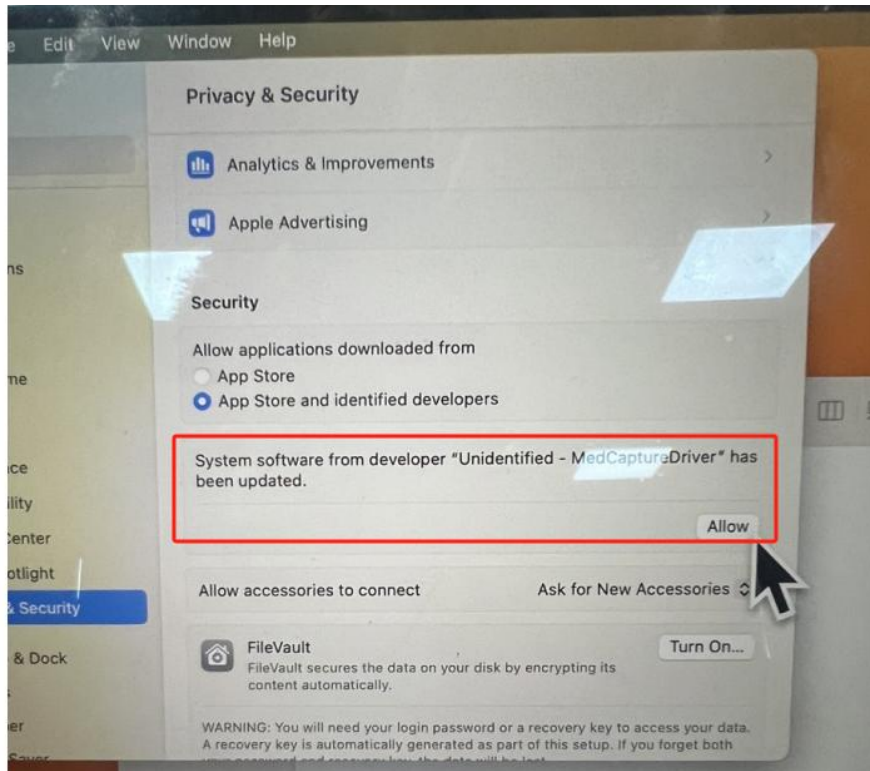
14. Select "Permissive Security", check the two options below, then click "OK".



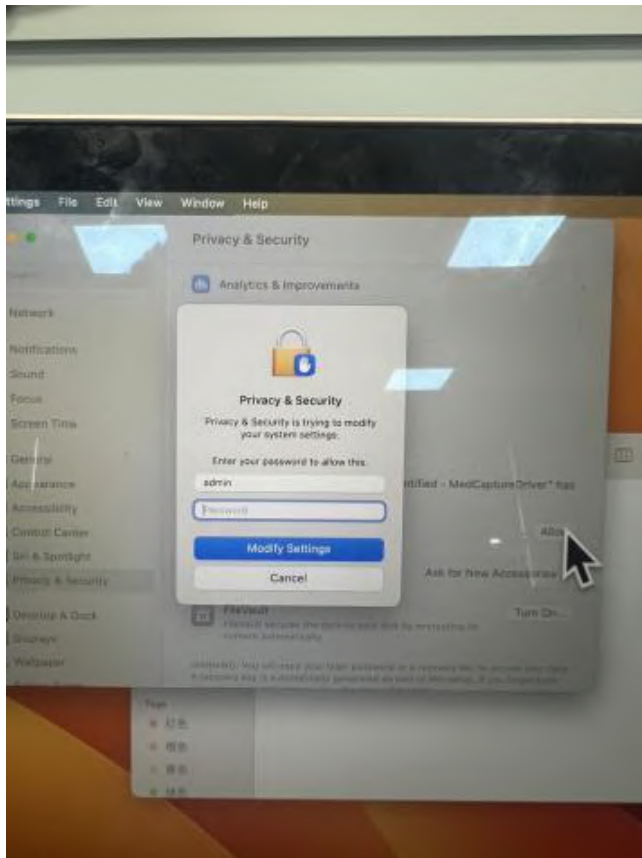
15. Enter password, click "OK", then click the Apple icon in the upper left corner and choose "Restart".



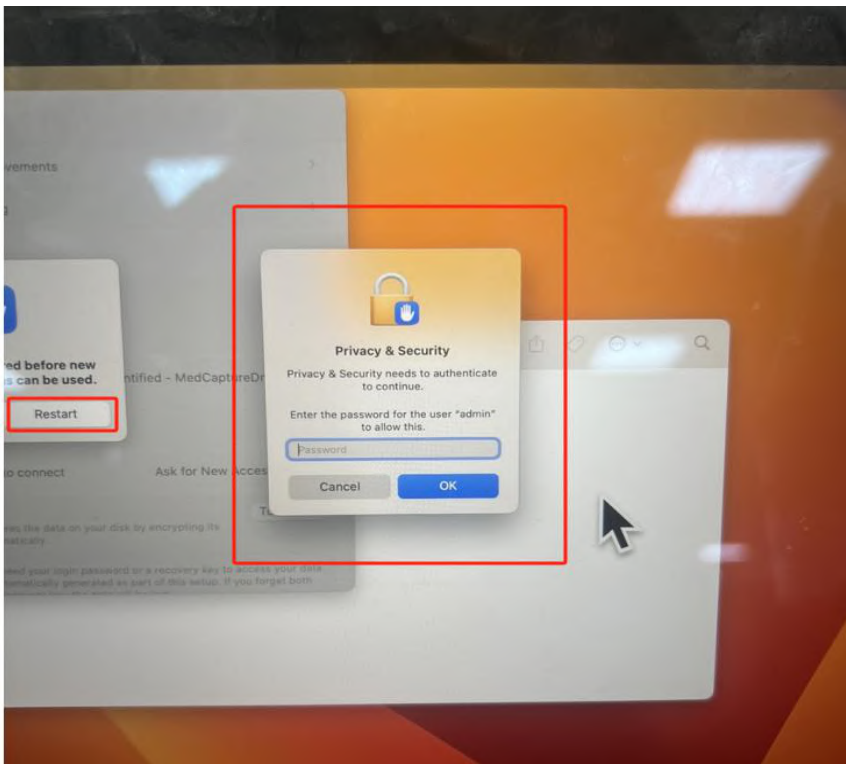
16. After restarting your computer, enter Privacy and Security settings again, click on System Extensions, click "ALLOW".



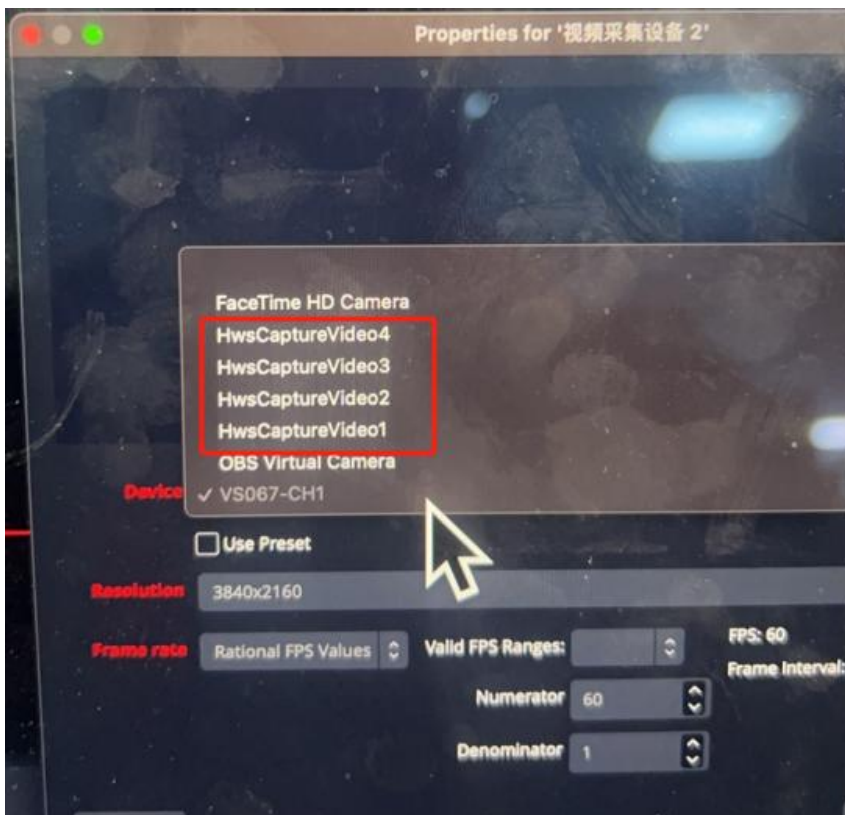
17. Enter password.



18. Enter password again, click restart.



19. After restarting, you can use normally.



Windows system driver installation

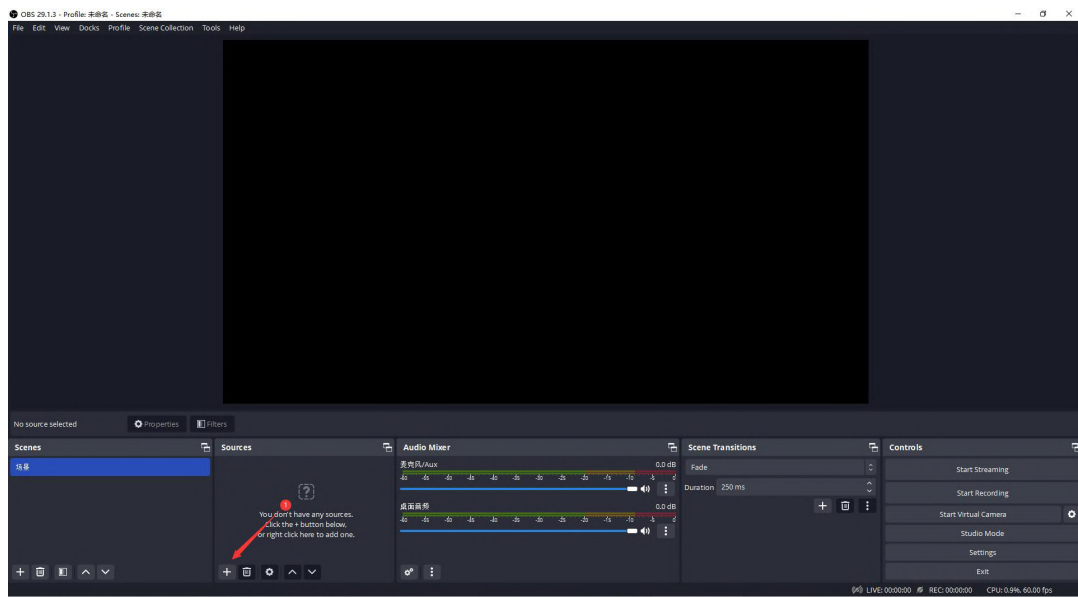
- (1) Consulting shop@acasis.com Or download the driver from the official website.
- (2) After receiving the driver, you must unzip it all. Otherwise it cannot be used normally.
- (3) Open the driver after installation
- (4) Select WINDOWS system
- (5) Decompress this driver
- (6) Open driver software==>Always open==>Until Open this "Drvlnstall_X64.exe"
- (7) Prompt after opening==>(find Video Capture Card number: 1)==>(Install the driver)
- (8) Click(Install the driver), Wait for the prompt to complete the installation
- (9) Now it can be used normally

Product use

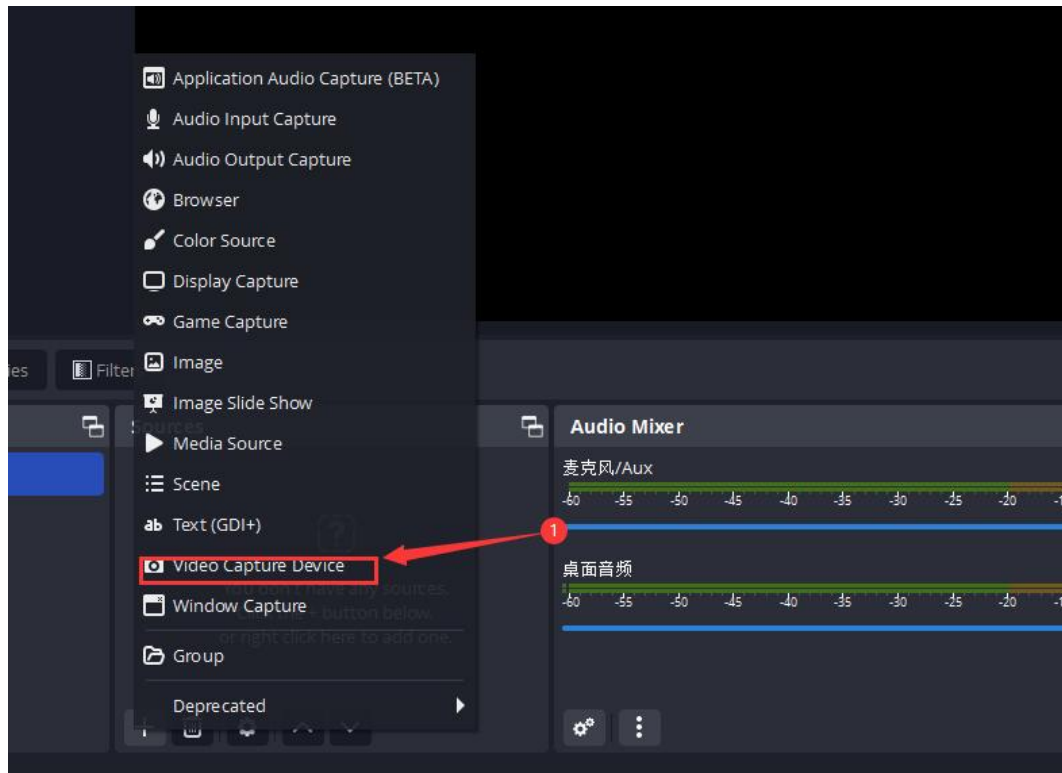
After connecting to the computer, you can capture video on the video software, taking OBS as an example.

1.OPEN OBS

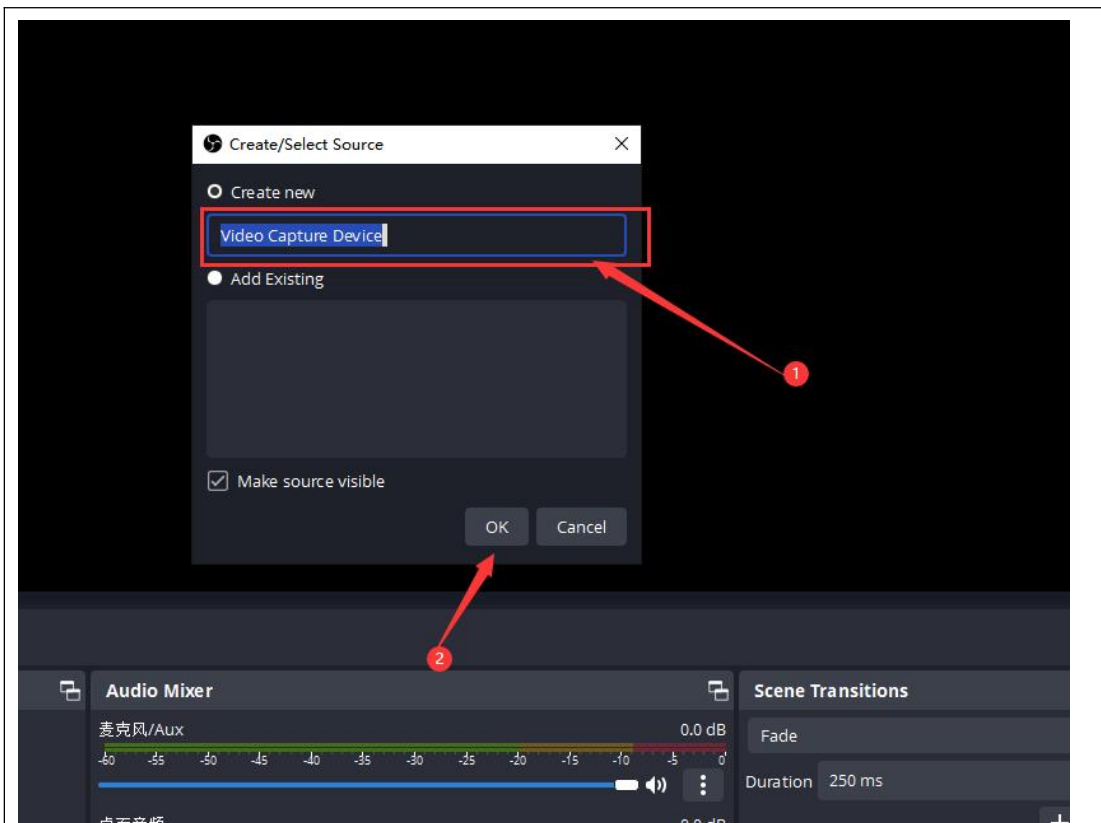
2.Click on “+” below



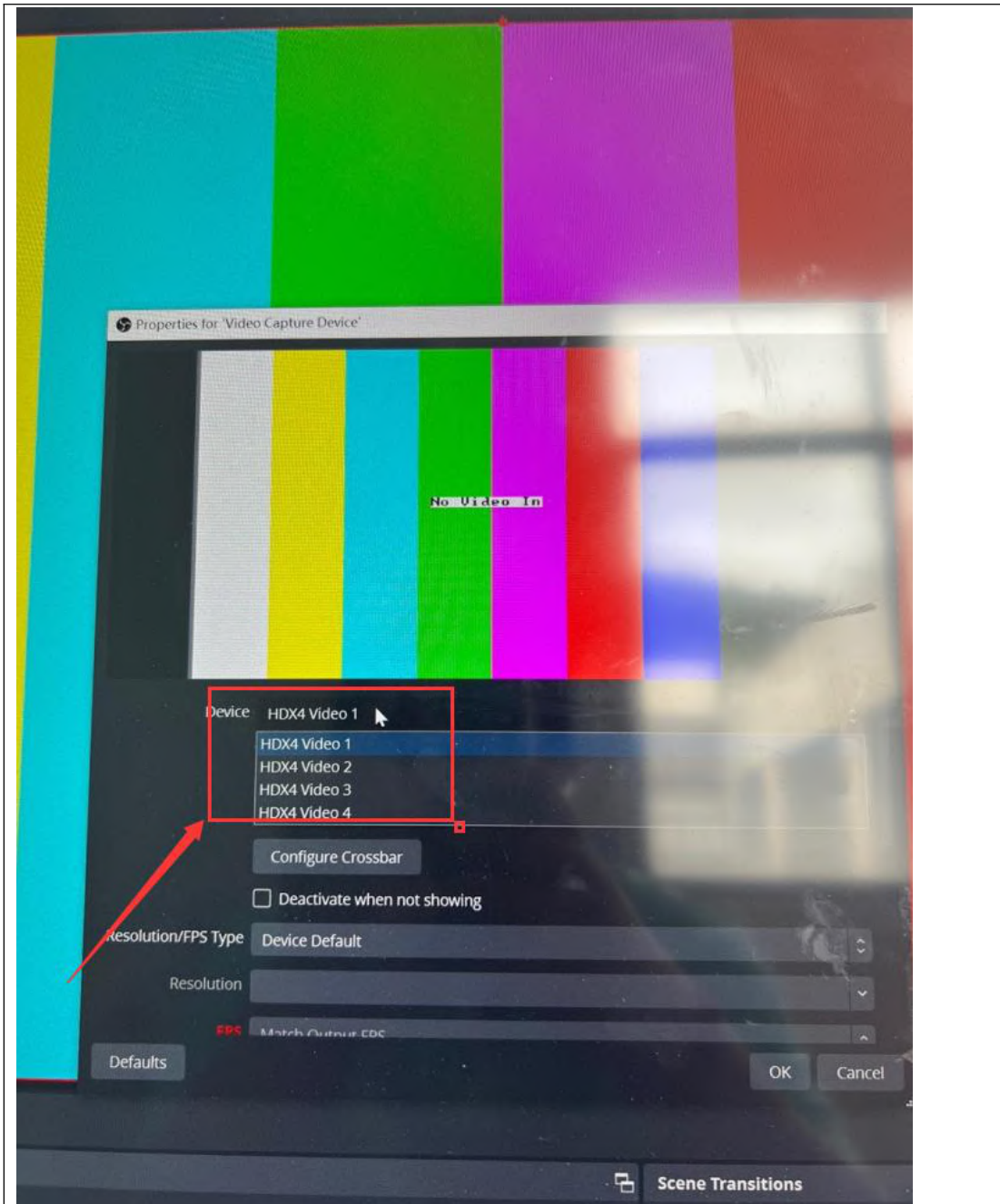
3. Click Video Caputre Device



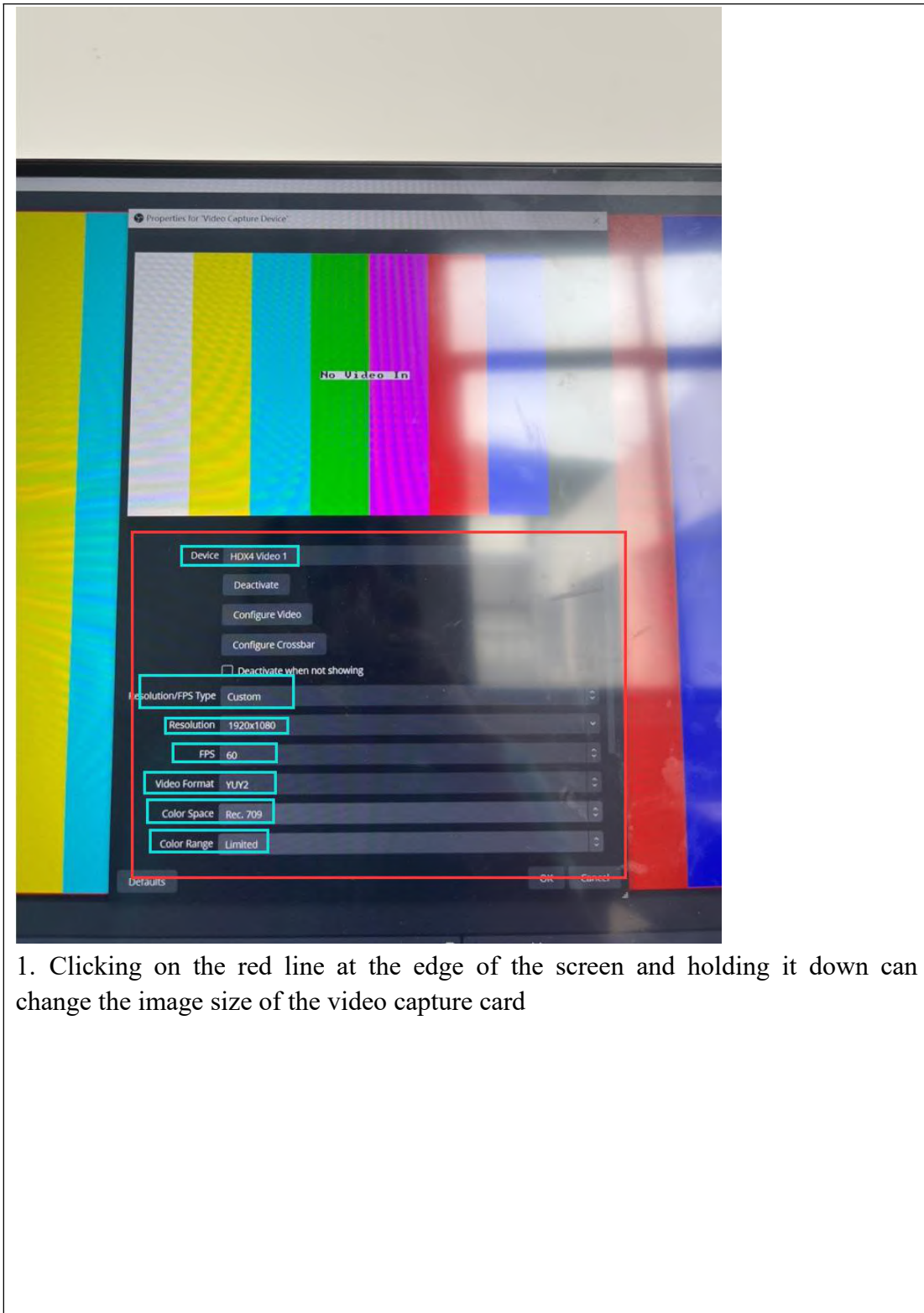
4. If you want to use multiple Pictures of multiple video capture, we suggest renaming ① to distinguish usage. For example : Viedo 1
If you no need for multi-channel video capture card, please click ②



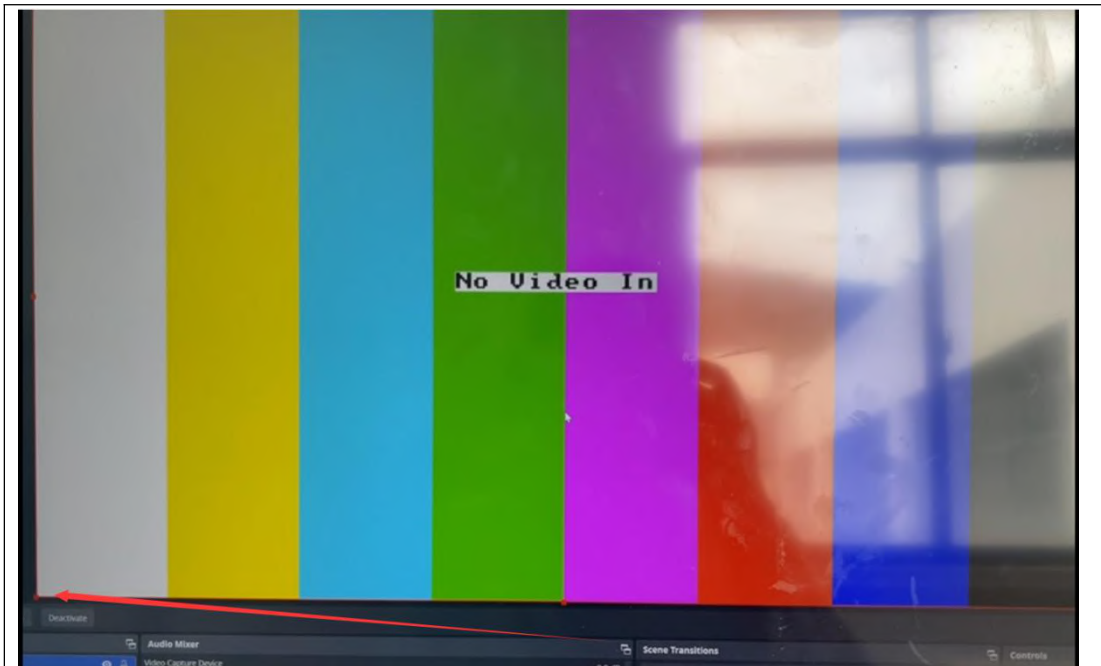
5. Select Video Capture Card



6. Select the resolution to use (You can also refer to pictures)



1. Clicking on the red line at the edge of the screen and holding it down can change the image size of the video capture card



2. You can set the desired video capture card image, size, and location (Refer to the following figure)

For example: Layout 1



For example: Layout 2



For example: Layout 3



The USB interface of the capture card can be connected to devices such as USB capture card/keyboard and mouse/sound card/SSD,HDD enclosure.

Product Specifications

product name	Thunderbolt 3 Quad HDMI Video Capture Card
Product number	AC-TV004
Material/color	Aluminum alloy /iron gray
Standard sizes	179mm*80mm*20mm
Transmission interface	Thunderbolt 3 interface*1 40Gbps transmission bandwidth, 8-channel capture card capable of daisy chaining
video input	HDMI*4
HDMI input format	HDMI-1.4
input resolution	Any resolution within 1080P
Video sampling rate	Comply with Directshow specification
Audio input	4-way LPCM audio signal
audio frequency capture	Comply with DirectSound specification
USB input port	USB 3.0 5Gbps transmission bandwidth
Output color space	YUY2
Hardware deinterlacing	Supports 1080i hardware deinterlacing. ,3D noise reduction algorithm, clearer picture
System compatible	Support Windows 10/11 and Mac OS operating systems
HDPC support	Support Xbox, PS4, Switch and other game consoles
Compatible software	Windows Media Encoder Adobe Flash Media Live Encoder, Real Producer Plus, Vlc. Wirecast VMIX...
Compatible development interface	DirectShow (Windows) standard interface
Power consumption	<=5.0w
range of working temperature	0-85 degrees Celsius

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