

Valore 2-in-1 Video Capture Card

VALORE

Thank you for purchasing the Valore 2-in-1 Video Capture Card (VUH-43).

Important: Please read the user manual thoroughly before using the product.

Features:

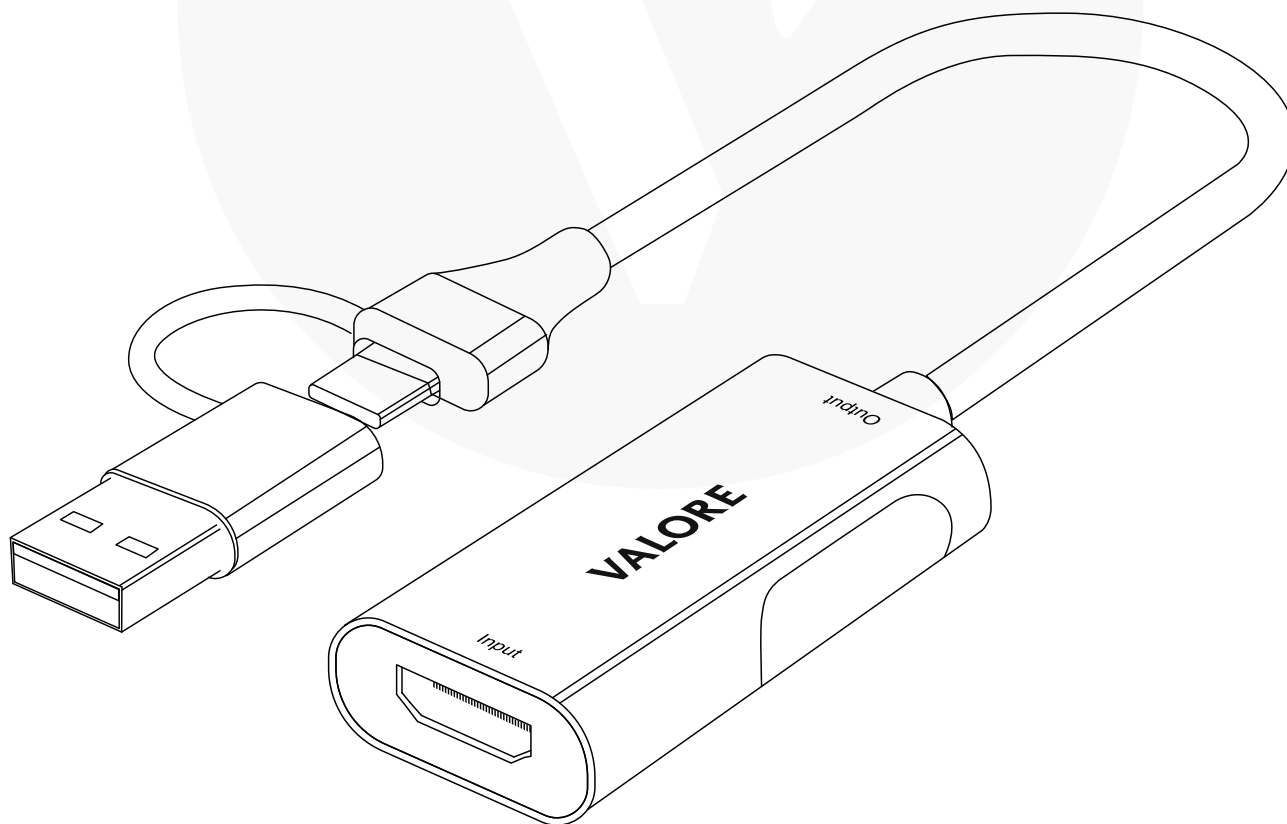
- HDMI to USB-A/USB-C
- Full HD capturing & recording
- Plug & play

Specifications:

- Supported Systems: Windows/macOS/Android
- Supported Formats: YUY2/MJPEG
- Supported Software: OBS, PotPlayer
- HDMI Input Port: 4K@30Hz
- USB-A/USB-C 3.0 Output Port: 1080P@60Hz
- Material: Aluminum Alloy

Package Contents:

- 2-in-1 Video Capture Card x1



PRODUCT FEATURES

HD RX

- HD 1.4b compatible
- Supports DVI 1.0
- Supports HDCP 1.4
- Supports RGB444, YCBCR422, YCBCR444, YCBCR420 color space
- Supports CEA-861-E/CEA-861F video format
- Maximum input resolution: 4K (3840X2160@30Hz)

HD TX

- HDMI 1.4b compatible
- Supports EDID/HPD coping
- Supports DVI 1.0
- Maximum input resolution: 4K (3840x2160@30Hz)
- Supports HD RX to HDTX pass-through mode output

USB3.0

- Built-in USB 3.0 device is compatible with USB 2.0 device mode
- USB video complies with UVC 1.0 protocol
- USB audio conforms to UAC 1.0 protocol
- USB video output supports YUV422 and MJPEG modes
- USB video output resolution: default maximum resolution 1920x1080@60Hz

OSS SUPPORT

- Windows XP/7/8/10/11
- Android 5.0 or above
- Linux
- macOS

A. Windows Computer Configuration Requirements. (UVC Protocol is Required)

	Desktop	Laptop
CPU	Intel Core i5-6XXX or above	Intel Core i7-7700HQ or above
GPU	NVIDIA GeForce GTX 1060 or above	NVIDIA GeForce GTX 1050 Ti or above
RAM	8GB (Dual channel)	8GB (Dual channel)

B. Apple macOS: System software version 10.12 and above.

C. Linux system: Ubuntu 16.04 LTS 64-bit.

D. Mobile phone requirements for using third-party software such as USB camera apps:

1. Android 9 and above (e.g., Huawei Mate 20/Honor 30 Lite).
2. Only USB 2.0 is supported; USB 3.0 is not supported due to the lack of Android UVC Driver support.
3. For USB Android phones, a USB 2.0 extension cable must be connected to use USB 2.0 mode.

SPECIFICATIONS

USB3.0 Model

YUV422

1920x1080 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1600x1200 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1360x768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x1024 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x960 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x720 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1024x768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
800x600 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720x576 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720x480 @ 60Hz/50Hz/30Hz/20Hz/10Hz
640x480 @ 60Hz/50Hz/30Hz/20Hz/10Hz

MJPEG

1920x1080 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1600x1200 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1360x768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x1024 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x960 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280x720 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1024x768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
800x600 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720x576 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720x480 @ 60Hz/50Hz/30Hz/20Hz/10Hz
640x480 @ 60Hz/50Hz/30Hz/20Hz/10Hz

USB2.0 Model

YUV422

1920X 1080 @ 10Hz/5Hz
1600X 1200 @ 10Hz/5Hz
1360X768 @ 15Hz/8Hz
1280X1024 @ 15Hz/8Hz
1280X960 @ 15Hz/8Hz
1280X720 @ 20Hz/10Hz
1024X768 @ 20Hz/10Hz
800X 600 @ 30Hz/20Hz/10Hz
720X 576 @ 50Hz/30Hz/20Hz/10Hz
720X 480 @ 60Hz/30Hz/20Hz/10Hz
640X 480 @ 60Hz/30Hz/20Hz/10Hz

MJPEG

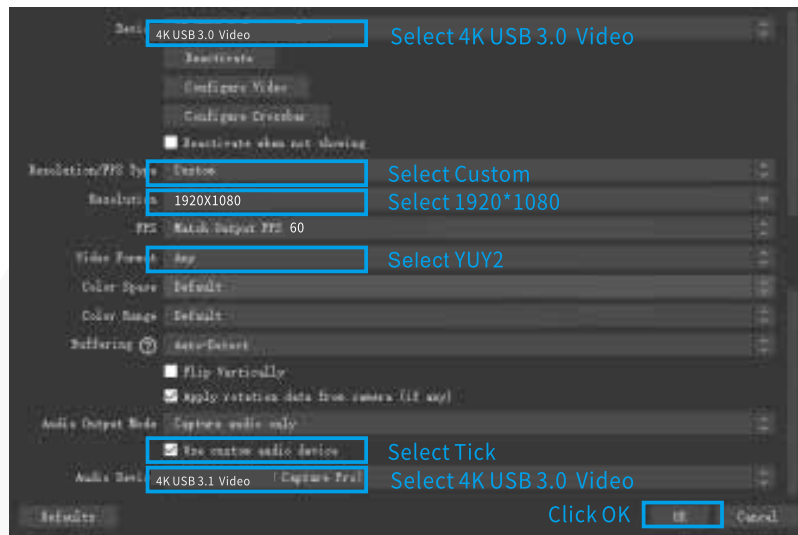
1920X 1080 @ 50Hz/30Hz/25Hz/20Hz/10Hz
1600X 1200 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1360X768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280X 1024 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280X960 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1280X720 @ 60Hz/50Hz/30Hz/20Hz/10Hz
1024X768 @ 60Hz/50Hz/30Hz/20Hz/10Hz
800X 600 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720X 576 @ 60Hz/50Hz/30Hz/20Hz/10Hz
720X 480 @ 60Hz/50Hz/30Hz/20Hz/10Hz
640X 480 @ 60Hz/50Hz/30Hz/20Hz/10Hz

OPERATING INSTRUCTIONS

4.1 Preview Settings

4.1.1 Open OBS and select the second "source" box located in the lower left corner. Then, click the "+" button to choose "Video capture device" and click "OK".

4.1.2 Double-click on "Video Capture Device" or right-click and select "Properties" for the Video Capture Device. Make sure to adjust the settings as displayed in the figure, and then click "OK".

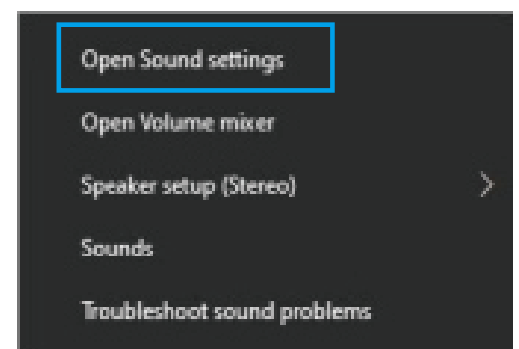


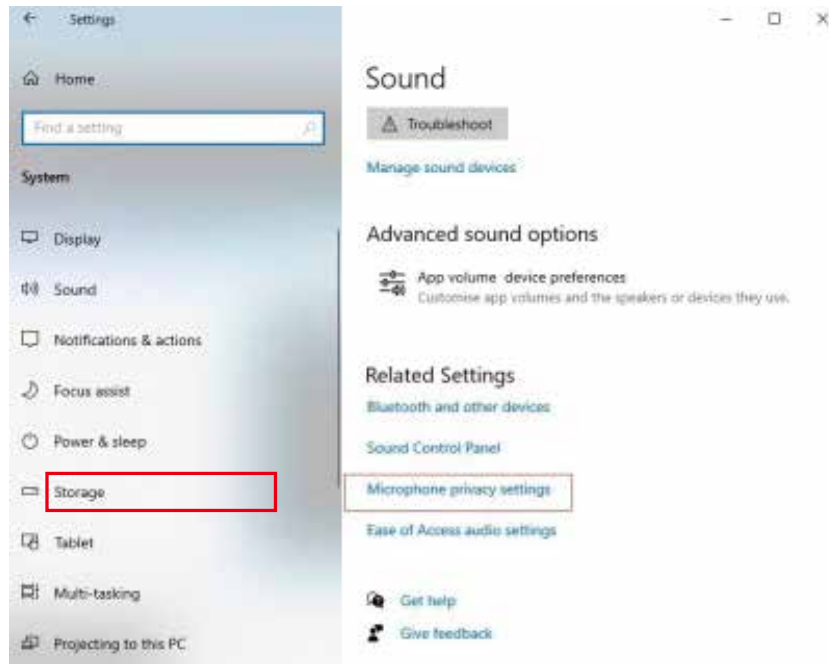
Important: Please use the original cable to connect to the USB 3.0 interface of the computer. If the preview resolution only displays 1280x720, it indicates that the capture device is not correctly connected to the computer's USB 3.0 interface. Please check the following:

1. The type of USB interface on the computer.
2. Whether the USB cable being used is the original one.

4.2 Sound Settings

4.2.1 Right-click on the "Speaker" icon located in the lower right corner of the computer. Then, select "Open Sound Settings" and choose "Sound Control Panel". Next, click on the "Record" tab and select "HDMI Properties". Check the option "Listen to this device" and click "OK". (Applicable for Windows 7 system)





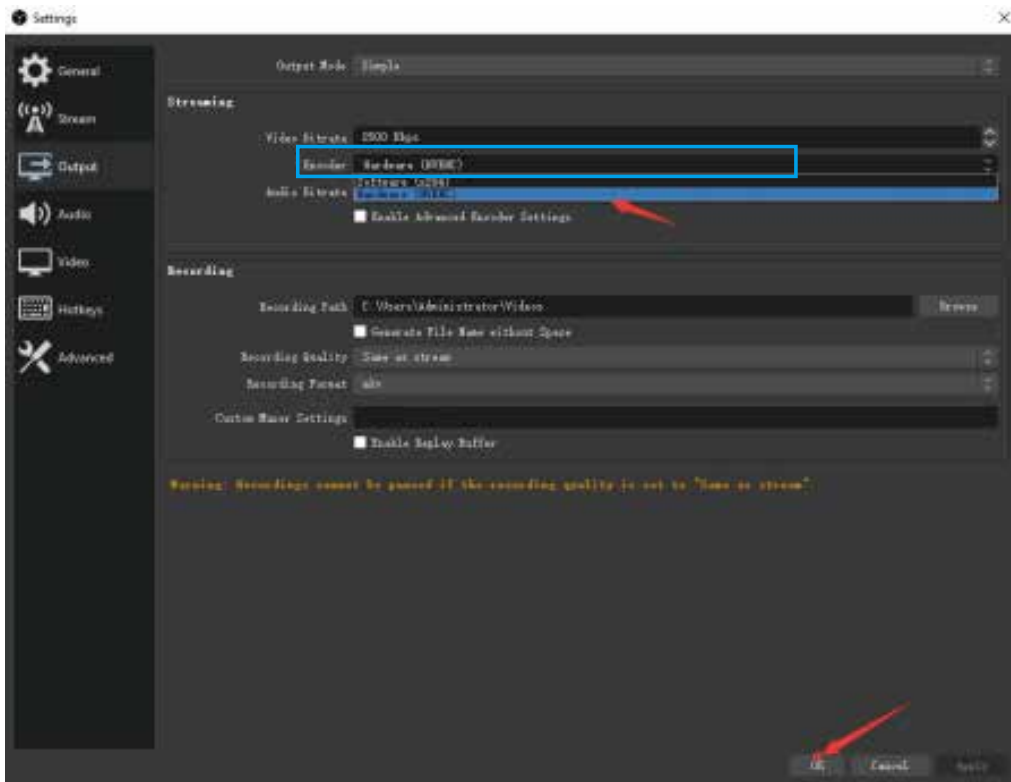
4.2.2 Right click the "Speaker" icon in the lower right corner of the computer, and "Open Sound Settings" to open "Microphone Privacy Settings" to allow desktop applications to access your microphone. (win10 interface)






4.3 Recording Settings

4.3.1 Click on "Settings" located in the lower right corner of OBS. Then, select "Output" from the menu. Choose the desired video saving path, format, quality, and other settings. Finally, click "OK" to save the changes.

4.3.2 Click on "Audio" and select the "Microphone auxiliary audio device" option. Choose "-" (hyphen) to disable it. Additionally, for recording streaming video in OBS, it is recommended to utilize the "hardware (NVENC)" or "hardware (AMD)" encoding method to optimize the usage of computer resources. Please refer to the provided figure for visual guidance.



PROBLEM ANALYSIS

Problem	Analysis	
<p>No Video</p>	 <p>No signal input</p>	<p>Cause: HDMI has no signal input or connection failure Solution: 1. Check whether HDMI input is normal 2. Reseat HDMI interface</p>
<p>No Support</p>	 <p>No Support</p>	<p>Reason: The acquisition resolution is not supported (e.g. input 1080P signal, Selection of acquisition resolution 3840 x 2160) Solution: Adjust the input resolution of the signal source or the acquisition resolution (acquisition resolution shall not be higher than input resolution)</p>
<p>HDCP Protection</p>	 <p>HDCP Protection</p>	<p>Cause: HDMI input signal supports HDCP Solution: Turn off HDCP of signal source, such as PS4 Go to "Settings" -> "System" -> uncheck HDCP</p>
<p>ONLY 1280*720</p>	<p>Enter Highest only 1280*720</p>	<p>Reason: The collection transmission rate is only USB2.0 Solution: 1. Check the USB interface of the computer and replace with USB 3.0 interface 2. Check whether the USB cable used is the original cable</p>
<p>Encoding overload</p>	<p>Code overload, recording or streaming effect is stuck</p>	<p>Cause: The computer configuration is too low or the hardware code preset is not used, so the acquisition requirements cannot be met Solution: 1. When recording or streaming, use hardware (NVENC or hardwareAMD) and other encoding methods 2. Reduce the resolution and rate of recording or streaming</p>

TECHNICAL SUPPORT & WARRANTY

- For Technical Support, email us at v.info@valore.sg.
- For Warranty Registration, visit www.valore.sg.

Cautions:

Read all the instructions and warnings carefully prior to using this product.

- Do not store the product in a high temperature environment.
- Do not place the product near fire or other excessively hot environments.
- Do not expose the product to moisture or submerge it in liquid. Keep the product dry at all times.
- Do not disassemble the product or attempt to repair or modify it in any manner.
- Do not expose the product to strong impacts or use on rough surfaces. If there is any serious damage to the product such as dents, cracks or abrasion, stop using the product and contact us immediately via email at v.info@valore.sg, or return this product to the store where you have purchased it from.
- If the product produces any abnormal smell, heats up abnormally during use or experiences unusual changes in form or colour, stop using the product and contact us immediately via email at v.info@valore.sg.

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