

USB Capture Card

User manual

Description:

This USB capture card can collect HDMI audio and video. HDMI audio and video signals can be transmitted to the computer and smartphone for preview and storage. Suitable for high-definition acquisition, teaching recording, medical imaging, etc.

Features:

- Support input resolution up to 4K
- Support output resolution up to 1080P
- One HDMI input, One HDMI loop out, Watching and Recording
- One Microphone input
- One 3.5mm stereo output
- Support 8/10/12 bit color depth
- Support AWG26 HDMI standard cable, the maximum input transmission distance is 15 meters (1080P and below resolution)
- Support most acquisition software, such as VLC, OBS, Amcap, etc.
- Support Windows, Android and MacOS
- Complies with USB video UVC specifications
- Complies with USB audio UAC specifications
- No external power supply, compact size, easy to carry

Specification:

HDMI resolution.....	Maximum input support 4K
Video input format	8/10/12-bit color depth
Video output mode.....	MJPEG
Video output resolution.....	Maximum output resolution 1080P @ 60Hz
Support audio format	PCM
Input cable length. ≤15m, AWG26 HDMI standard cable	
Maximum working current.....	0.4A / 5V DC
Operating temperature range.....	(-10 to + 55 °C)
Product size(LxWxH).....	68x27x9(mm)
Product weight.....	100g

Product Connection Diagram:



Connection Operation:

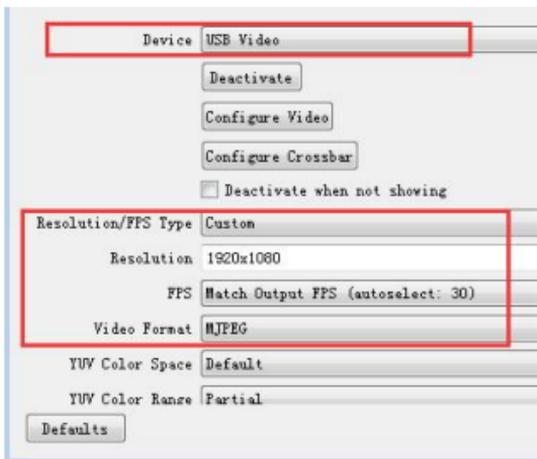
1. Connect the USB port of the video capture card to the USB port of the computer.
2. Use the HDMI cable to connect the “HDMI IN” interface of the capture card to the HDMI output port of the video source device to be captured, and use another HDMI cable to connect the “HDMI OUT” interface of the video capture card to the display device,
3. Insert the microphone into the MIC interface of the capture card
4. Connect the headset or sound system to the R/L interface of the capture card, and the preliminary installation and connection work is completed.

Instructions for the use of video capture software

For example: OBS Studio

1. Open the “obsproject.com/download” link and download the corresponding “OBS Studio” installer based on your computer operating system. And install according to setup program prompt.
2. According to the above connection, connecting the capture to the source device and your computer correctly.
3. Open the OBS Studio software, click the "+" icon of the "Source" module and select "Video Capture Device"

4. Double-click "Video Capture Device" and select "USB Video " at "Device" and select MJPEG in the "Video Format" option.



5. Select "Output desktop audio (Wave Out)" at "Audio Output Mode" and "USB Audio Device" at "Audio Device" and click OK.



6. Click "Settings" in the lower right corner of OBS Studio, click "Audio" settings, and set "Sampling Rate" to 48K; "Voice Channel" to stereo; "Mic/Auxiliary Audio Device" to "USB Audio Device", as follows:



After the audio settings are completed, the OBS Studio software needs to be restarted, otherwise it will cause no sound output.

7. After recording, you can find the path to save the recorded video in the Settings window.
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Note:

Computer hardware configuration requirements

CPU: PC i5-3400 or above; NB i7-3537U 2.0GHZ or above

Graphics card: PC NVIDIA GT630 or above; NC NVIDIA GT35M or above

Storage: 4G RAM

Package Contents:

USB Capture Card	1pcs
User Manual	1pcs



HIGH-DEFINITION MULTIMEDIA INTERFACE

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