



Nordic VDCP-4 HDMI Video Capture User Manual

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Nordic VDCP-4 HDMI Video Capture



Before using the product, please read this manual carefully and keep it properly. Date of publication: 2024-05-29

Introduction

The video capture can capture both HDMI video and HDMI audio, sending audio and video signals to computers and smartphones for previews and storage. Suitable for high-definition acquisition, teaching recording, medical imaging, etc.



Features

The video capture can capture both HDMI video and HDMI audio, sending audio and video signals to computers and smart phones for previews and storage. Suitable for high definition acquisition, teaching recording, medical imaging, etc.

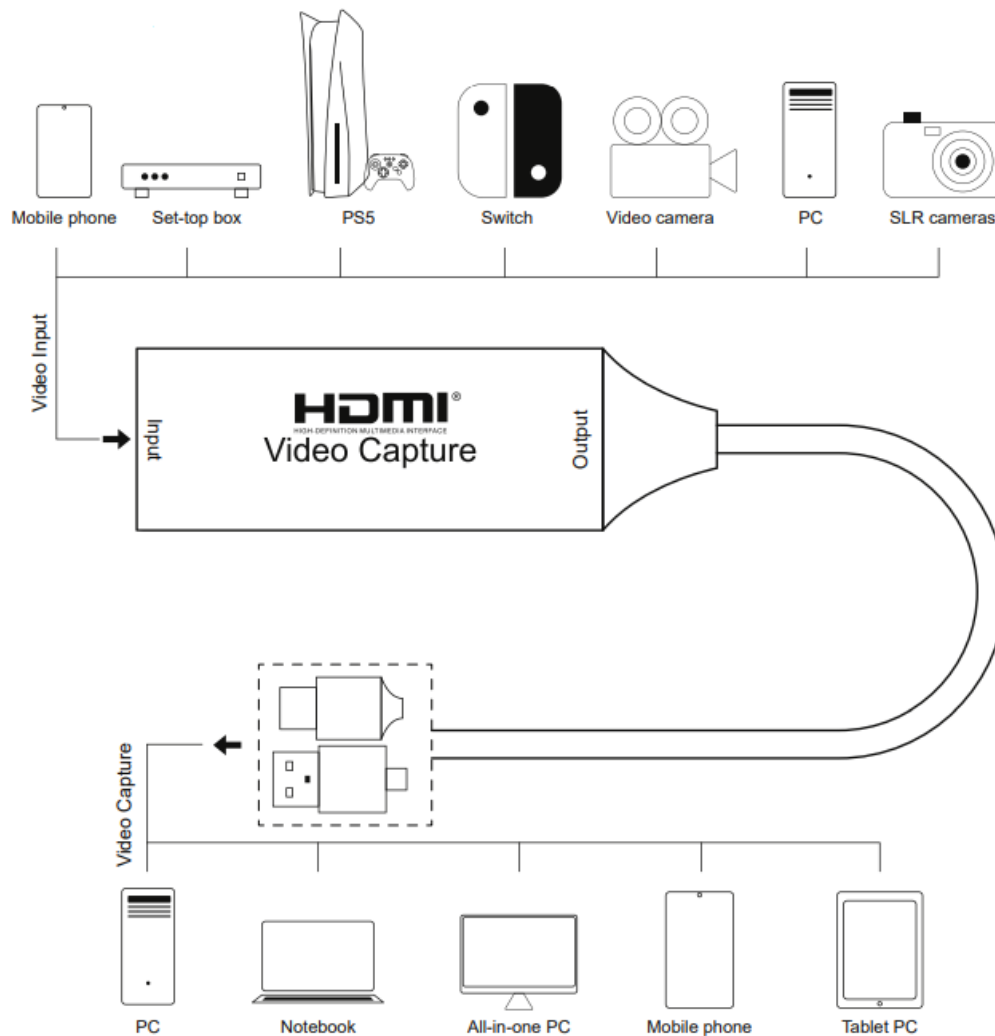
- Support input max resolution 4K@30Hz;
- Support output max resolution 1080P@60Hz;
- Support 8/10/12bit deep color;
- Support AWG26 HDMI standard cable: input up to 15 meters, (1080P and below resolution);

- Support most acquisition software, such as VLC OBS Amcap, etc;
- Support Windows Android and MacOS;
- Conform to USB Video and UVC standard;
- Conform to USB Audio UAC standard;
- Video Capture support Type-c 2.0 and USB 2.0 2-in-1 interface;
- No need external power supply, compact and portable.

Specifications

- HDMI resolution Max input can be 4K
- Support video format 8/10/12bit Deep color
- Video output format MJPEG
- Video output resolution Max output can be 1080P
- Support audio format L-PCM
- Input cable distance ≤15m,AWG26 HDMI standard cable
- Max working current 0.2A/5VDC
- Operating Temperature range (-10 to +55°C)
- Dimension (L x W x H) 11x23x240 (mm)
- Weight 27g

Application diagrams

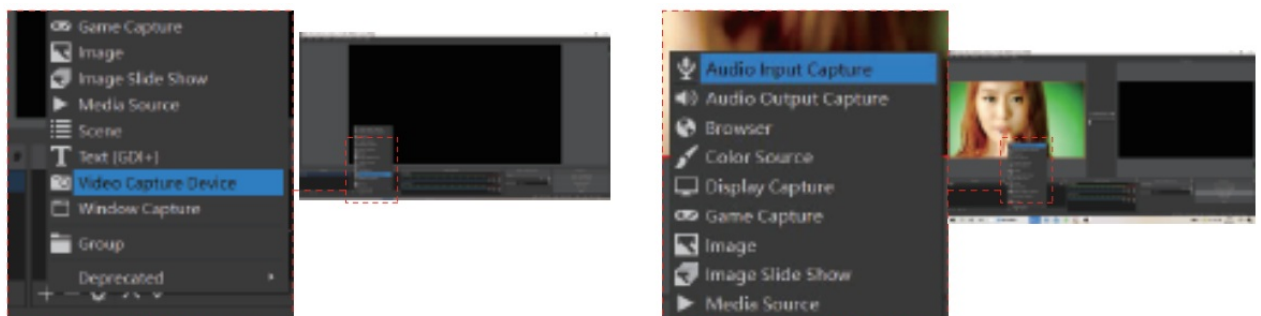


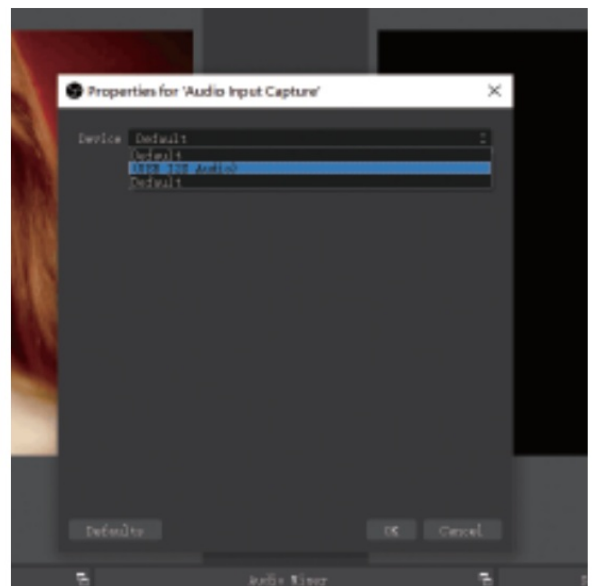
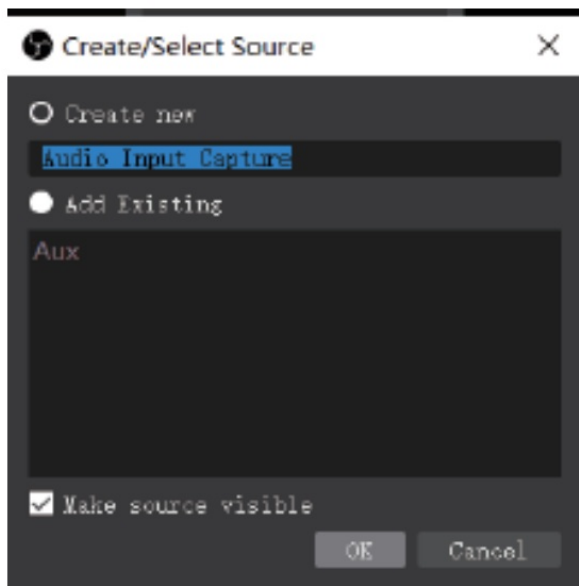
Connection and Operation

1. Connect the UHD signal source to the HDMI input of the video capture with one HDMI cable.
2. Connect the computer to the Type-c/usb port of the video capture with the Type-c/usb cable.
3. Operation steps for USB video capture(OBS): Open the software→Choose sources of “Video Capture Device”→Set the size of image→Choose “Studio Mode”(double window) →Choose “Start Recording”.

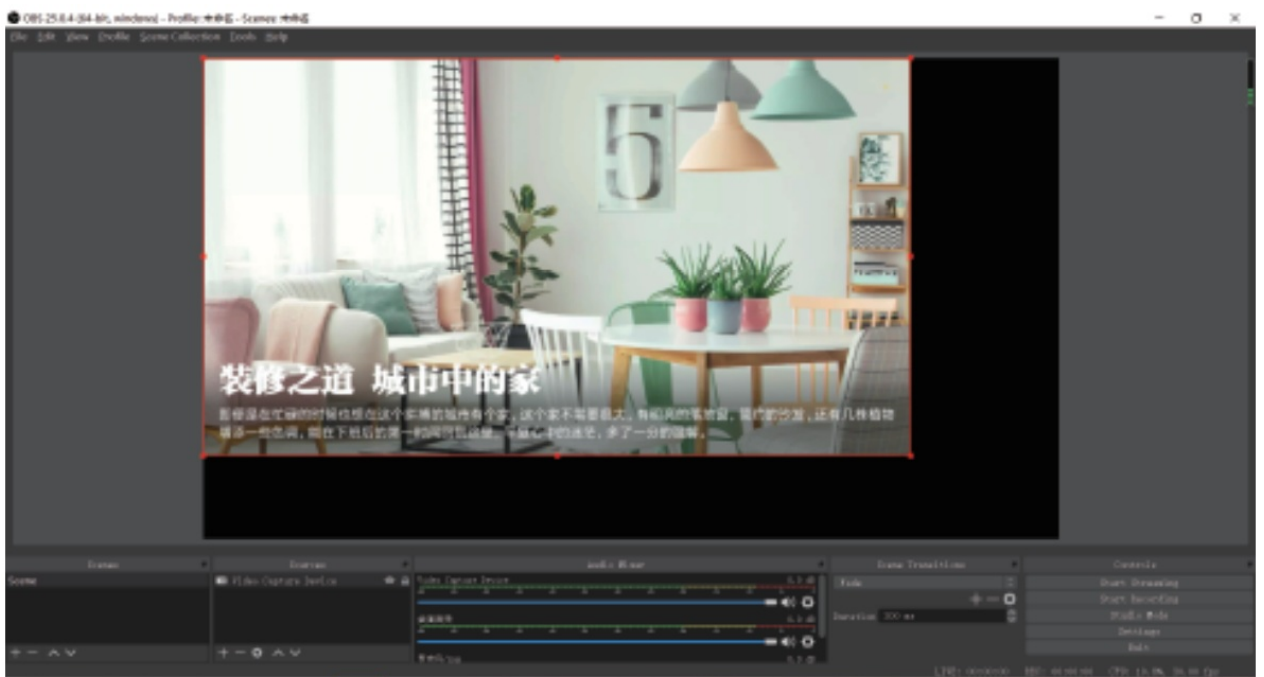
Operation Example as below

1. Add new sources, choose “ Video Capture Device ”/ “Audio Input Capture”

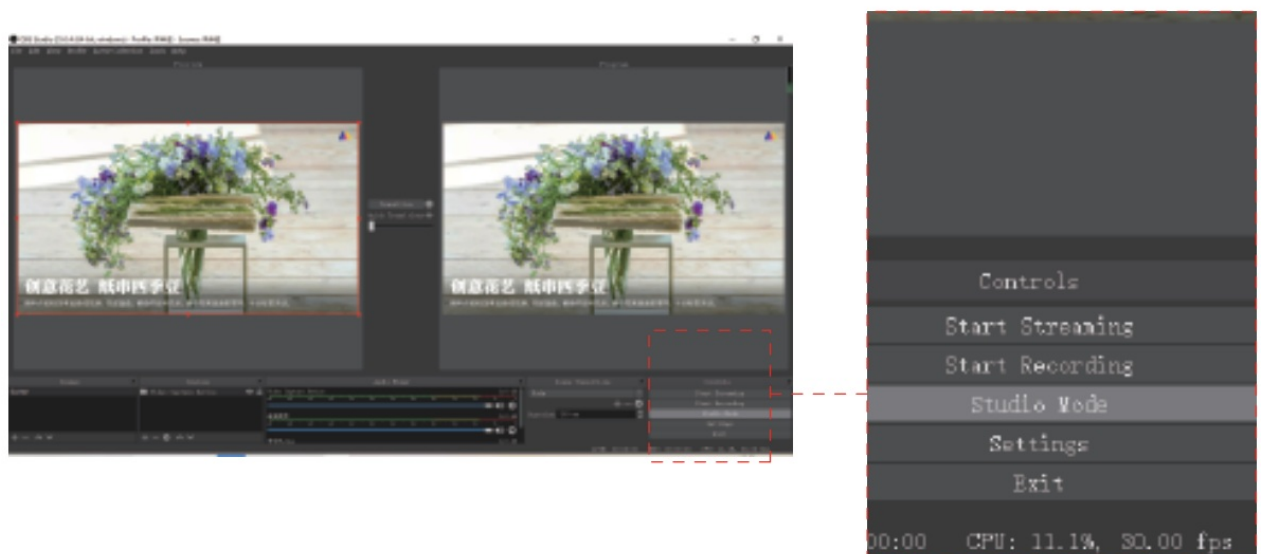




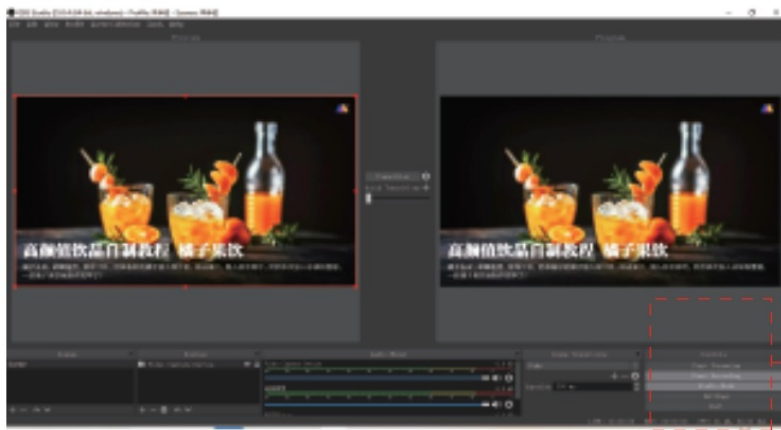
2. Set the size of the image.



3. Choose "Studio Mode"(double window).



4. Click "Start Recording"



- **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 GT735M or above
- **Run memory:** 4G RAM

Specifications

- **Input Resolution:** Support max resolution 4K@30Hz
- **Output Resolution:** Support max resolution 1080P@60Hz
- **Color Depth:** 8/10/12bit deep color
- **Support Cable:** AWG26 HDMI standard cable (up to 15 meters for 1080P and below resolution)
- **Interface:** Type-c 2.0 and USB 2.0 2-in-1
- **Power:** No external power supply is required
- **Compatibility:** Windows, Android, MacOS
- **Standards:** USB Video, UVC, USB Audio UAC

FAQ

Q: Is an external power supply required for the video capture device?

A: No, the video capture device does not require an external power supply as it is compact and portable.


Q: What software is compatible with the video capture device?

A: The video capture device supports most acquisition software such as VLC, OBS, Amcap, etc.

Q: What is the maximum supported resolution for input and output?

A: The device supports a maximum input resolution of 4K@30Hz and an output resolution of 1080P@60Hz.

Documents / Resources

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References

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