❄ **EiRa** ®
A Step Ahead

HDMI VIDEO CAPTURE

2-in-1 USB-C/A HDMI Video Capture

Where every Moment comes Alive

ER2911VC

HDMI ®
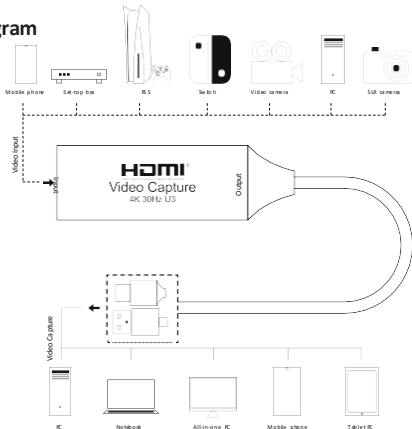HIGH-DEFINITION MULTIMEDIA INTERFACE

Introduction

The **EiRA HDMI Video Capture Device** is designed to capture both HDMI video and audio signals with exceptional clarity, transmitting them directly to computers and smartphones for previewing, recording, and streaming. It offers a simple and reliable solution for capturing high-definition content without the need for external power or complicated setup. Ideal for a wide range of applications, this capture device is perfect for **high-definition video acquisition**, **online teaching and lecture recording**, **medical imaging documentation**, **live streaming**, and **video conferencing**. Whether used in professional studios, classrooms, hospitals, or at home, the device ensures smooth and stable signal transmission, supporting high-quality video and audio capture for a variety of modern digital workflows.

Features

- Supports **maximum input resolution up to 4K @ 30Hz**
- Supports **maximum output resolution of 1080P @ 60Hz** for smooth video playback and recording
- Supports **24/30/36-bit deep color**, delivering richer and more vibrant video quality
- Supports **AWG26 HDMI standard cables** for input distances up to **15 meters** (for 1080P and lower resolutions)
- Compatible with most popular acquisition and streaming software such as **VLC**, **OBS Studio**, and **Amcap**
- Supports multiple operating systems, including **Windows**, **Android**, and **MacOS**
- Complies with **USB Video Class (UVC)** standards for video capture and **USB Audio Class (UAC)** standards for audio capture
- Supports **uncompressed video capture** (YUY2 format) at **1080P @ 60Hz** via **USB 3.0** for high-quality recordings
- Features a **Type-C 3.0 and USB 3.0 2-in-1 interface**, providing flexible connectivity options
- **No external power supply required** — the device is **compact, lightweight, and portable**, making it ideal for on-the-go use

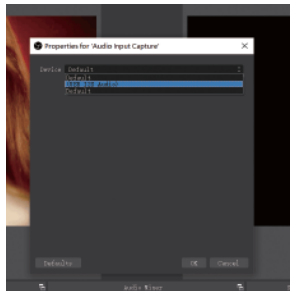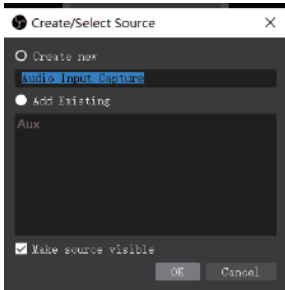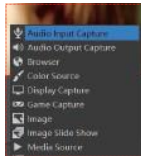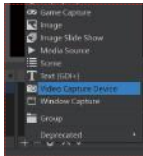| Specification	Details
HDMI Resolution	Max input can be 4K
Supported Video Format	24/30/36-bit Deep Color
Video Output Format	YUY2, MJPEG
Video Output Resolution	Max output can be 1080P
Supported Audio Format	L-PCM
Input Cable Distance	≤15m (using AWG26 HDMI standard cable)
Max Working Current	0.2A / 5VDC
Operating Temperature Range	-10℃ to +55℃
Dimensions (L × W × H)	11 × 23 × 240 mm
Weight	27g

Connection Diagram

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 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".
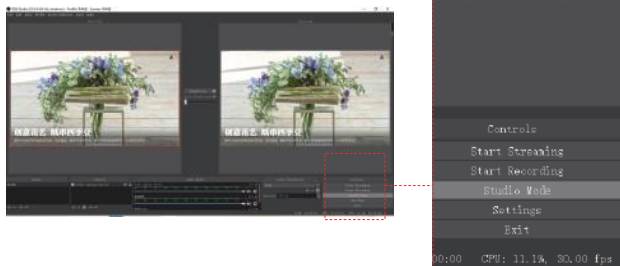
Operation Example as below

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

2. Set the size of the image.

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

Controls
Start Streaming
Start Recording
Studio Mode
Settings
Exit

00:00   CPU: 11.1%, 30.00 fps

4. Click " Start Recording"

Controls
Start Streaming
Start Recording
Studio Mode
Settings
Exit

00 CPU: 11.4%, 30.00 fps

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