



HIGH-DEFINITION MULTIMEDIA INTERFACE

# USER MANUAL

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## HDMI Video Capture

**Enjoy the vivid world!**

# INTRODUCTION

The HDMI video capture can capture the HD video and audio signal. It can display the HD signal to the display or projector. It can support USB storage by computer at the same time.

The HDMI video capture can also separate the HD video and audio signal. The stripped coaxial or optical fiber digital audio can connect with an amplifier. The stripped analog audio can connect to a headphone. The max resolution can be up to 1080P/60HZ.



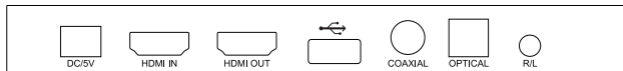
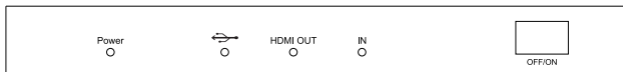
## Features:

- Support max resolution 1080P/60Hz
- Support the max baud rate of 1.49G and TMDS clock can be up to 148.5 MHz
- Support 8 bit deep color
- Support AWG26 HDMI standard cable: HDMI input up to 8 meters, HDMI output up to 8 meters. (1080P and below resolution)
- Support USB 3.0 standard cable, output up to 1.5m
- Support most capture software, such as VLC、OBS、Amcap
- Conform to USB video 1.5 and 1.0 standard
- 5V/1.5A power adapter

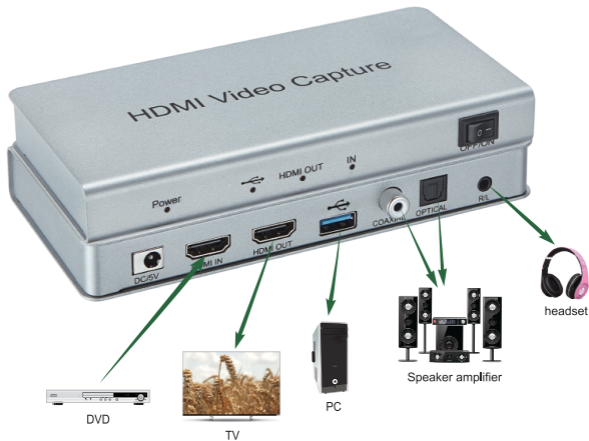
## Specifications:

HDMI resolution .....	Max can be 1080P/60Hz
Support video format .....	.8 bit Deep color
Support audio format.....	LPCM
Max bandwidth.....	148.5MHz
Max baud rate.....	1.49Gbps
Input cable distance.....	(1080p resolution) ≤8m AWG26 HDMI standard cable
Output cable distance.....	(1080p resolution) ≤8m AWG26 HDMI standard cable; ≤1.5m USB 3.0 standard cable
Max working current.....	1A
Power adapter format .....	input AC (50Hz, 60Hz) 100V-240V; output: DC5V/1.5A
Operating Temperature range.....	(-10 to +55 °C)
Dimension (L x W x H).....	162x80x23 (mm)
Weight.....	420g

## Operating and Connecting



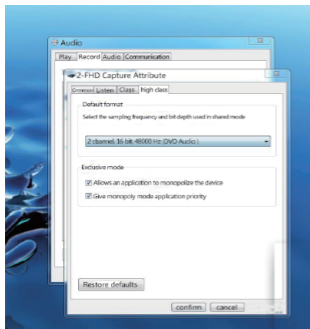
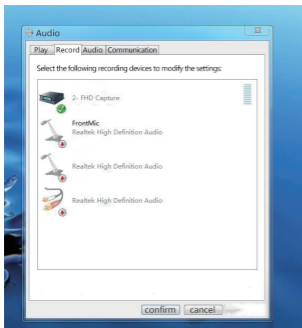
## Application diagrams



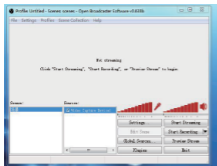
## Connection and Operation

1. Connect the UHD signal source to the HDMI input of the video capture with one HDMI cable
  2. Connect the display device to the HDMI output of the video capture with one HDMI cable
  3. Connect PC USB port to the USB output of the video capture with one USB 3.0 cable
  4. Connect the 5V/1.5A power adapter to the video capture
  5. Set video and audio synchronization
- Operation Example as below:

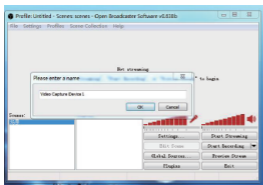
1: Choose the input audio sampling rate to be 48KHZ



## 2: Open the capture software on the computer

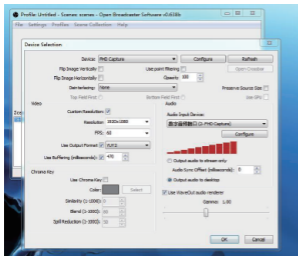


Right-click in the source area to select a video capture device

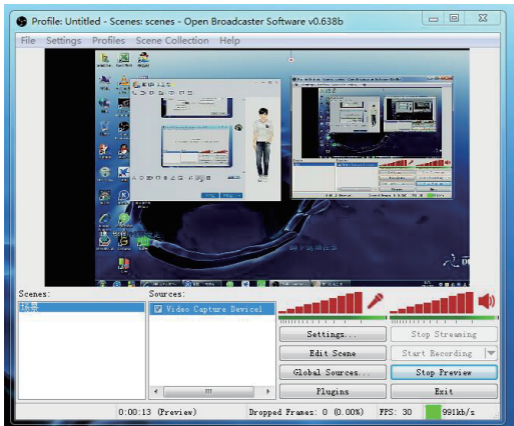


Name the video capture device

## 3: Set capture audio and video capture parameters



#### 4: Press Preview or Record to start work



#### 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

### Package include

- |                          |      |
|--------------------------|------|
| 1. Video capture         | 1PCS |
| 2. 5V/1.5A power adapter | 1PCS |
| 3. 1.5m USB3.0 cable     | 1PCS |
| 4. user manual           | 1PCS |