

HCA07

HDMI to USB3.0 Capture

Enjoy the vivid world!

INTRODUCTION

1.Introduction

HDMI to USB3.0 Video Capture Dongle,it is easy to carry,have a superior performance,superior compatibility,simple installation and mant other features,It can capture one HDMI 1080p60 input and output signal; compatible with Windows,Linux,Macos X and USB3.0 interface,Compatible with many USB3. chipset (Intel,Renesas,ASMedia,Fresco Logic),compatible with PCIe Gen1.1x1 expansion via USB3.0 interface;The HDMI video capture meets UVC and UAC standard,without having to install drivers and settings ,the real plug-and-play,easy to use.



2. Features

- 1.It can capture one single channel HD HDMI video signals.
- 2.HDMI input and output video signal can reach 1080p/60 Hz.
- 3.It is compatible with UVC video capture and YUV 422 video output.
- 4.Support UAC&UVC, support 48 KHz PCM audio
- 5.It doesn't need to install a driver, and it is truly plug-and-play.
- 6.It is compatible with Windows, Linux, OS X operating systems.
- 7.With Mic recording input .
- 8.USB3.0, 300-350MB/s throughput and it is compatible with USB 2.0.
- 9.The process of video and audio is done by the dongle and will not occupy the CPU.
- 10.It can automatically detect the input video formats and it will adjust to the set output size and frame rate automatically.
- 11.It can automatically detect the input audio formats and swift it to 48KHz PCM audio.
- 12.Multiple dongles can be used on one PC
- 13.The firmware can be updated.

3. Specification

Connection:

Input interface	1 HDMI interface 1 Mic interface 1 Micro USB Power interface
Output interface	USB3.0, *300-350MB/s throughput USB2.0, *40MB/s throughput 1 HDMI loop out interface
HDMI input	1080P/60, 59.94, 50, 30, 29.97, 25, 24, 23.98, 1080i 50/60, 720P 50/60, 480P, 576P 1280x1024, 1280x960, 1024x768, 800x600, 640x480
HDMI audio input	1 LPCM audio signal

Standards:

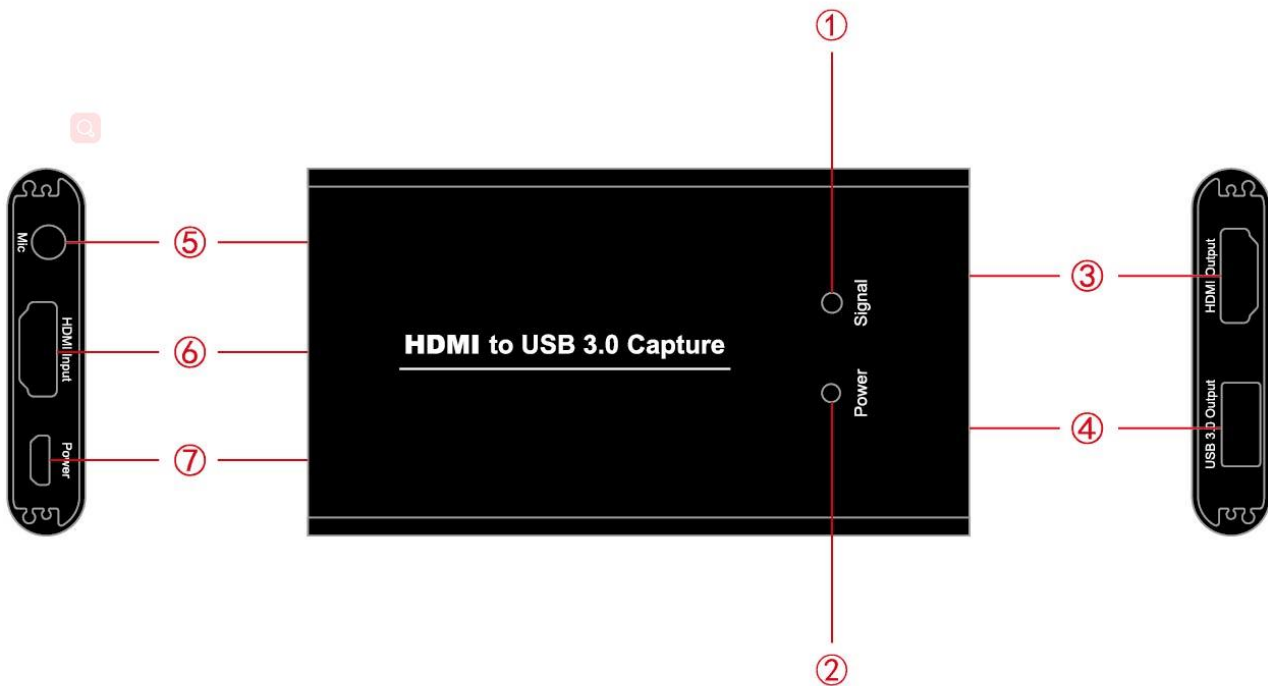
HDMI input formats	It meets the HDMI 1.4a standard, and supports 1080p/60Hz 8-bit, (RGB, YUV)
Output Formats	Resolutions: 640x480/720x480/720x576/800x600/1024x768/ 1280x720/1280x960/1280x1024/1366x768/1360x768/1440x900/ 1400x900/1680x1050/1920x1080 frame rate: 25/29.97/30/50/59.94/60 fps
Video Sampling Rate	HDMI: 165MHz
Audio and video capture	It meets the standards of UVC (USB video class) and UAC(USB audio class)
Output color space	YUV, RGB

Video Process

Color space switch	Hardware Color Space Switch
Image Scale	Hardware scale

The support of OS	It supports the following operating systems (x86 and x64 versions): Windows 7, 8, 10 Windows Server 2008 R2 Linux (Kernel version 2.6.38 and above) OS X (10.8 and above)
Software compatibility	Windows Media Encoder (Windows) Adobe Flash Media Live Encoder (Windows, OS X) Real Producer Plus (Windows) VLC (Windows, OS X, Linux) QuickTime Broadcaster (OS X) QuickTime Player (OS X) Wirecast (Windows, OS X) and etc.
Development interface compatibility	DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
Upgrade	The firmware can be upgraded
Size	113X61X13mm
Power consumption	<= 2.5W
Working Temperature	0-50 deg C
Storage Temperature	-20-70 deg C
Storage Humidity	5%-90%

4. Interface:



- 1.Signal Indicator:**This LED illuminates when the device capture the video normally.
- 2.Power Indicator:**This LED illuminates when the device is connected to computer USB port.
- 3.HDMI Output:** HDMI to display device
- 4.USB3.0 Output:**This slot is where you connect to the USB3.0 input of the computer or NoteBook.
- 5.Mic:** Sound input when record video
- 6.HDMI Input:** This slot is where you connect the HDMI source output from Camera, Vidicon, Game box, IPTV box,and so on.

7. Power Port: Connect the power supply when the power supply is insufficient



5. Package

- 1. HDMI to USB3.0 video capture dongle----- 1 unit
- 2. USB3.0 cable ----- 1 unit
- 3. User manual----- 1 unit