USB 2.0 HD Video Capture Slim Box - Multi-Input
Installation Guide

Introduction

The *USB 2.0 HD Video Capture Slim Box - Multi-Input* lets you easily capture multiple video output source (HDMI, Composite, S-Video) to your PC, Mac or Android tablet / smartphone.

Key Features and Benefits

- Easily capture and save videos from any HDMI/ or AV In video source such as DVD players, media players, or Set-top boxes
- Built-in high performance H.264 hardware encoder chip
- Supports up to 1080p HDMI input and 480p AV input for video capture
- Supports VivaCAP app for video capture on Android OS tablets

- Bundled with CyberLink PowerDirector and Media Espresso authoring tools for PC to improve usability and provide quicker operation
- Capture up to 1080p@ 30fps
- Capture Format - hardware compressed MPEG-4 (H.264/AVC)
- Recording video @ H.264AVC and audio @ H.264 AAC
- Portable design, easy to carry and store

System Requirements
- PC or Mac computer with an available USB port
- 2.4GHz Dual Core CPU with 2GB RAM
- Graphics Card with DirectX 9.0c
- Sound card compatible with AC97
- Windows® 10 (32-/64-bit) / 8.1 (32-/64-bit) / 8 (32-/64-bit) / 7 (32-/64-bit)
- Mac® OS X v10.9 or later
- Android 4.2 or later

Package Contents

- USB 2.0 HD Video Capture Slim Box - Multi-Input
- Mini USB Cable to USB Type A cable
- A/V fan-out cable
- Mini USB to USB Type A + Micro USB Y cable
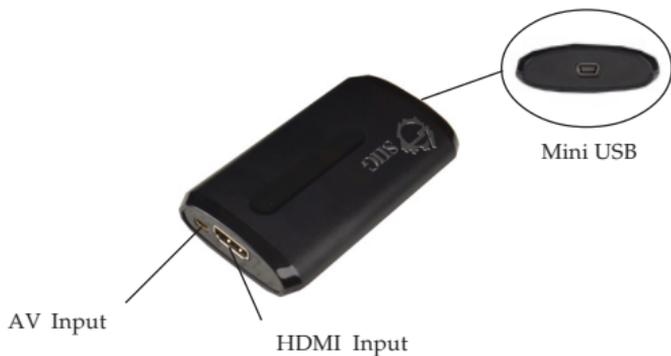- Software CD
- Installation guide

Layout

Figure 1: USB 2.0 HD Video Capture Slim Box - Multi-Input

- **AV Input:** Connects to the included A/V fan-out cable for Composite or S-video source

- **HDMI Input:** Connects to the HDMI source by HDMI cable (HDMI cable not included)
- **Mini USB**: Connects to PC or MAC by the included Mini USB Cable to USB Type A cable or most Android tablets or smartphones by Mini USB to USB Type A + Micro USB Y cable
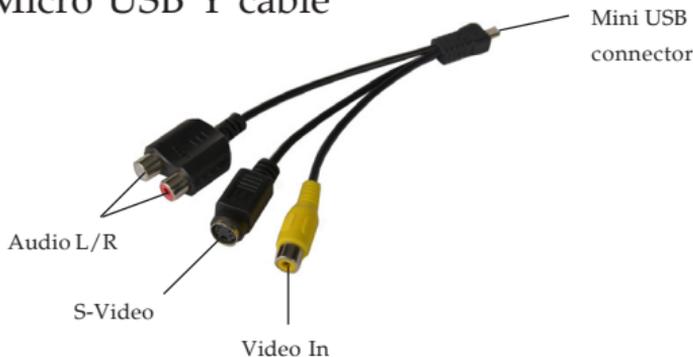

Mini USB connector

Audio L/R

S-Video

Video In

Figure 2: A/V fan-out cable

Figure 3: Mini USB to USB Type A + Micro USB Y cable

Figure 4: Mini USB Cable to USB Type A cable

Hardware Installation

1. Connect the Mini USB connector of the included Mini USB Cable to the *Capture Box*.
2. Connect the other end USB Type A/ Micro USB to an available USB port of your computer/ Android tablets or smartphones.
3. Connect your video source to HDMI, Composite or S-Video.

> **Note**: 1. When using the Composite or S-video connection, it's required to connect Audio L/R to hear the sound.
>
> 2. When using Android tablets or smartphones for recording, the USB power connection is required.

Windows Driver Installation

Before installing the driver, please make sure your Windows has the latest updates from Microsoft Windows update.

1. After Hardware Installation, insert the driver CD.
2. The installation window will show automatically, select **Run Autorun.exe**.

If not, browse the CD manually.

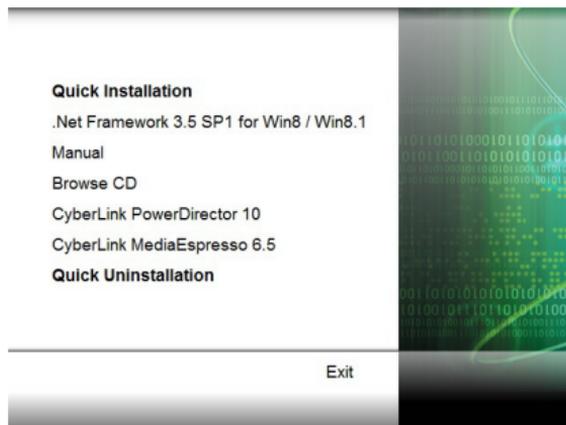3. Select **Quick Installation,** then click **Yes** at the "User Account Control".

Quick Installation
.Net Framework 3.5 SP1 for Win8 / Win8.1
Manual
Browse CD
CyberLink PowerDirector 10
CyberLink MediaEspresso 6.5
Quick Uninstallation

Exit

Figure 5

4. At the "Quick Installer", select **Typical Installation** and click **Install**.
5. Click **Start** to initiate the driver installation.
6. At "Select Setup Language", choose your desired language and click **OK**.
7. Follow the on-screen steps to install VivaStation software.
8. At "Quick Installer", select **Yes, I want to restart my computer now.** Then, click **Finish** to re-boot.

To Verify Windows Installation

1. Right click **Computer** or **My Computer** on the desktop, then click **Manage**.
2. Click **Device Manager**, and expand **Sound, video and game controllers**.
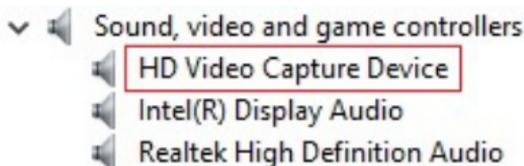3. **HD Video Capture Device** should be displayed. See Figure 6.

Figure 6

VivaStation Configuration

After a successful driver installation, VivaStation icon will be created on the Windows Desktop. Launch VivaStation, then select the capture device and source input.

After setting, you could see a tool bar as below:

Figure 7: Tool bar

1. **Record**: Record the video to your computer, press again to stop recording
2. **SnapShot**: Captures the video source to an image on your computer
3. **Display Ratio**: Choose an available display ratio from the list
4. **Volume Down**: Turn down the volume
5. **Volume Up**: Turn up the volume
6. **Mute**: Turns off the volume, press again to turn the volume back on
7. **Playback**: Access to the folder of the recorded files

8. **Schedule Record**: Allows you to set the recording time (start time and end time)

9. **Source Input**: Selects the video source you're going to capture (Composite, S-Video or HDMI)

10. **Setup**: A more complex interface to adjust some settings of 1-9 above. Adding settings such as frames per second, and the path where the recording files are saved.
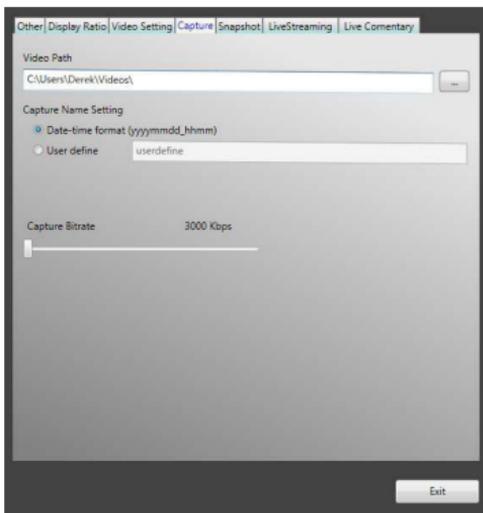

Figure 8

For comprehensive VivaStation user's manual, go to **Manual \ VivaStation** on the software CD.

Mac Driver Installation

1. After Hardware Installation, insert the driver CD.
2. Select the Driver CD icon on the Desktop and browse **iCAP** folder.
3. Run **iCAP_xxx.pkg**, and a pop-up window (Install iCAP) will show.
4. At Install iCAP, click **Continue** in Introduction.
5. At Installation Type, click **Install**.
6. Key in username and password, then select **Install software**.
7. A pop-up window shows, click **Continue Installation**.
8. After a successful installation, click **Restart** to finish.

To Verify Mac Installation

1. Click from the top menu bar.
2. Click **About this Mac**, **More Info...**, and **System Report...**.
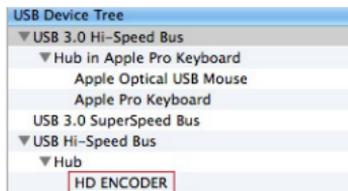3. Under Hardware/USB, the **HD ENCODER** should be displayed.

Figure 9

Launch iCAP

- *iCAP icon*

    After a successful driver installation, the iCAP icon will be created.

    Click **Go** from the top menu bar and select **Applications**. Then you could see **iCAP.app** icon in the list.

- *License Key*

    When starting iCAP for the first time, you will need to enter the License Key.

    Launch iCAP and select **iCAP** icon from the top menu bar. Go to **License** to key it in. (You can find the license key on the CD sleeve.)
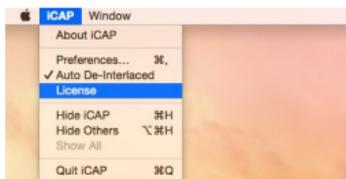

Figure 10

iCAP Configuration

1. Select **iCAP** icon from the top menu and click **Preferences** for setting.

2. Select the input source you're going to capture. Then choose the quality, size, format and so on. See Figure 11.
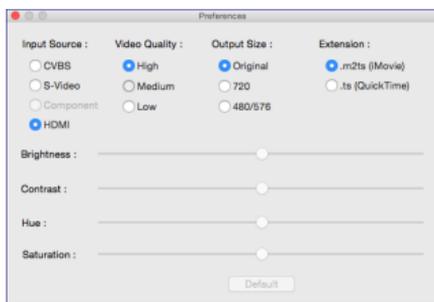

Figure 11

3. After setting, press the **Rec** button on the lower left corner to start recording and press again to stop recording.

• *The path for the recording files*
Finder \ All my files \ Movies

> **Note:** To display the video format of .m2ts, it's required to download **mplayerX** additionally.

Android Driver Installation

Go to **Play Store** to download and install **VivaCAP**.

VivaCAP Configuration

> **Note:** While recording, device charging is disabled. Please make sure your Android tablet / smartphone is fully charged before recording.

1. Launch VivaCAP, then go to 🎛 to select the input source, the quality and size you're going to capture. See Figure 12.

Figure 12

2. Finish setting, and touch **Save**.

3. Return back to previous page then touch **Device** for connecting the capturing video.
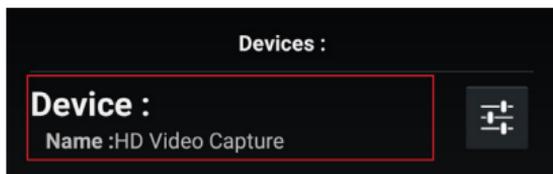

Figure 13

4. After identification, the input source will show on the screen.
5. Touch the screen, and the recording icon ▇◀ will show.
6. Touch the red button to start recording, and touch it again to stop recording.

• *The path for the recording files:*
  In **Recorded Videos** folder. Click it for playing or deleting.

Application

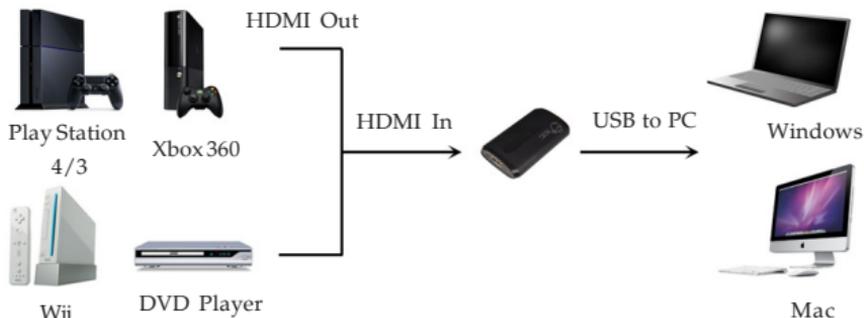- *HDMI Input*

Capture video from HDMI source

Figure 14

- *Composite / S-video Input*

Capture video from Composite / S-video source

Figure 15

- *Optional Application*

Capture while playing games / watching over TV (* An additional HDMI splitter is required)
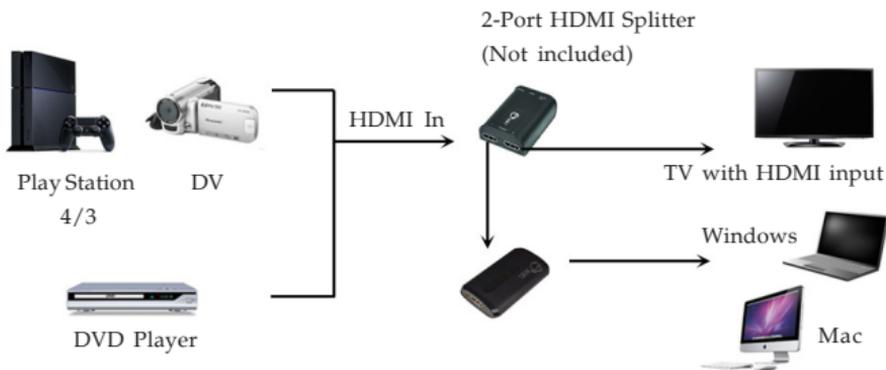

Figure 16

Troubleshooting

Q1: If the capture box is not recognized:

A: Verify whether the driver is installed properly.

A: Plug the capture box into other USB ports.

Q2: If the capture box does not work properly:

A: Check your sound card is operating properly. Reinstall the soundcard drivers if necessary.

Q3: If the driver is not installed successfully:

A: Check whether the Windows version is the latest. If not, go to **Windows update** for updating first and re-run installtion.

A: Uninstall and re-run the Hardware and Software installation.

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Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at *www.siig.com* and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analysts will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

> **Step 1:** Submit your RMA request.
>
> Go to **www.siig.com**, click **Support**, then **RMA** to submit a request to <u>SIIG RMA</u> or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.
>
> **Step 2:** After obtaining an RMA number, ship the product.
>
> - Properly pack the product for shipping. All accessories that came with the original package must be included.
> - Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
> - You are responsible for the cost of shipping to SIIG. Ship the product to the following address:
>   **SIIG, Inc.**
>   **6078 Stewart Avenue**
>   **Fremont, CA 94538-3152, USA**
>   **RMA #:** _____
> - SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

USB 2.0 HD Video Capture Slim Box - Multi-Input

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
Phone: 510-657-8688