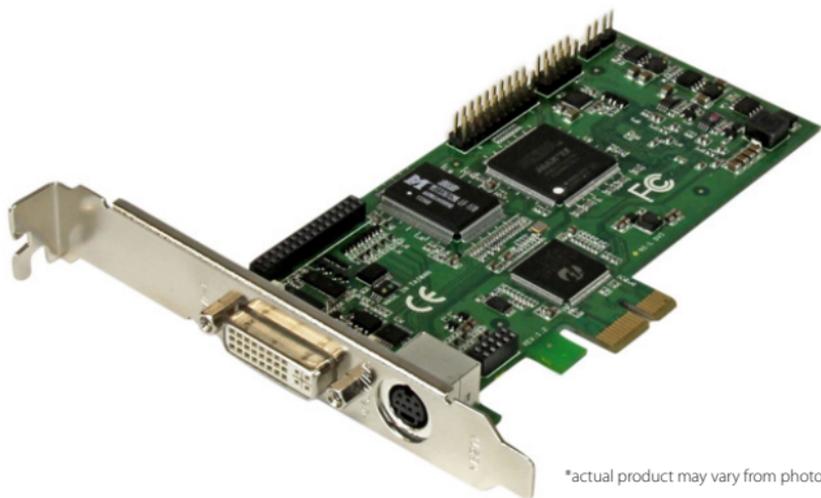


HDMI®/DVI/VGA/Component PCIe Capture Card – 1080p/60fps

PEXHDCAP60L



*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com

FR: Guide de l'utilisateur - fr.startech.com

ES: Guía del usuario - es.startech.com

IT: Guida per l'uso - it.startech.com

NL: Gebruiksaanwijzing - nl.startech.com

PT: Guia do usuário - pt.startech.com

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

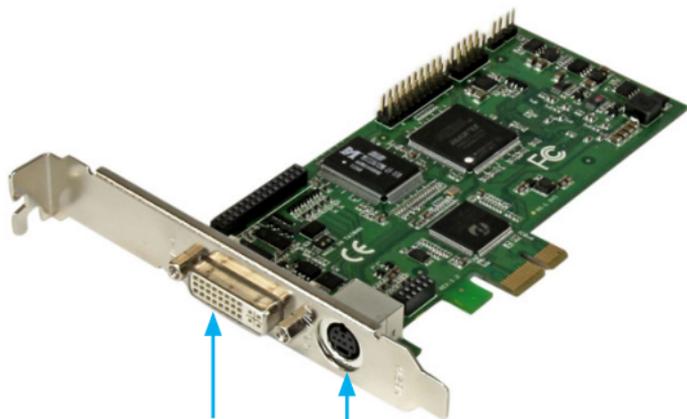
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Product Diagram



DVI input-port

A/V breakout cable input-port

(For component, S-Video, and composite video input +
RCA audio input)

Introduction

Packaging Contents

- PCIe capture card (PEXHDCAP60L)
- HDMI to DVI adapter
- VGA to DVI adapter
- Component A/V breakout cable
- S-video/Composite A/V breakout cable
- Full-profile bracket (Attached)
- Low-profile bracket
- Software installation disc
- Instruction manual

Note: The USB3HDCAP product will not record digitally encrypted content.

System Requirements

- Low-profile or full-profile Computer system with:
Available PCI-Express slot
CPU: i3 Dual core 2.8GHz or higher
RAM: 2GB or higher
Microsoft® Windows® 2000/XP/Server 2003/Vista/Server 2008 R2/7/8/8.1 (32/64-bit)
- HDMI/DVI/VGA/Component/S-Video/Composite audio/video source with cabling (DVD, DVR, VCR, Etc.)

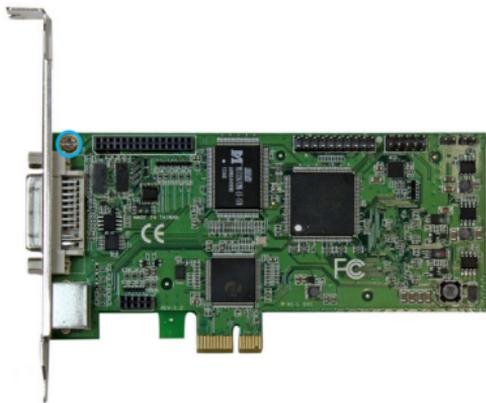
Installation

Hardware Installation

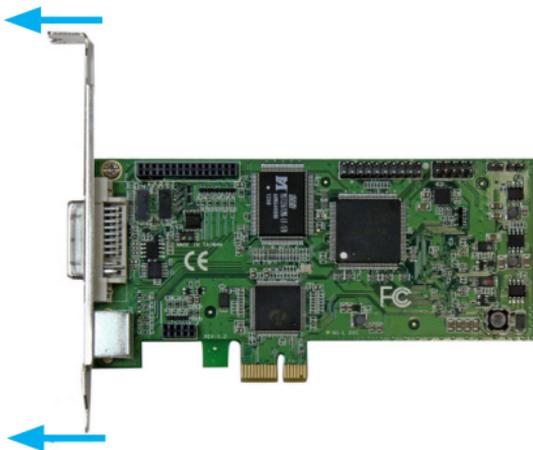
1. Determine which bracket is required for your **computer system**. If you have a **full-profile computer system**, attach the **Full-profile bracket**. If you have a **low-profile computer system** attach the **Low-profile bracket**. To change the bracket follow the below steps:
 - a) Using a small ratchet, or pliers (not included), remove both of the DVI-port standoff screws located on the outside of the bracket.



- b) Using a Philips head screw driver (not included), remove the screw located next to the internal side of the DVI-port on the circuit board.



- c) You can now remove the undesired bracket by pulling the bracket away from the PEXHDCAP60L.



- d) Line up your desired bracket so that the DVI input-port, and the A/V breakout cable input-port align with the port holes. Also ensure the screw hole is aligned with the underside of the PEXHDCAP60L.



- e) Using a Philips head screw driver (not included), replace the screw located next to the internal side of the DVI input-port on the circuit board.



- f) Using a small ratchet, or pliers (not included), replace both of the DVI-port standoff screws by placing them into the standoff holes located on either side of the DVI input-port.



- g) The bracket has now been replaced.

2. Install the **PEXHDCAP60L** in your **computer system**.

- a) Turn off your **computer system** and disconnect any peripheral devices (i.e. Printers, external hard drives, etc.). Unplug the power supply power cable from the rear of the **computer system**.
- b) Remove the case cover from your **computer system** (See documentation included with your computer system for step by step instructions).

c) Locate an open **PCI-Express slot** and if necessary remove the metal cover plate on the rear of your computer case (See documentation included with your computer system for step by step instructions).

Note: The PEXHDCAP60L will work in a PCI-Express slot with additional lanes (i.e. x4, x8 or x16 slots)

d) Gently insert the card into the open **PCI-Express slot** and fasten the bracket to the rear of the case.

e) Place the case cover back onto the **computer system**.

f) Reconnect any peripheral devices, as well as the computer system power supply.

3. Using the required cabling (not included), connect your desired **audio/video source device** to the **PEXHDCAP60L**.

a. If your **audio/video source device** is Component or S-Video/composite use the included corresponding **Component A/V breakout cable** or **S-Video/composite A/V breakout cable** to connect your **Audio/Video source cabling** to the **A/V breakout cable input-port** on the **PEXHDCAP60L**.

Component A/V breakout cable



S-Video/composite A/V breakout cable



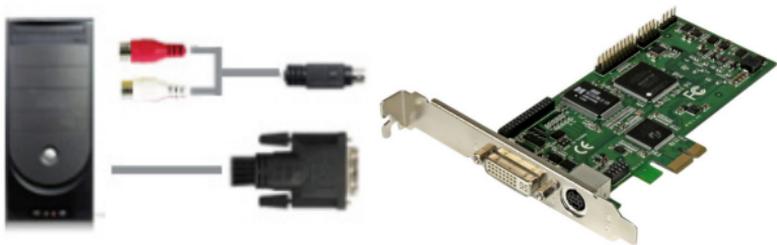
- b. If your **video source device** is DVI, connect your **video source cabling** directly to the **DVI input-port** on the **PEXHDCAP60L**.



- c. If your **video source device** is VGA or DVI, use the corresponding included **HDMI to DVI adapter** or **VGA to DVI adapter** to connect your **audio/video** source cabling to the DVI input-port on the PEXHDCAP60L.



- d. (Optional) If you would like to capture a 2-channel RCA audio source along with your video source, connect your **RCA audio source cabling** to **A/V breakout cable input-port** using the **S-video/composite A/V breakout cable** along with your desired video source cabling.



4. Hardware installation has now been completed. You can now turn on your **computer system**.

Software Installation

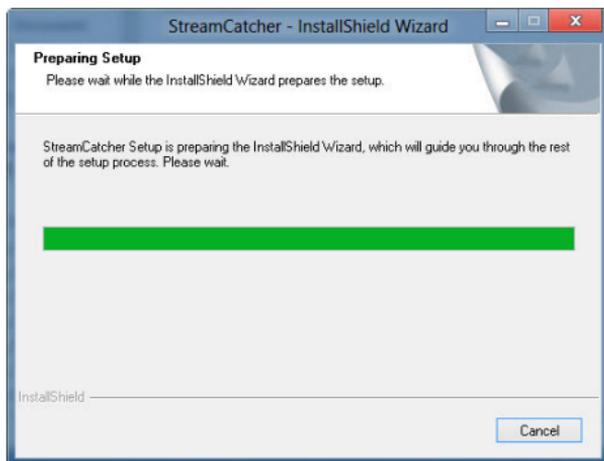
Note: After the card has been installed for the first time, your computer system may display the Found New Hardware wizard upon boot. If this message is displayed click cancel.

1. Download the latest software from the StarTech.com website (**recommended**)
or
Insert the included Driver and **Software installation disc** into your DVD-ROM drive.
2. Locate and run the Setup(.exe) application. This file will be located in the main file directory.
Note: If using the included Software installation disc, the software may begin automatically.

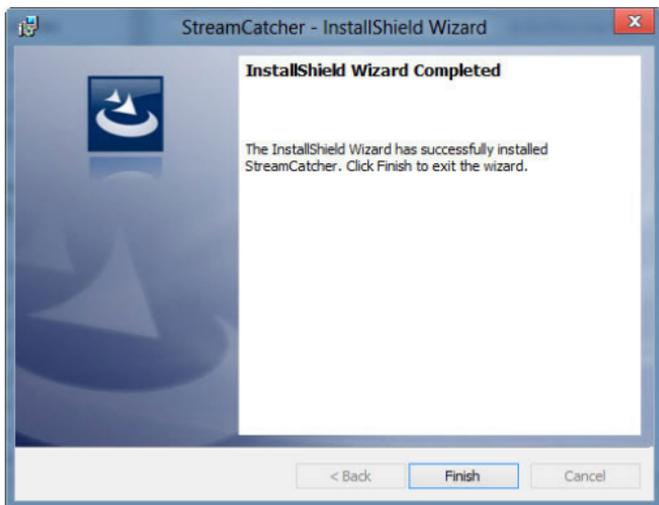
3. The Driver installation program will begin. If a Windows Security dialog window appears, click the “Run” or “Install this driver software anyway” option to proceed.



4. The installation wizard will now walk you through the installation steps for all drives and software installation as well as ask you to specify your desired language. You will be prompted to confirm installation and continue the installation process several times. Please follow the on screen Prompts, selecting affirmatively to each in order to complete the software Installation.



5. When prompted click Finish



Note: You will be required to restart your computer.

Software Operation

1. Upon starting Windows, if the "Found New Hardware" wizard appears on the screen, cancel/close the window and insert the included Driver CD into the computer's CD/DVD drive.
2. AutoPlay should automatically prompt you to run "Setup.exe". If not, open "My Computer" and double-click on the CD/DVD drive. Double-click the "Setup.exe" icon.
3. Proceed through the Installation wizard.
4. Complete the wizard and this should automatically install all necessary drivers/software. An icon for "StreamCatcher" should now be on the desktop.

How to Use

Connect the video/audio source to the video capture card using the appropriate cable(s). To connect a VGA source, use the included DVI to VGA adapter. If you wish to input audio from a source other than HDMI, make sure to connect the breakout cable and connect the audio source using stereo RCA cables (red/white).

Stream Catcher

Launch Application

Double-click the “StreamCatcher” icon on the desktop to launch the video capture application. This will bring up the main menu screen that contains the video preview window and recording controls. Additional options and configurations can be accessed through the Main Menu.



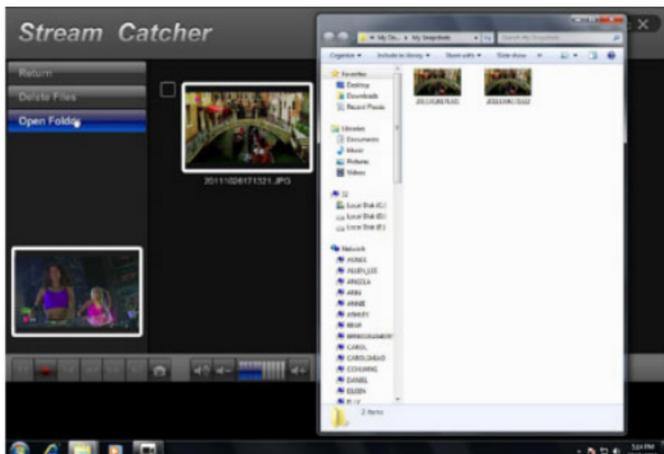
Initial Setup Note: If you have a video source connected, but are not able to view anything in the video window, go to the “Settings” section first, to make sure the “device” is configured properly. If using an HDCP protected video source (i.e. retail Blu-Ray movie), this will also result in no video preview/capture.



Manually recording video can be done by simply pressing the “Record” button from the control menu along the bottom of the Stream Catcher window. The frame around the video window will turn red, while recording. When you would like to stop recording, press the “Stop” button. The “Snapshot” button allows of taking a screen capture of the video stream.

Snapshot Files

Clicking this button will open the folder location where all of the snapshot files are saved in Windows.



Record Files

Clicking this button will open the folder location where all of the recorded video files are saved in Windows.



Schedule Recording

The software can be setup to start recording at a specific time and date and occur once or multiple times. Setup the schedule and click the “Add” button to save it. Multiple schedules can be maintained at the same time. To remove a schedule, simply select it from the list, and click the “Delete” button.



Settings

The Settings menu is broken into different sections for configuring various aspects of the software. System Settings contains configuration options for the user interface.



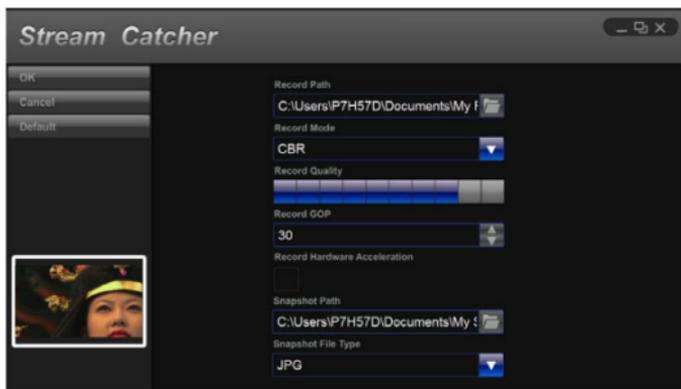
Device Settings

The Device Settings contains configuration options for the video capture hardware. Video and audio input source (HDMI, component, DVI/VGA), video system (NTSC/PAL), aspect ratio and video properties (sharpness, contrast, saturation, hue, brightness) can all be adjusted from this menu.



Record Settings

Contains settings related to video recording and snapshots. The location to save recorded video files as well as recording quality can be configured. The location to save the snapshot images and file format (JPG, BMP) are also set here.



Video Streaming

Streaming using RTMP Streaming Service Provider

1. Obtain the RTMP settings for your video streaming service. The below steps show how to obtain these settings from Justin.TV and Twitch.

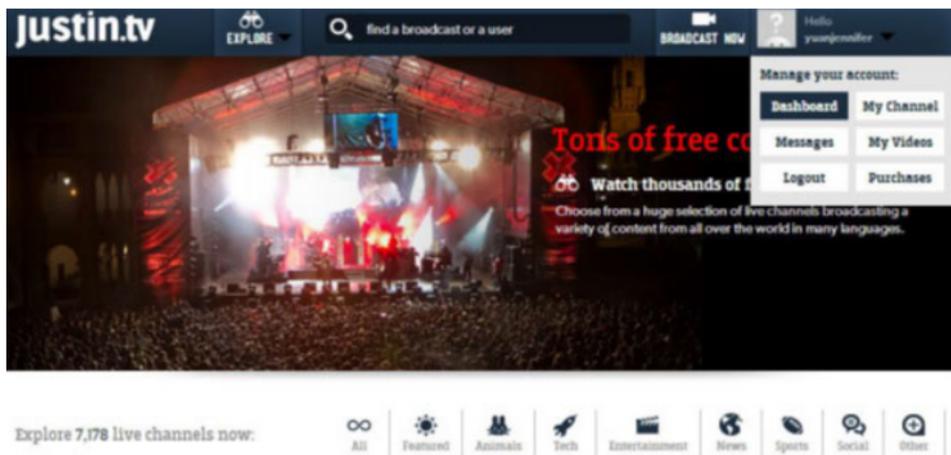
Note: Steps may vary from different streaming service providers, please contact your service provider for specific details.

For Justin.tv

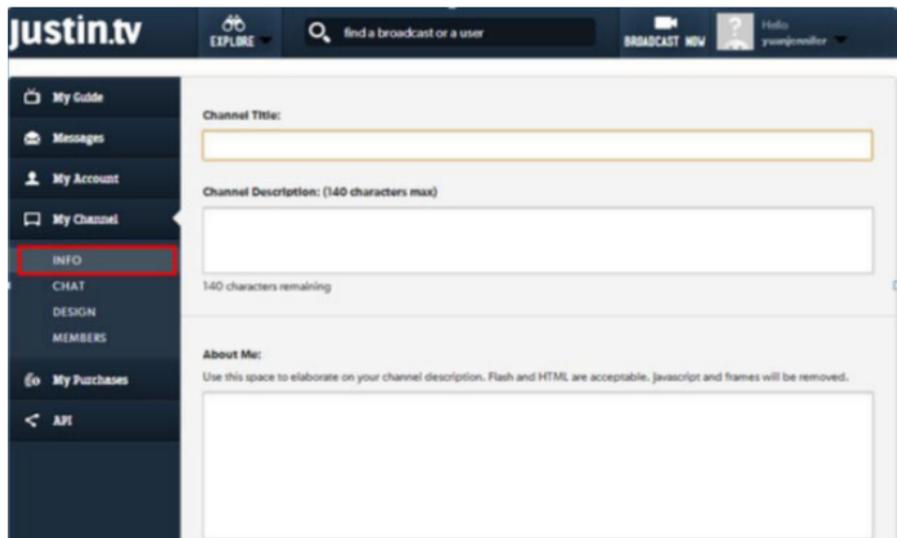
1. Open your web browser, and browse to the following website:

http://www.justin.tv

2. Login and select Dashboard from manager your account.



3. Select My Channel from the left side menu, followed by INFO.

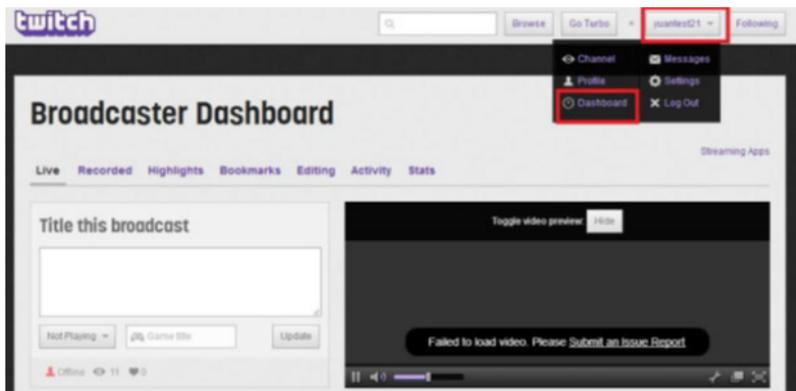


4. In the lower section of this page, you will find Steam Key: Show Click Show, you will see the key.

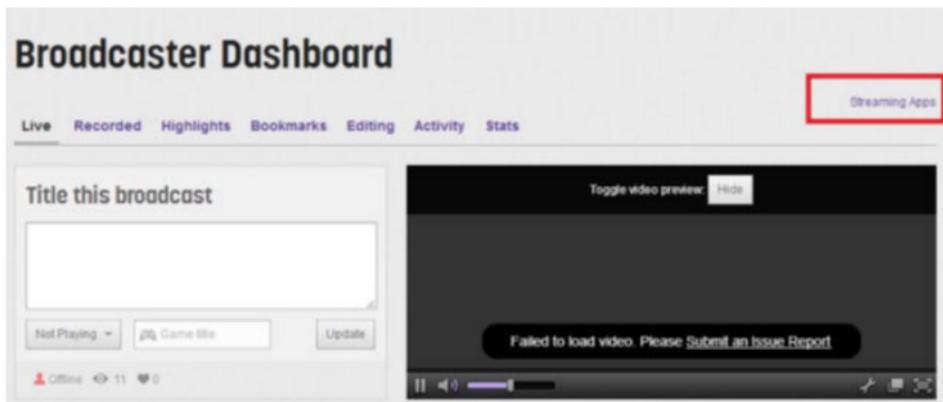


For Twitch

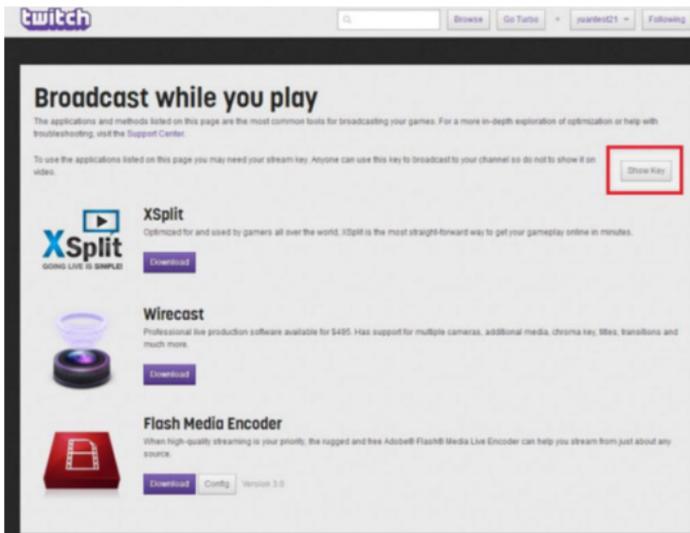
- Open your web browser, and browse to the following website:
http://www.Twitch.tv
- Login and select Dashboard from your account drop down menu.



- In the top left select Streaming Apps.



- Click the Show Key button, you will see the key.



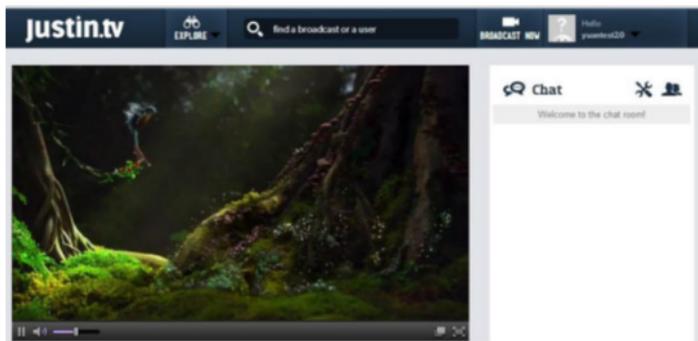
2. Open the Steam Catcher Program, and then select RTMP
3. Obtaining the streaming URL from your Streaming service provider.
Note: This is specific to your service provider and will likely contain the key located in the Step 1.)
4. In the field marked Streaming Public URL, type the Public URL for your streaming service followed by.
Note: this will be specific to your service. In the example below we are using Justin.tv. The Justin.tv URL is comprised of "rtmp://live.justin.tv/app/" followed by your stream key.



5. Return the screen catcher home page and click the blue record dot (pictured below).



6. The video will now be streamed to your Streaming service.v



1. Download and install appserv from the following URL:

<http://www.appservnetwork.com/>

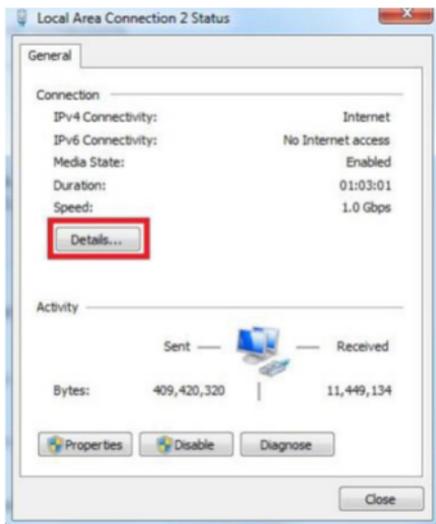
2. Locate your IP address.

Windows 8

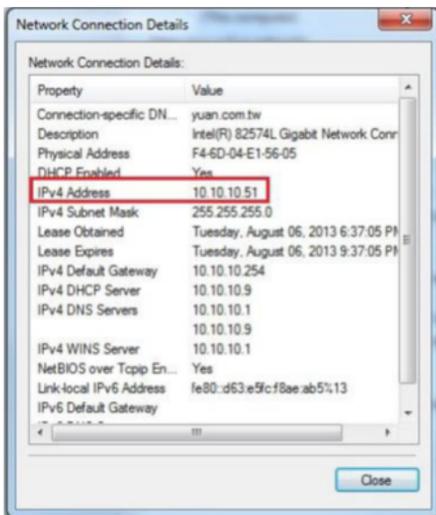
- a) Open Control panel
- b) Click Network and Sharing Center
- c) Click Local Area Connection 2



- d) Click the Details button



e) The IP Address is displayed.



Note: Steps for obtaining IP address will vary from operating systems. Please contact your system administrator for further details.

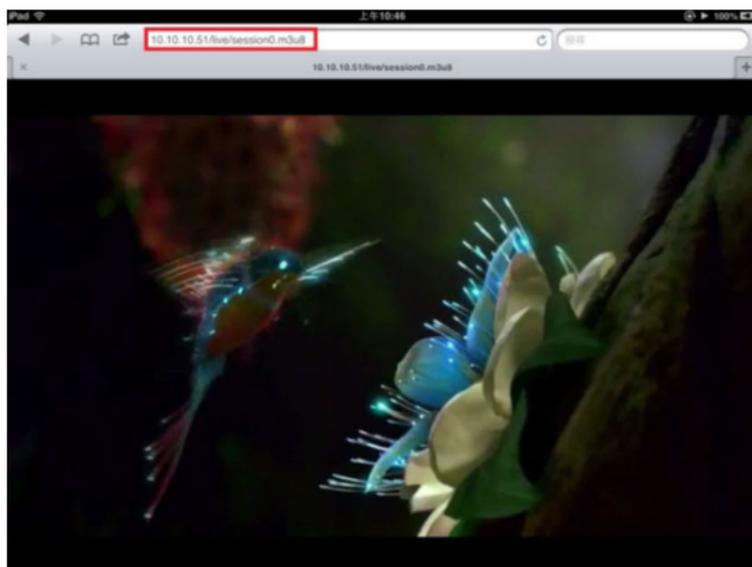
4. Open the Steam Catcher Program, and then select HLS
5. In the Streaming Public URL, type your IP address followed by: **live/session0.m3u8**



6. Return the screen catcher home page and click the blue record dot (pictured below).



7. Using a different device on your network (Tablet, laptop, etc.) open a web browser and type the full URL used in step 5. The URL is built using your computer IP address with the following at the end: **live/session0.m3u8**



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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

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