Thanks for purchasing HD game capture. Hope this device will bring you nice digital experience.

With the Full HD 1080P 60FPS game capture, just plug to your PC (Windows, Mac, Linux), no need install the extra driver, you can use any 3rd party software to capture or stream your HD game, or other HD video source.

**Features:**

1. USB3.0 port – To connect to computer with the enclosed USB3.0 Male-to-Male cable.
2. LED indicator – Will be on when connecting to a computer.
3. HDMI input port – Connect video source or game console with a HDMI cable.

**Work on Windows:**

1) Connect the HD game capture to a computer with the USB cable, please wait some minutes, the operation system would install the drive automatically, then there would show a new device “FHD Webcam” in Device Manager.
2) After the drive installed, right click on “Speaker” of your computer, choose “Recording devices”.

3) Double click “FHD Webcam”, at “Advanced” section, set the sample rate as “2 channel 16 bit, 48000 Hz (DVD Quality)”. **(If it is not smoothly when recording, please set it as “2 channel, 16 bit, 44100 Hz (CD Quality)”)**

4) If you need adjust the input audio level, or there is not audio input, set the value at “Level” section.
**Work with OBS Studio:**

1. Go to [obsproject.com/download](http://obsproject.com/download) to download the latest OBS Studio, and install it on your computer.

Then connect the HD game capture to the computer with the USB3.0 cable, connect to the video source with a HDMI cable. After the operation system installed the driver, you will see “FHD Camera” in device manager.

![Image of OBS Studio setup](image)

2. Run OBS Studio, Click “+” icon under “Sources” window, and select “Video Capture Device”.

3. Select “FHD Webcam” in the pull-down menu at the “Device” option:

![Image of device selection](image)

**Note:** If there is not video screen on the computer, please try to change the “Resolution/FPS Type” from “Device Default” to “Custom”, then set the Resolution as “1920*1080” or others. If the video screen shows out, you could
set it back as “Device Default”.

4, Set the Audio Output Mode as “Output desktop audio (WaveOut), select “Use custom audio device” option, then set the Audio Device as “Digital Audio Interface (FHD Webcamera)”:

5, Set the video latency for make the audio and video synchronized if you need:

1) Right click “Video Capture Device” then click “Filters”:
2) Click to add “Video Delay (Async)”: 

3) Set it to 470ms (You can adjust it smaller or bigger until you found the audio and video synchronized):

6, Then you can recording or streaming video:

**Note: If you use a laptop with the HD game capture, usually there is a “Mic/Aux” device in the Mixer section, it is the microphone on the laptop, please make it mute when recording to avoid the noise.**

Work with other applications (e.g. VLC, Media encoder, Potplayer…), just run the application then choose capture device to “FHD Webcamera”.
**Work on MAC:**

Work with OBS Studio:

Download and install OBS studio, then do the same as above on windows.

Work with QuickTime Player:

1. Run QuickTime player, select “New Movie Recording”:

![QuickTime Player Screenshot](image)

2. Choose “FHD Webcam” under Camera and Microphone option:

![Camera and Microphone Screenshot](image)

**Work on Linux:**

Work with OBS Studio:

Download and install OBS studio, then do the same as above on windows.

*(Note: Your Linux should meet the requirements of OBS)*

Work with OBS VLC (shows example for Ubuntu):

1. Right click on window, select “Open Capture Device”:
2. Choose “Video camera” ---“/dev/video0” then click “play”
Specifications:

Connections

<table>
<thead>
<tr>
<th>Interface</th>
<th>USB 3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>A/V Input</td>
<td>HDMI v1.4</td>
</tr>
</tbody>
</table>

Standards

| System Requirement | Windows 7, 8, 10, OS X 10.9 or later, Linux. PC: Intel Core i5-3400 + NVIDIA GT630, NB: Intel Core i7-3537U 2.0 GHz + NVIDIA GT735, Mac: i5 quad-core or above, VGA card supporting DirectX 10, Sound card, 4GB RAM, Powered USB 3.0 port: Intel chipset with native USB 3.0 host controller (Renesas, Fresco …) |
| Resolution     | 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p), 1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p) |
| Software compatibility | OBS Studio (windows, OS X); 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); vMix (Windows); Potplayer (Windows) and etc. |
| Development interface compatibility | DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux) OS X (QuickTime) |
| Record Quality | Max 1080P 60FPS |

Tips: you could download this user manual from the following link also: [http://www.hopcentury.com/1/HD-USB3.pdf](http://www.hopcentury.com/1/HD-USB3.pdf)

HopCentury Electronic Co., LTD