

PHDRCB48



Live Streaming USB3.0 HDMI Video Recorder
with HDMI Pass through

USER MANUAL

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With PHDRCB48 Full HD 1080 60 fps game capture, USB3.0 fastest speed, captures up to 1080 60fps full HD. UVC Standard, no driver required, works with most of 3rd party software and live video streaming for Skype, Facebook, Youtube, etc.

Features:



1. USB3.0 Type - A port – Connect to computer with USB3.0 cable.
2. LED – Will be on when connected to computer.
3. HDMI Input port – Connect video source with HDMI cable.
4. HDMI Output port – Connect to TV monitor to view input video, it isn't necessary for capture function, but also for viewing video on a big monitor.

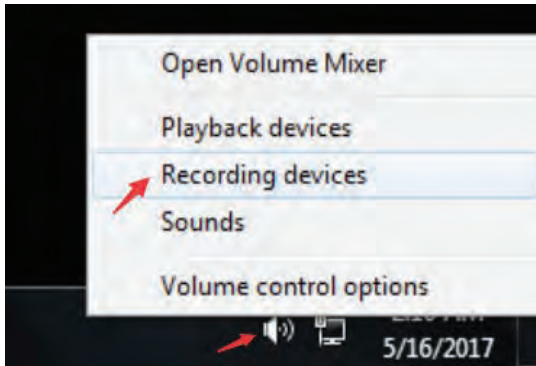
Works on Windows

To begin, set the audio capture sample rate to 48Khz

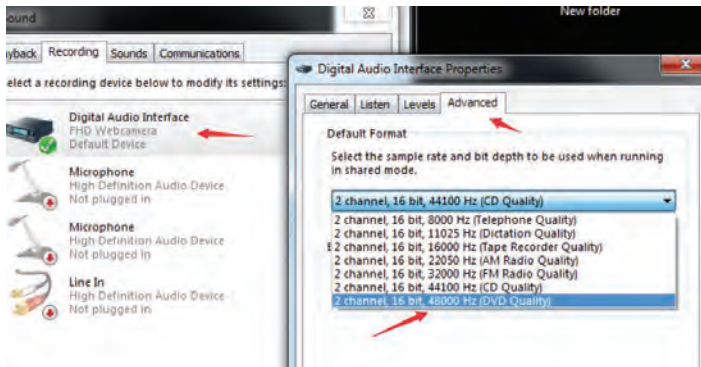
Note:

Always set the audio capture sample rate, otherwise it will cause bad audio quality

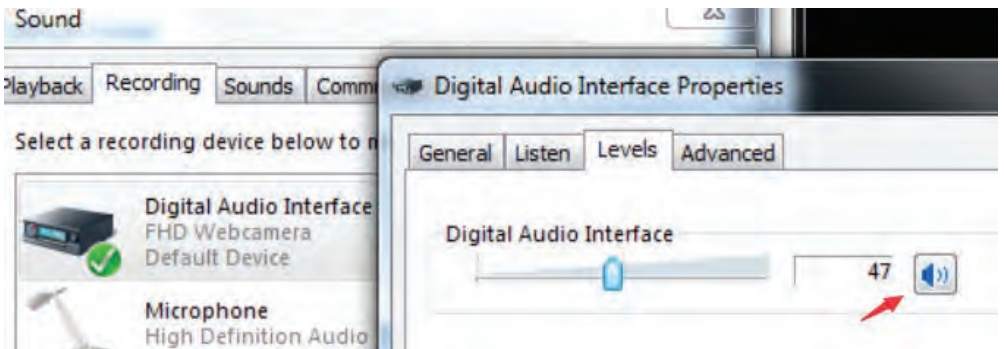
1. After connecting PHDRCB48 to computer, right click on "Speaker" of your computer, choose "Recording devices".



2. Double click "FHD Webcamera" ----At "Advanced" choose the sample rate to "2 channel 16 bit, 48000 Hz (DVD Quality)"



3. To adjust the input audio level, or no audio input, at "Levels", set the value:

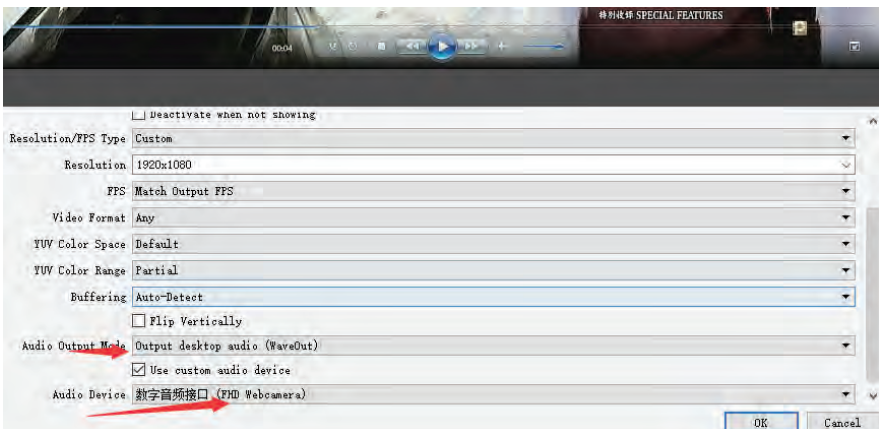


Work with OBS Studio:

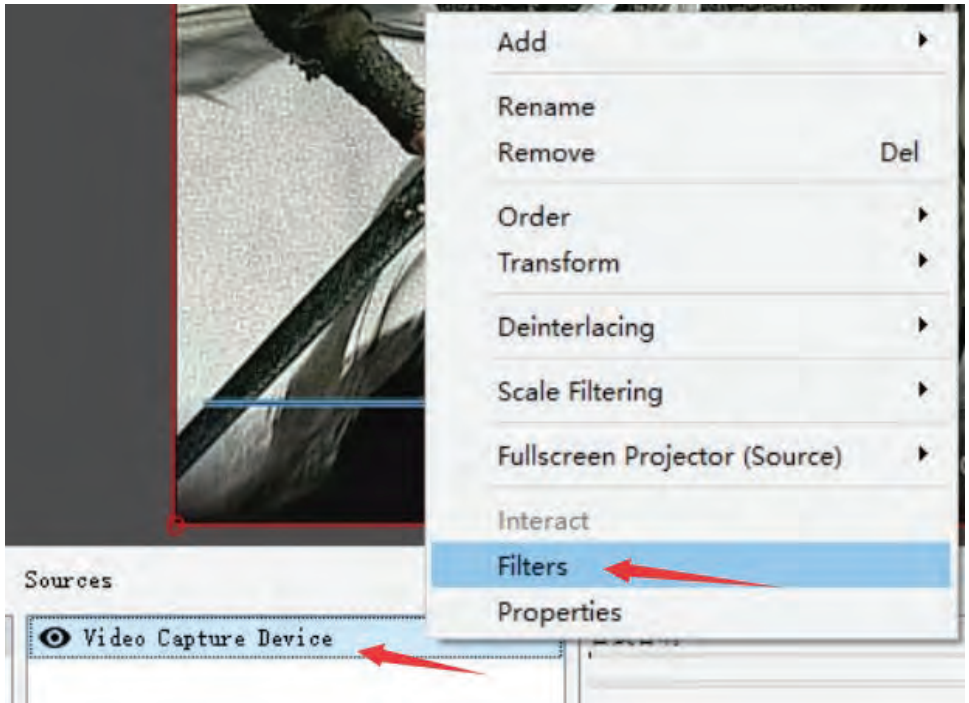
1. Connect PHDRCB48 to computer with USB3.0 cable, and connect video source with HDMI cable, windows will install the driver automatically, you will see "FHD Camera" in device manager. If you want view video on a big monitor, you can connect the HDMI output of PHDRCB48 to your TV monitor with HDMI cable.
2. Run OBS Studio, Click "+" icon under "Sources" window, and select "Video Capture Device", then select "FHD Camera" in the drop box next to "Device":



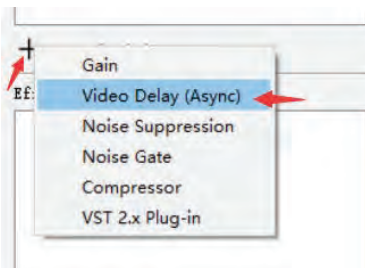
3. At Set Audio Output Mode to "Output desktop audio (WaveOut), Audio Device to "FHD Webcamera":



4. Set the video latency for make the audio and video synchronized:
1. Right click "Video Capture Device" then click "Filters":



2. Click to add "Video Delay (Async)":



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



5. Then you can record or stream video:



Works with other applications (e.g. VLC, Media encoder, Protplayer...):
Just run the application then choose capture device to "FHD Webcamera".

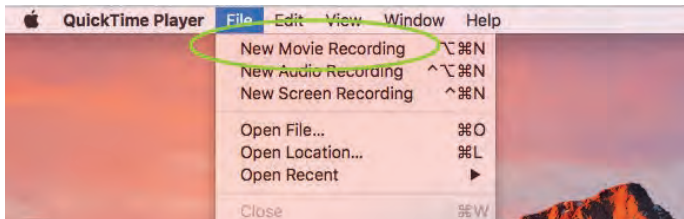
Work on MAC:

Work with OBS Studio:

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

Works with QuickTime Player:

1. Run QuickTime player, select "New Movie Recording":



2. Choose "FHD Webcamera" under Camera and Microphone option:



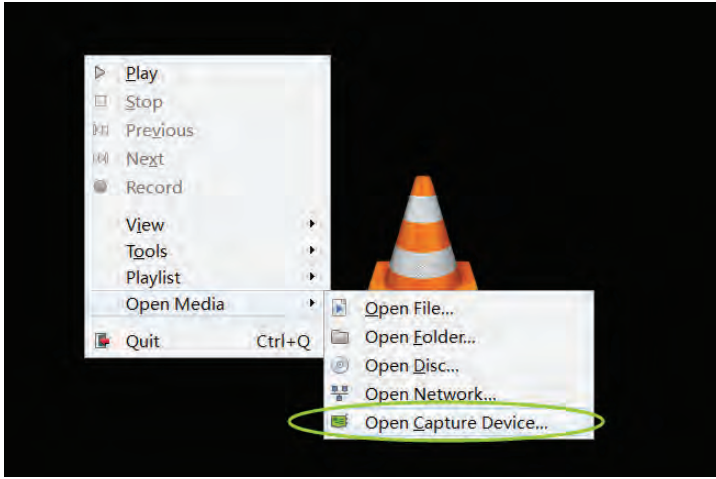
Works on Linux:

Work with OBS Studio:

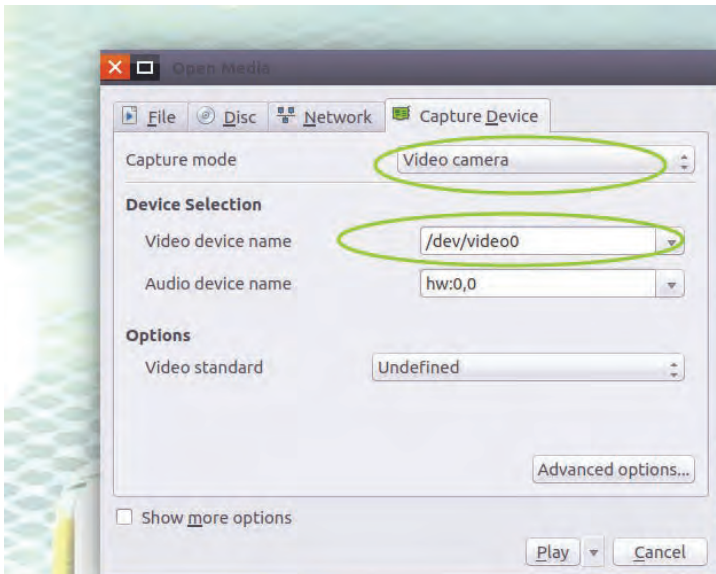
Download and install OBS studio, then do the same as above on windows.
(note: Your Linux should meet OBS requirements)

Works 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"



Connections

Interface	USB 3.0
Video Input, Output	HDMI
Audio Input, Output	HDMI

Hardware Extra

Dimensions	95.5*57*16MM
Weight	56g

Package Contents

Device	PHDRCB48
Others	USB3.0 cable, manual

Standards

OS support	Windows 7, 8, 10, OS X 10.9 or later, Linux
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:	Direct Show (Windows), DirectSound (Windows),V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
Record Quality	Max 1080P 60fps



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