

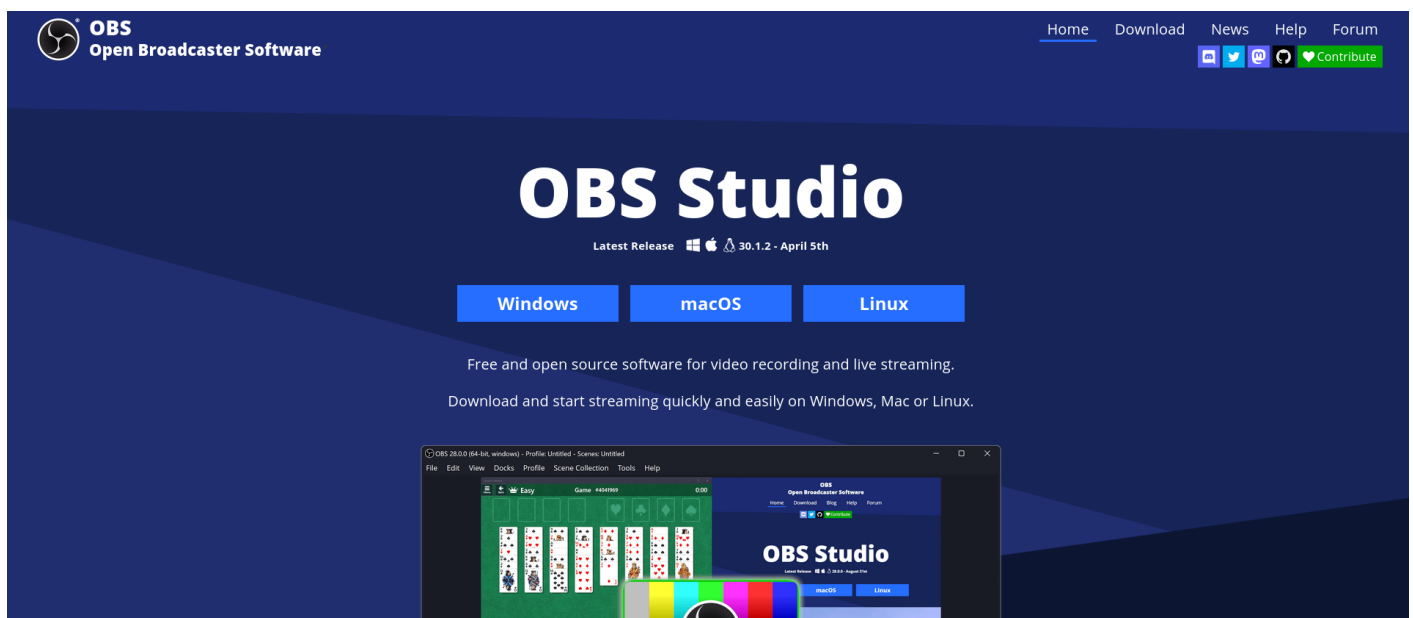
# how to set up OBS for capturing external video

## FOR ANALOG VIDEO ON BREADBOARD STUDENTS

in the [foundations of analog video on breadboard](#) class we are working with VGA analog video signals on breadboard. to display and capture the output from our breadboard the default method is to [convert VGA to HDMI](#) and then use a [USB HDMI capture card](#) to input this video to a computer

on the computer we will use a software called [OBS - Open Broadcaster Software](#) to display the incoming signal.

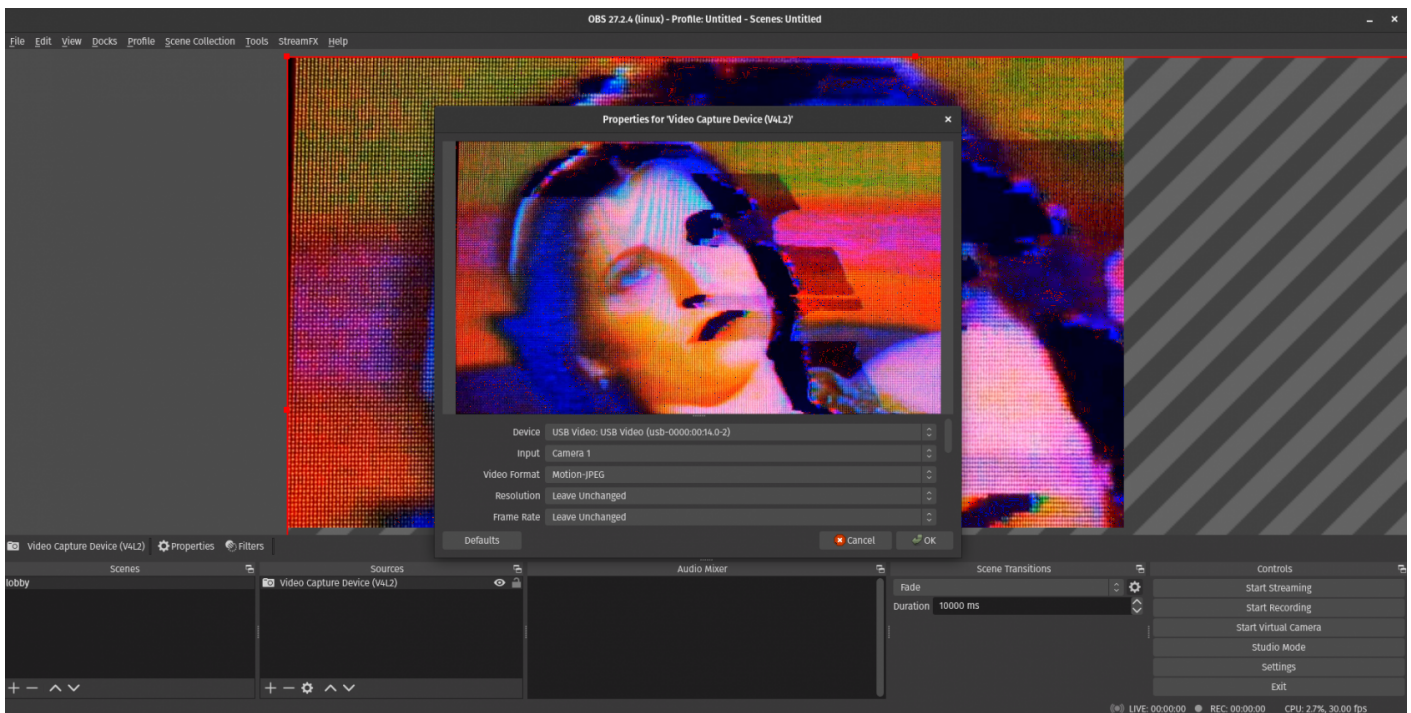
- download [obs](#) for your platform



- plug in one of your hdmi cables with one end into the *hdmi output on your computer* and the other end into your **USB\_VIDEO\_CAPTURE** -> then that *usb back into the computer*



- open the program and find the *sources* in bottom left of screen
- click **+** to add a new source with type **Video Capture Device** then click **ok** on *create/select source*
- now under the properties for *video capture device* you should see an option under device that says **USB VIDEO**
- you should be able to see your computer desktop on the input ! that means its working wahoo!



- if you see colour bars this mean it is finding the usb capture but not getting a signal on it - try unplugging and plugging in the hdmi at output end
- if you dont see the USB VIDEO device coming up this means it is not finding the capture device - try plugging it into another usb port and restarting obs

### Revision #3

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