

# Remote tutorial teaching *via* MS Teams for Chemistry

**How to set up  
your camera  
and workspace**

**OBS  
Software  
Installation**

**Multiple  
camera  
inputs in  
Teams**

**Running  
your Teams  
tutorial**

# Installation of OBS Software

# Installation of OBS software

HueHD Pro camera → OBS software → Set up a Teams tutorial → Multiple cameras in Teams → Tutorial recordings → Microsoft Stream

To run the camera in the correct orientation, you need to install two pieces of software:

**Open Broadcast Studio (OBS)**

**OBS Virtualcam**



**Open Broadcast Studio (OBS) [current version 25.0.8]**  
<https://obsproject.com/download>

**OBS Virtualcam for Mac [current version 1.2.0]**  
<https://github.com/johnboiles/obs-mac-virtualcam/releases>

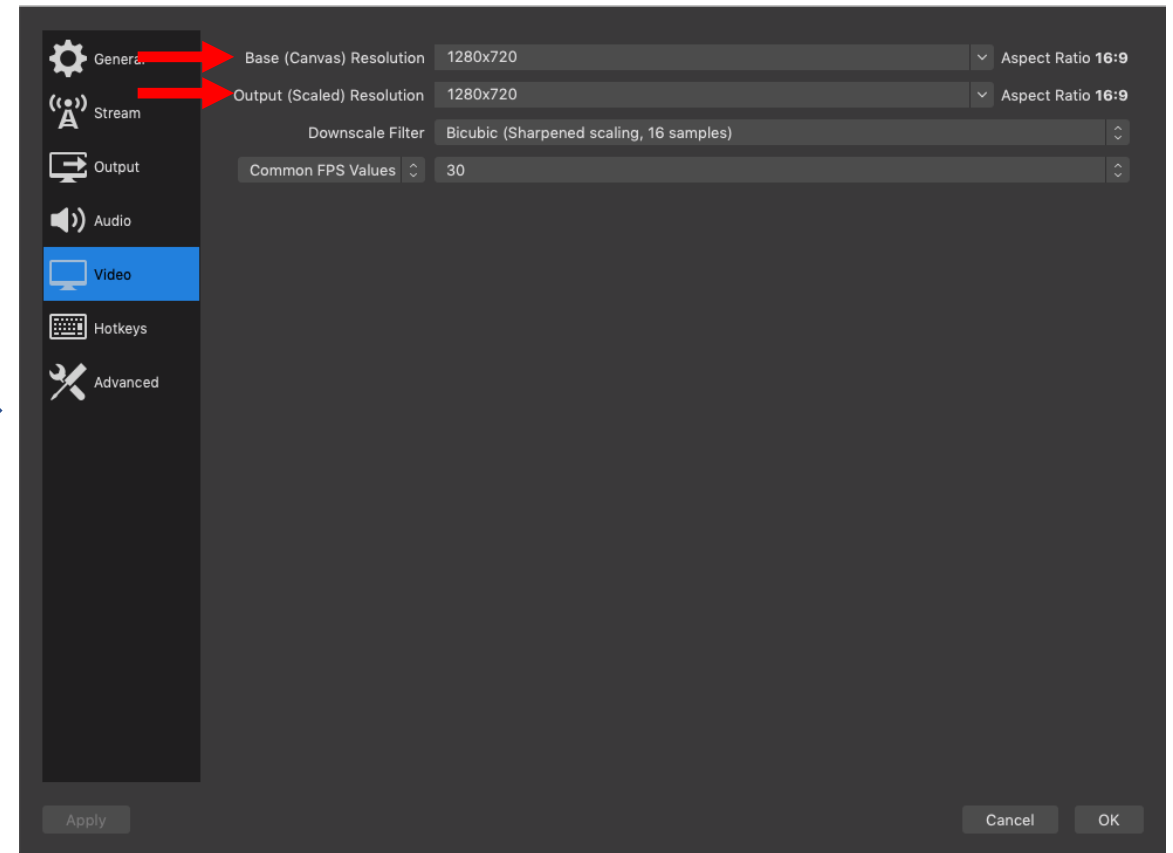
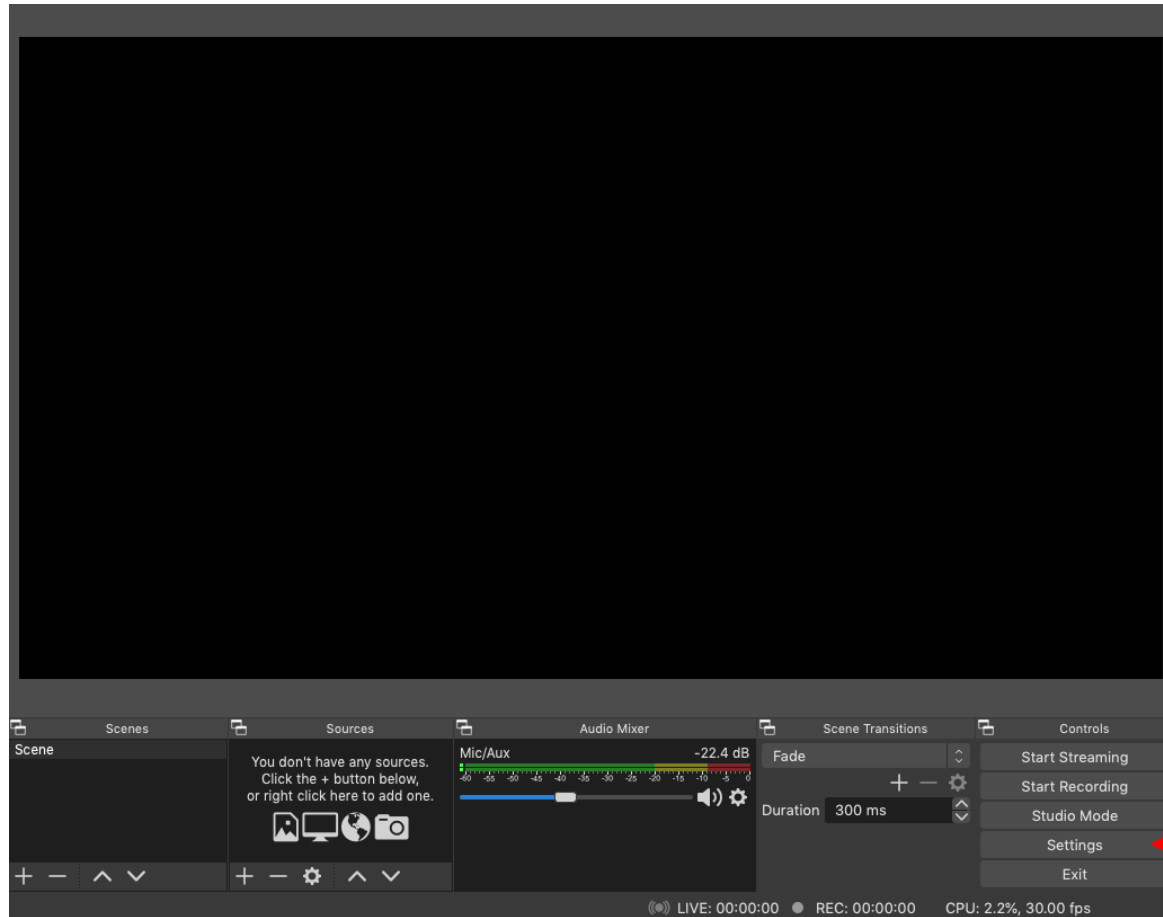


**Open Broadcast Studio (OBS) [current version 25.0.8]**  
<https://obsproject.com/download>

**OBS Virtualcam [current version 2.0.5]**  
<https://obsproject.com/forum/resources/obs-virtualcam.949/>

# Setup HueHD Pro camera in OBS

HueHD Pro camera → OBS software → Set up a Teams tutorial → Multiple cameras in Teams → Tutorial recordings → Microsoft Stream



Open **OBS** and click on **Settings** (bottom right)

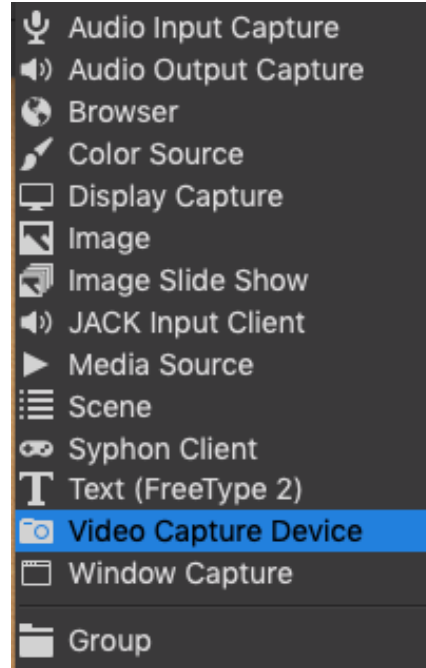
In the **Video** tab, set the **Base (Canvas) Resolution** to **1280x720** and the **Output (Scaled) Resolution** to **1280x720**

# Setup HueHD Pro camera in OBS

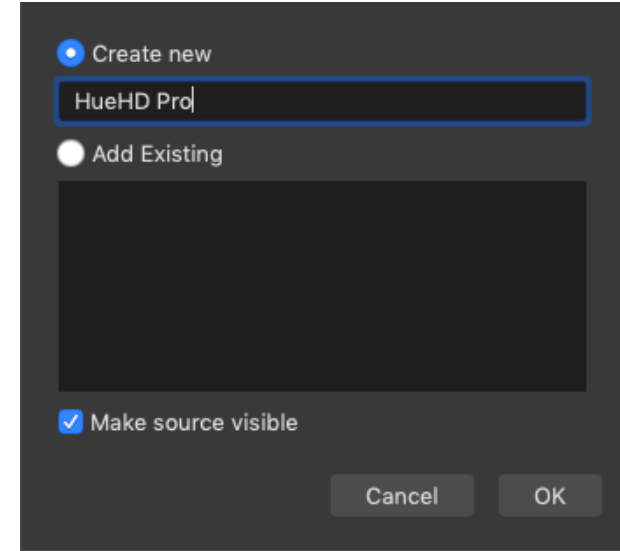
HueHD Pro camera → OBS software → Set up a Teams tutorial → Multiple cameras in Teams → Tutorial recordings → Microsoft Stream



In the **Sources** box at the bottom of the OBS screen, click the **+** to add a new camera

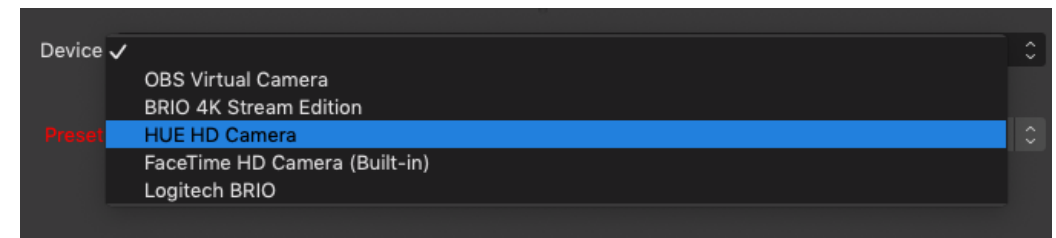


Select **Video Capture Device** from the menu



Select **Create New** and name your camera **HueHD Pro**

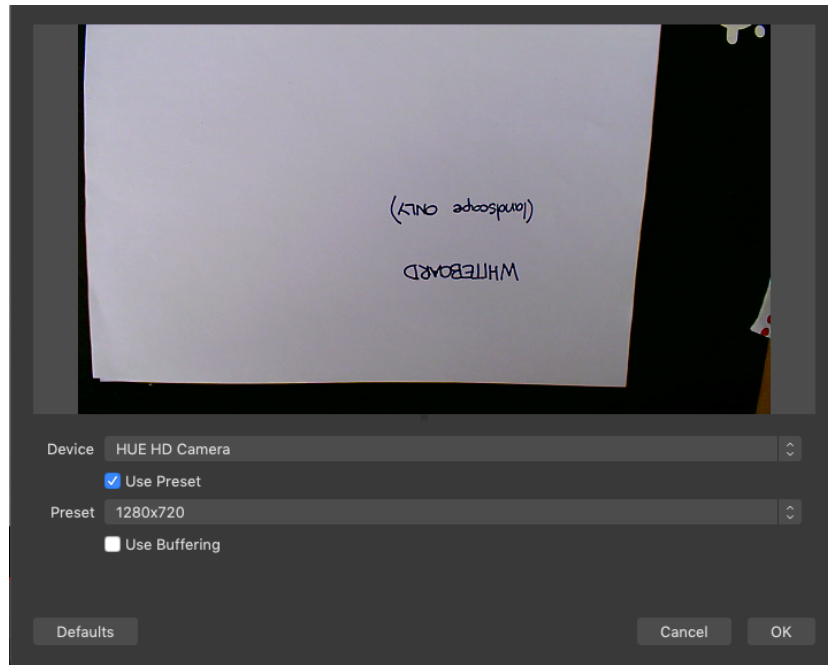
Then click **OK**



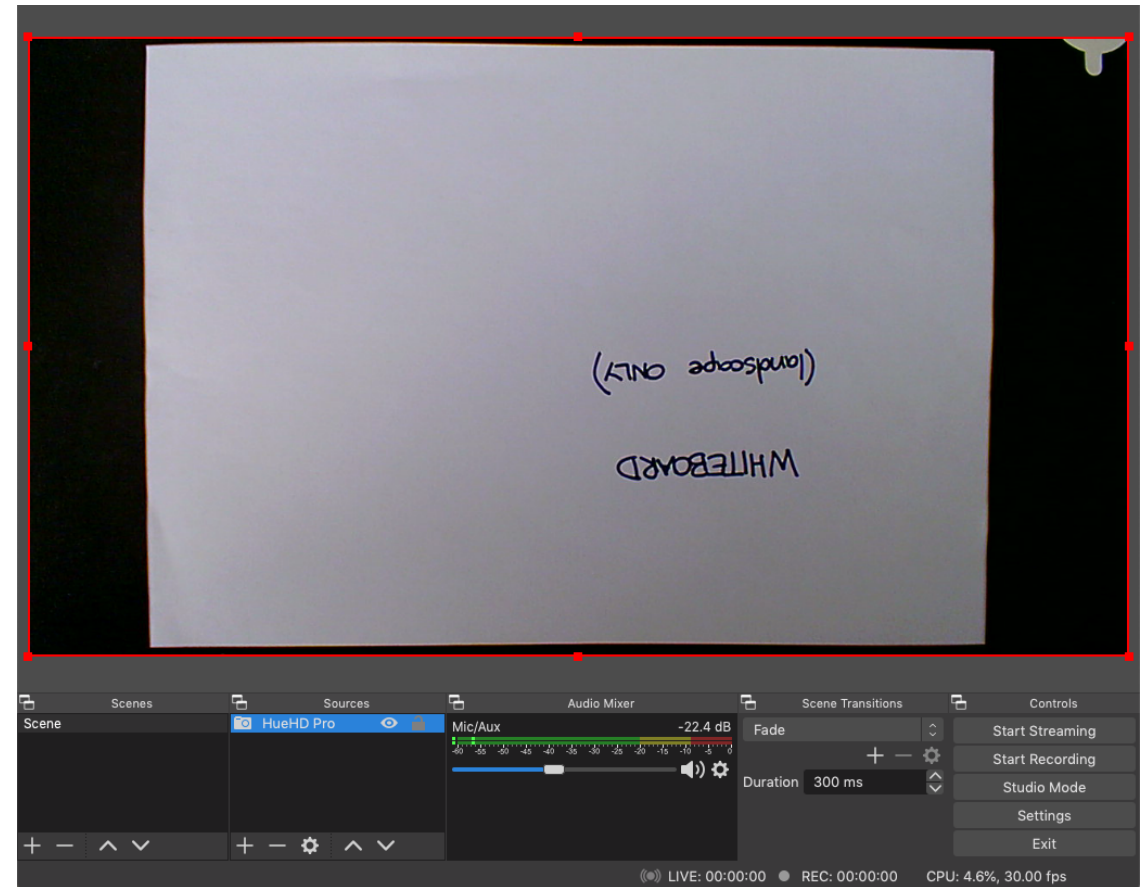
Drop down the **Device** menu, then select **HUE HD Camera**

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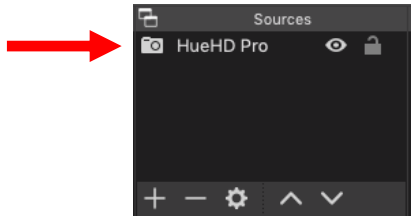
Your screen should look like this and you will see the camera output now (*it will be upside down*)



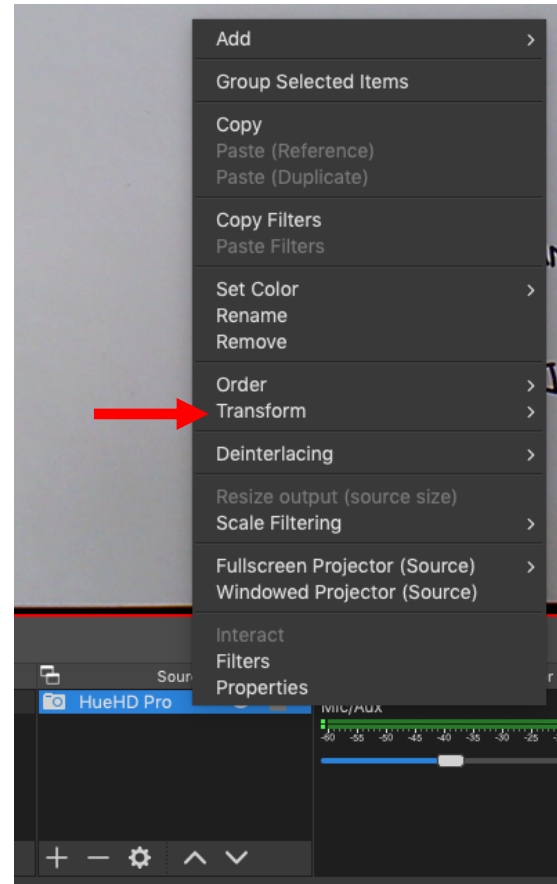
Click **OK** and return to the main OBS screen

# Setup HueHD Pro camera in OBS

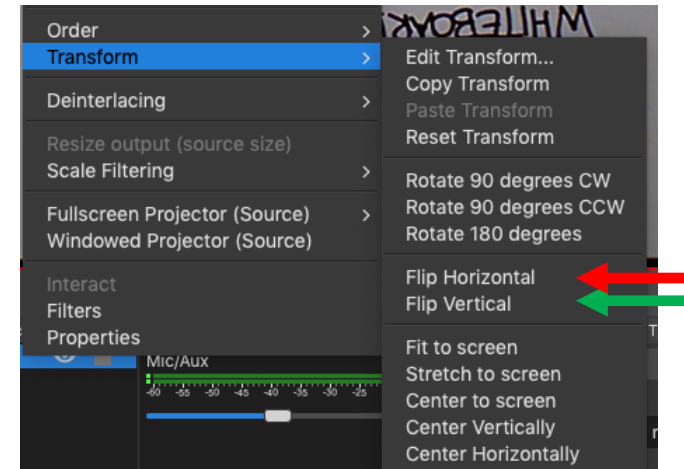
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Right click on your  
**HueHD Pro** camera in  
the **sources** tab of **OBS**



Expand **Transform** option



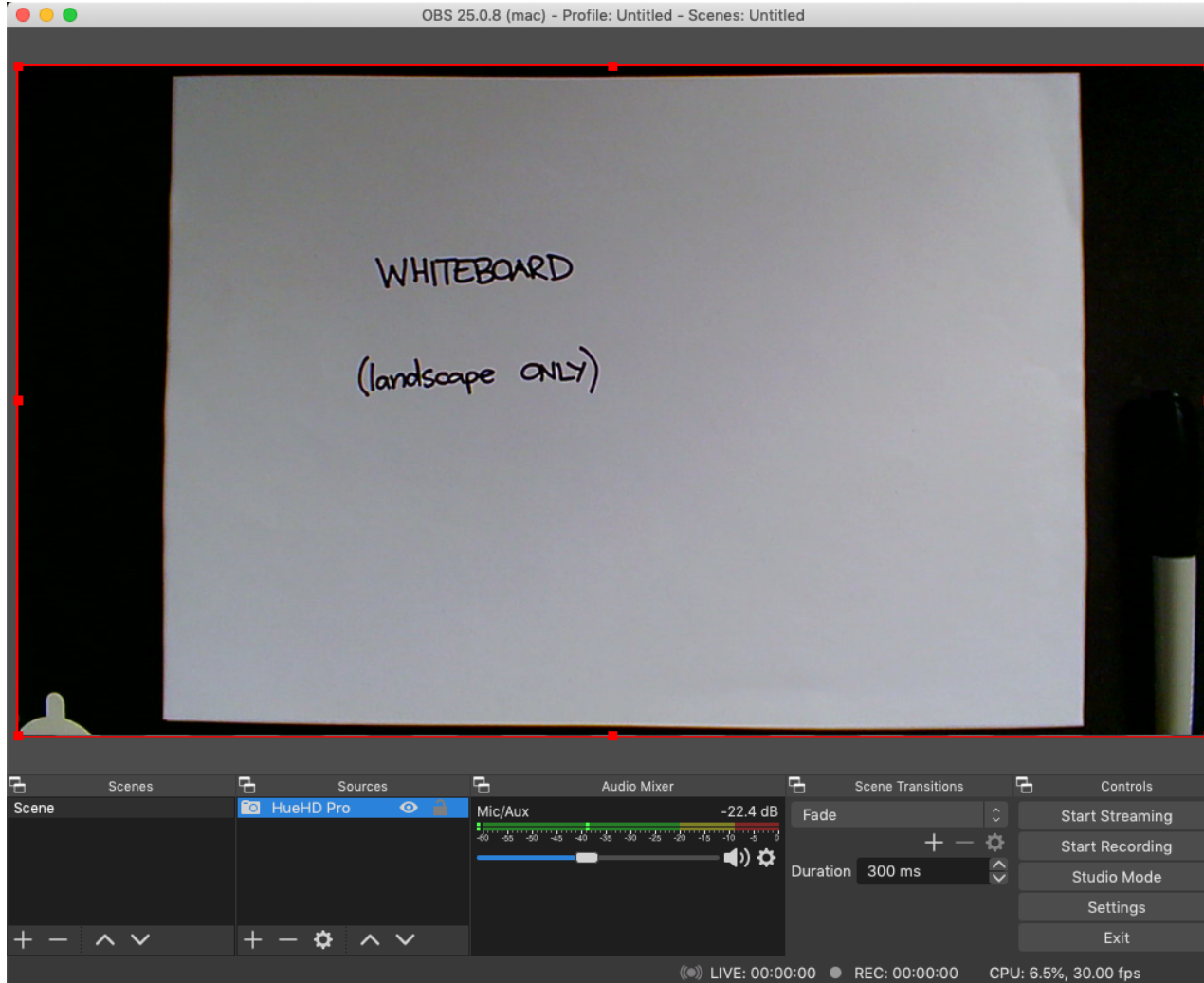
Click on **Flip Horizontal** option

Repeat this process again, and  
choose **Flip Vertical** the second time

The image in OBS should now read  
correctly on screen – this is what  
your students will see

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**Your screen should look like this and  
you will see the camera output now**

***(it should be the right way around)***



# HueHD Pro camera setup – zoom and focus

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You can adjust the **zoom** of the camera by moving the camera head nearer / further from the desktop

Use the **flexible arm** to keep the picture orientation **squared** to avoid trapezoid shapes



Your HueHD Pro camera has **manual focus** only

You can adjust the **focus** of the camera by gently twisting the **coloured ring** around the lens.

Use the screen in OBS to view focus results.

**You should not need to readjust focus unless you are showing the students books or other objects**