

How to install OBS Studio

Step 1. Download OBS from the official website: <https://obsproject.com/>

Step 2: Click the red block according to the computer system



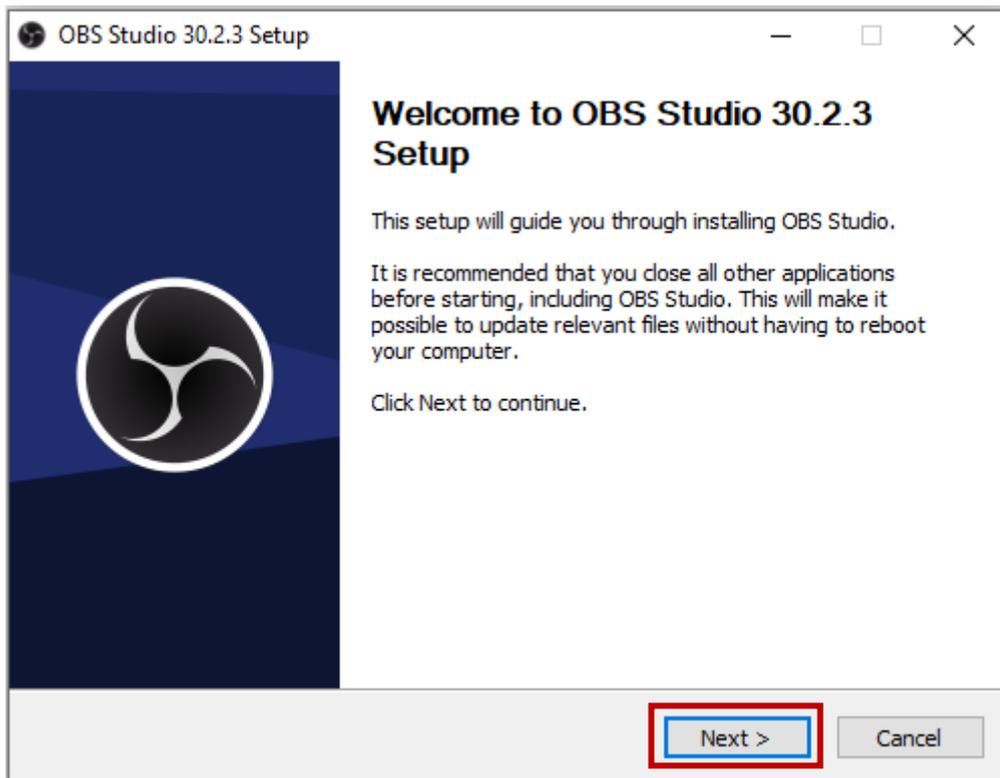
Step 3: Double-click on the installer file

 OBS-Studio-30.2.3-Windows-Installer

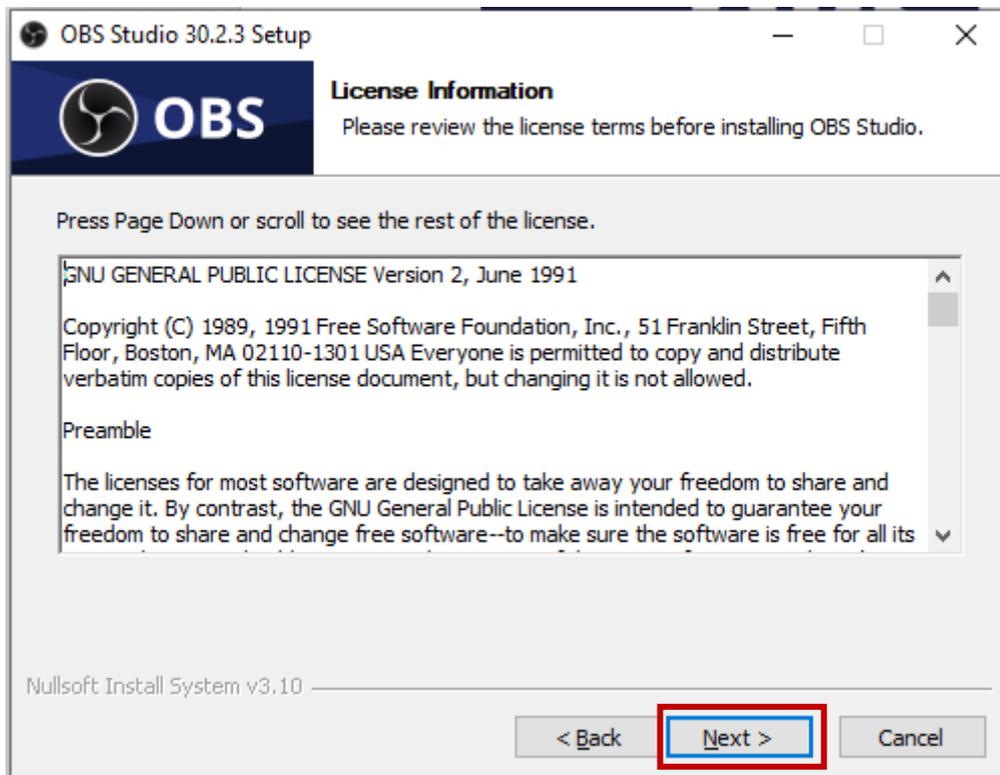
Step 4: Follow the prompts to install OBS on your computer

“Do you want to allow this app to make changes to your device”, select “Yes”

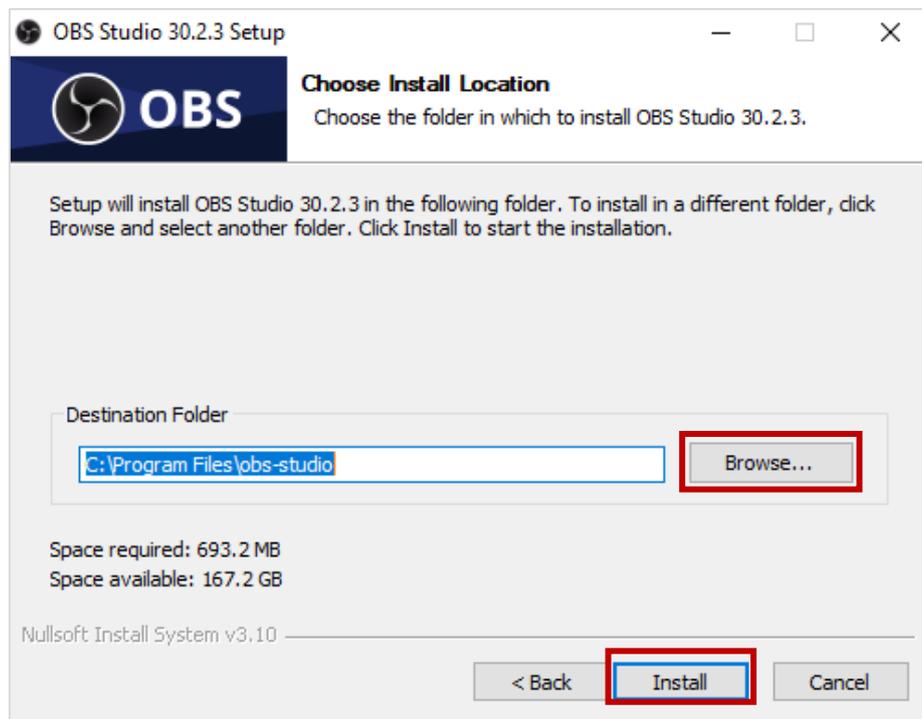
Step 5: Click “Next”



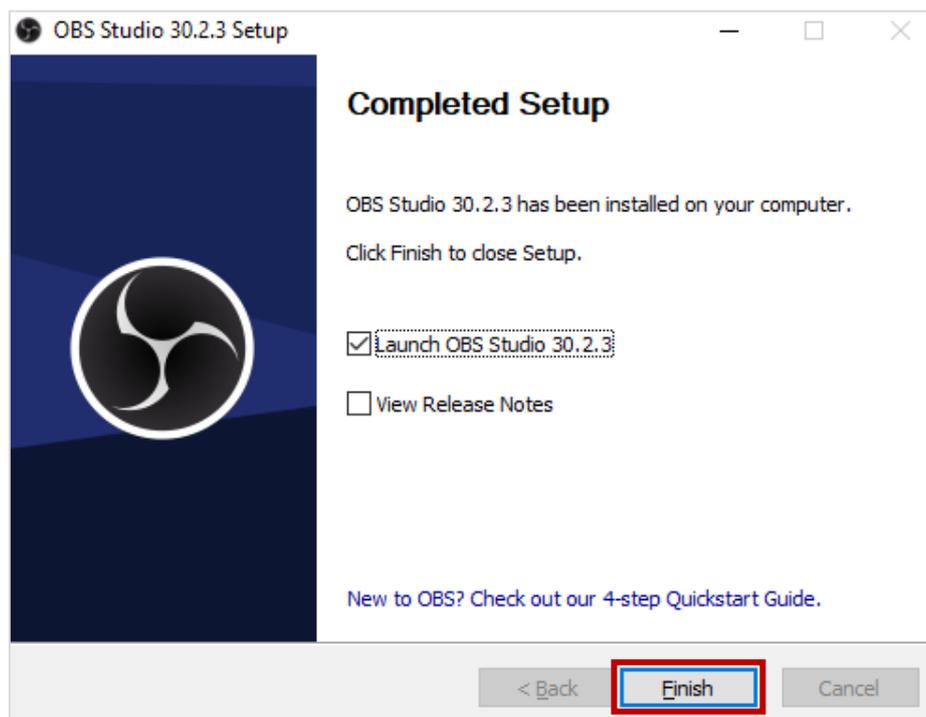
Step 6: Click “Next”



Step 7: Select the location to save (the default is C:\Program Files\obs-studio). If you need to change, click Browse. If the changes are completed or no changes are needed, click “Install”



Step 8: Wait for installation and click “Finish”



How to set up OBS Studio

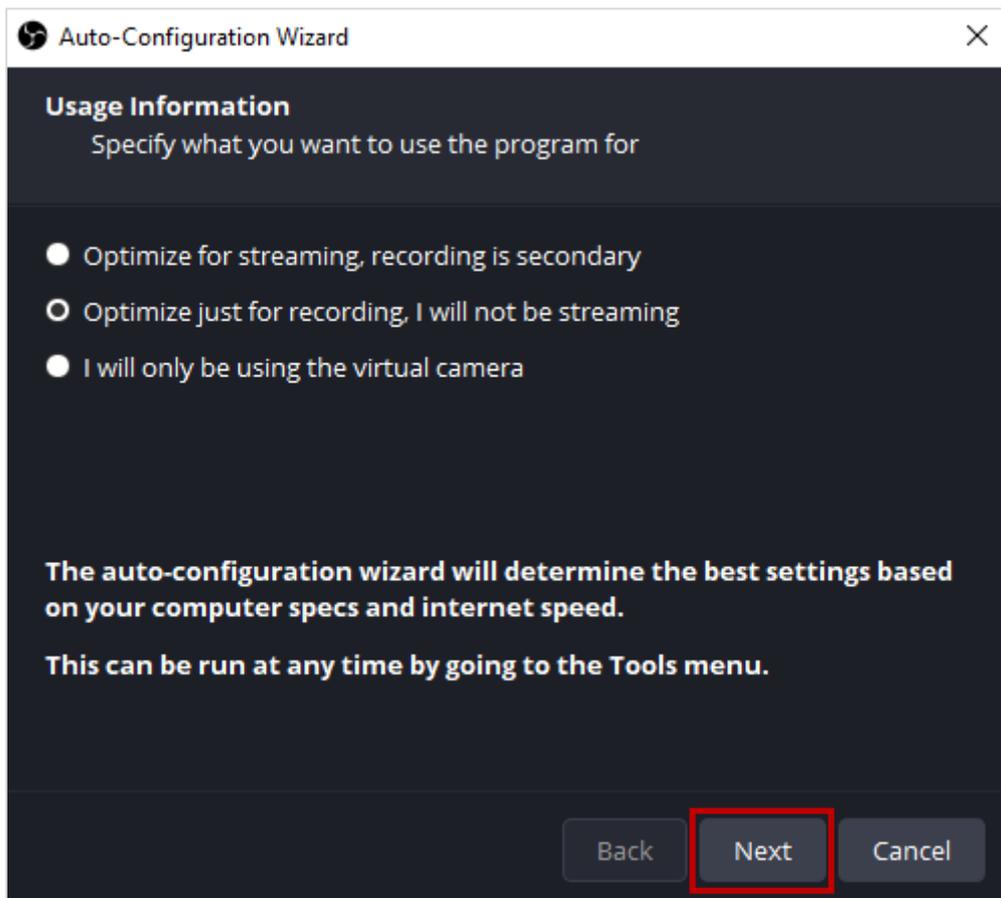
If you are using public E-classroom computer set up by the teaching service team, you can skip the OBS Studio setup step and proceed directly to the steps for using OBS Studio

OBS Studio settings

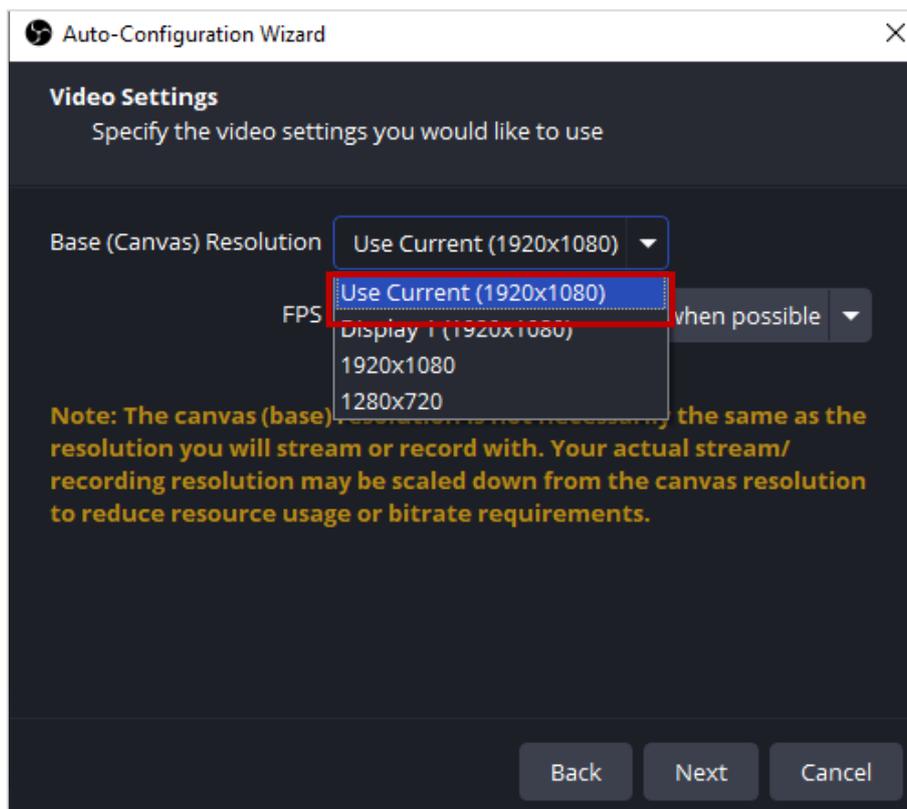
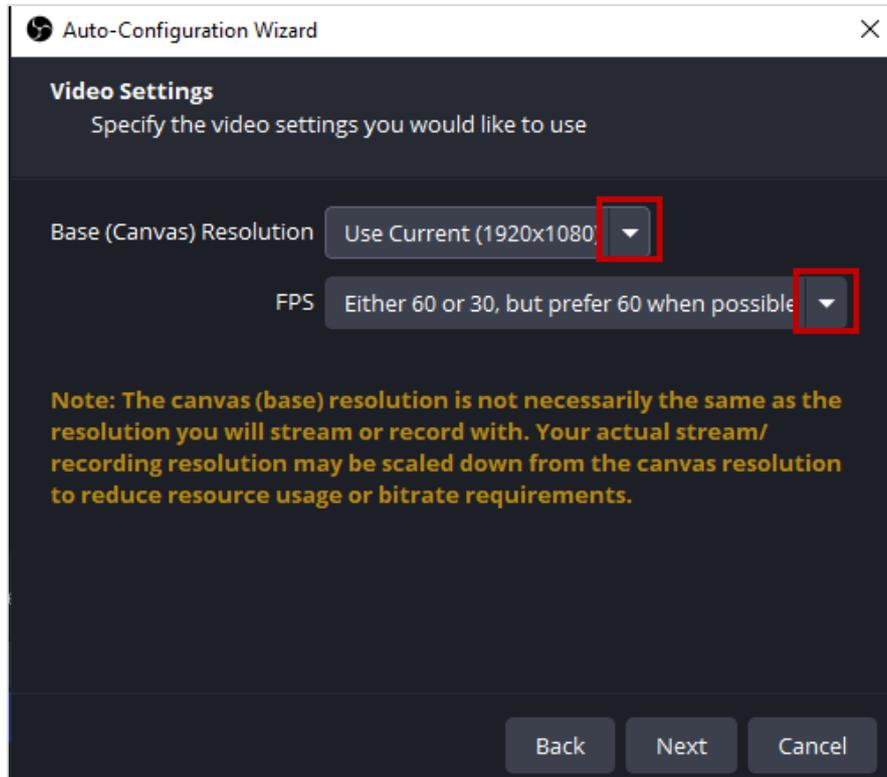
Step 1: When you launch OBS Studio for the first time, you will encounter the Auto-Configuration Wizard. This automated tool tests your system and applies the most optimal settings specifically for your device. The Auto-Configuration Wizard is the best option if you want to start streaming as quickly as possible.

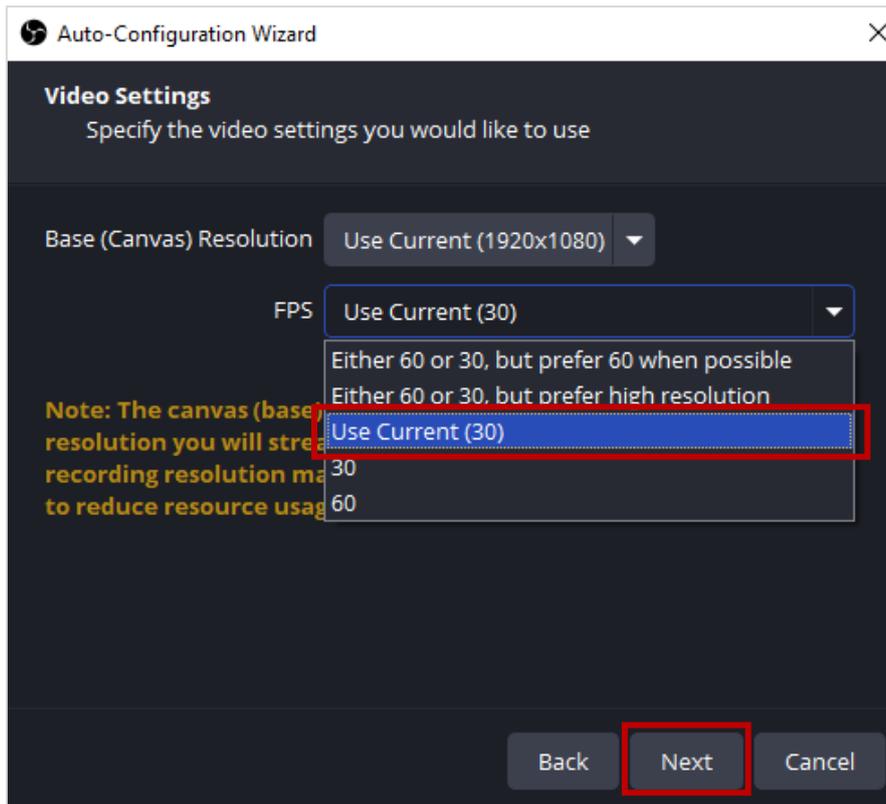
If you want to run it again later, you can access it in the Tools menu at the top menu bar at any time to perform the automatic configuration. And if you aren't happy with the result, you can always modify the settings yourself later.

If you want to use for recording, please select the second option "Optimize just for recording, I will not be streaming" and click "Next"

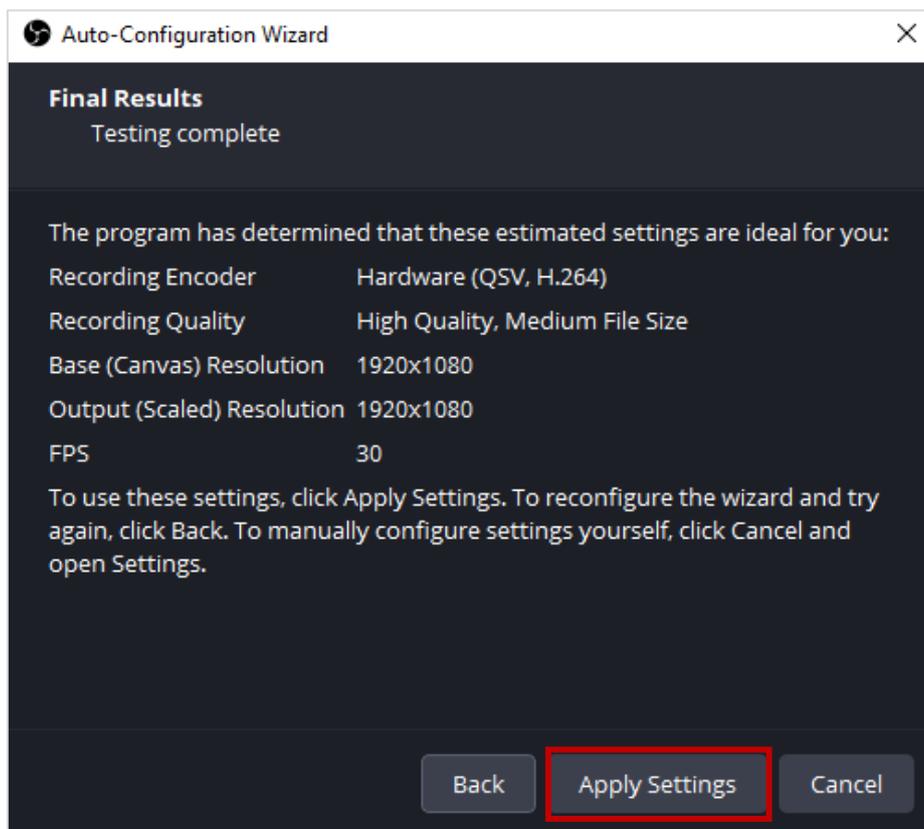


Step 2: Specify the video setting you would like to use. The first option is to adjust the resolution. You can click and select the resolution you want. Click on the second option and select 30

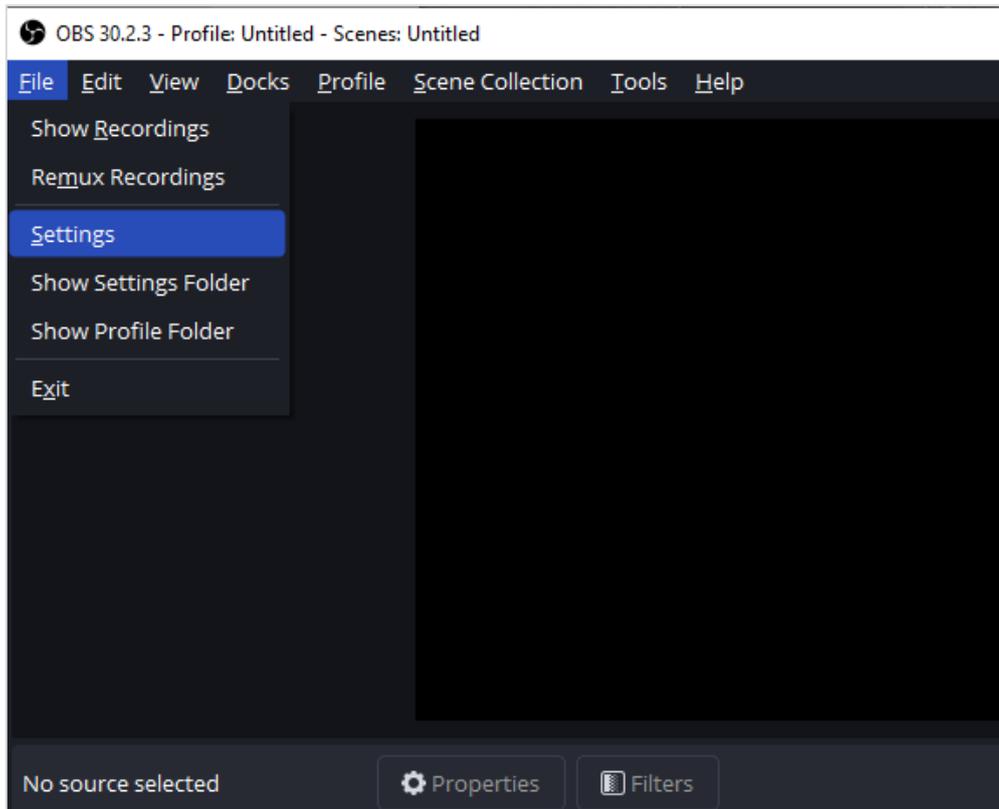




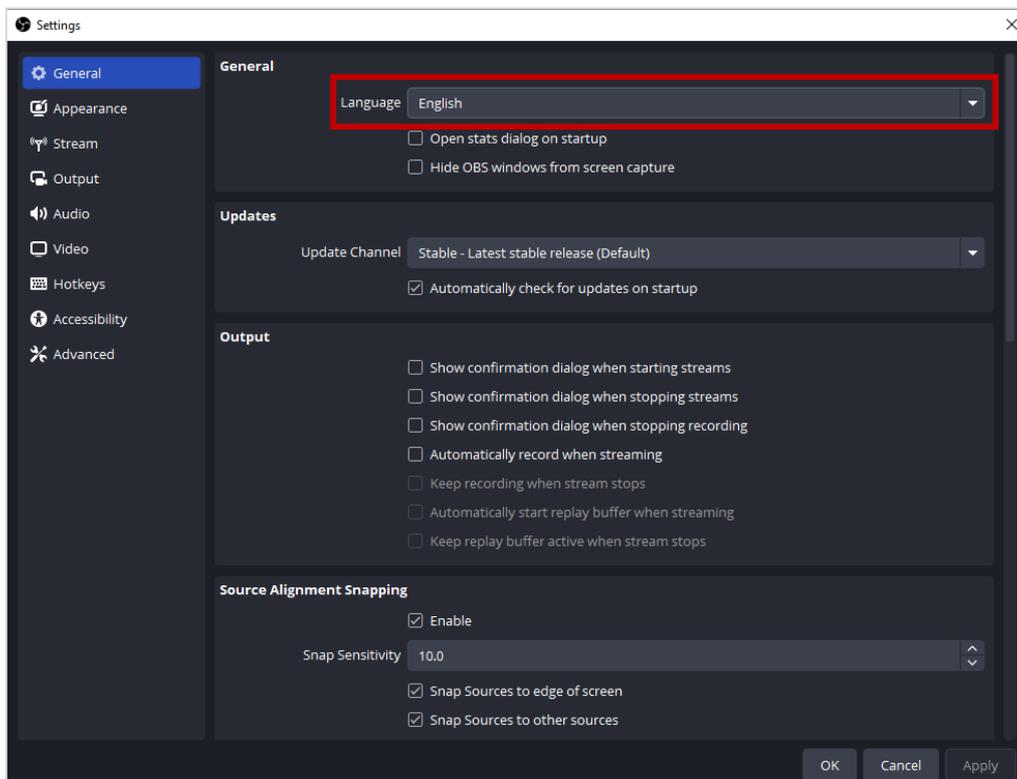
Step 3: Click “Apply Settings”



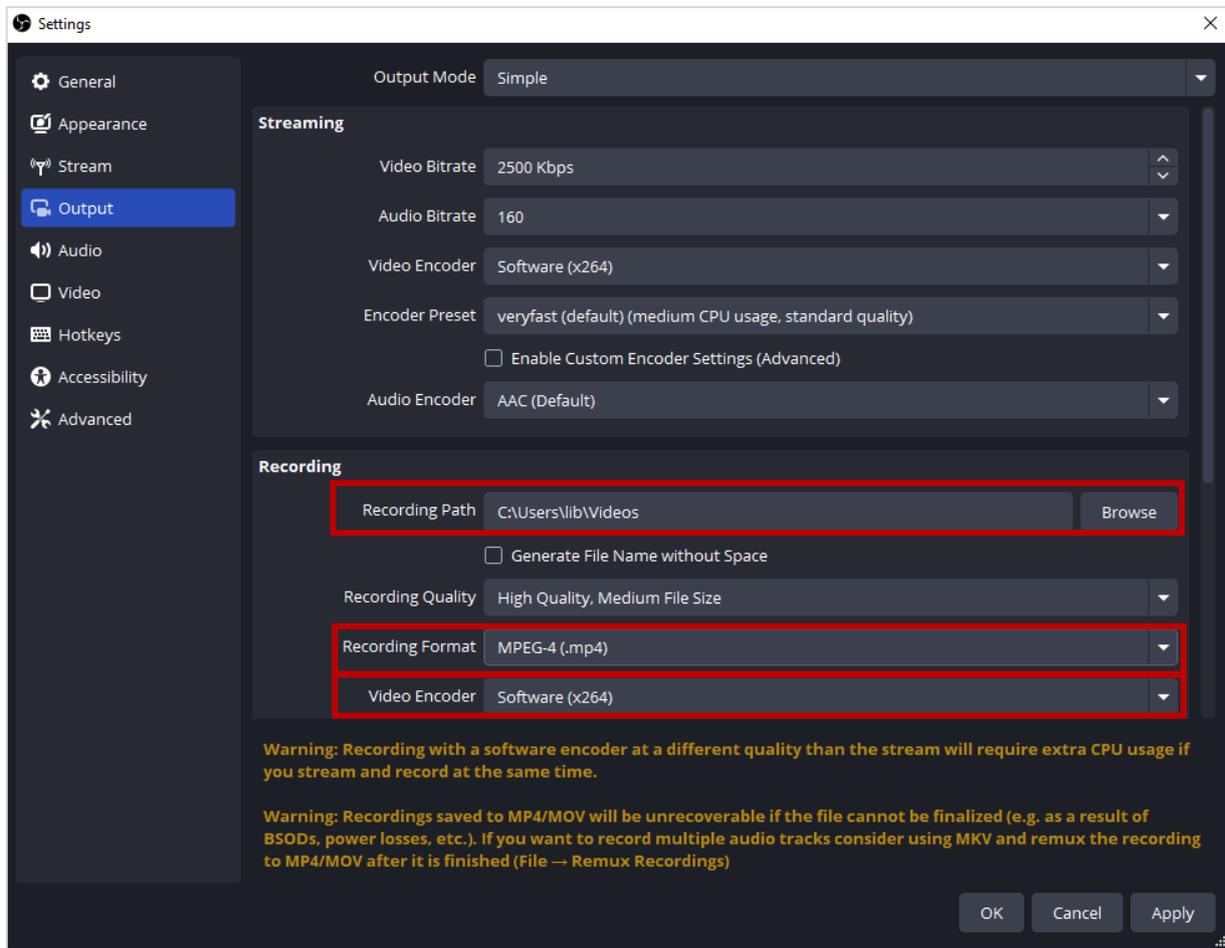
Step 4: Click File->Settings (the following instructions are basic settings)



Step 5. Select your preferred language

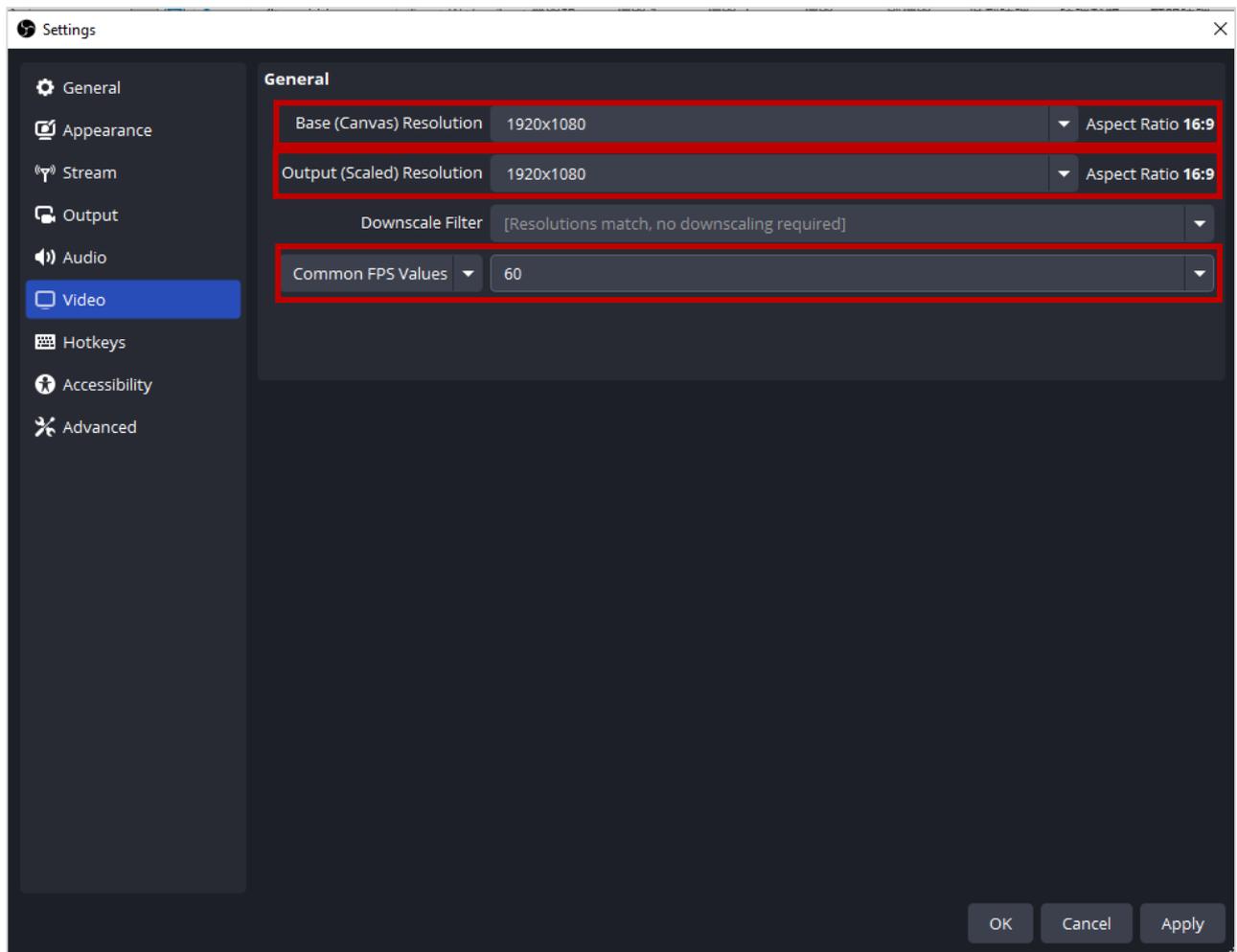


Step 6. Select output: Recording path (Select the folder on your computer where you would like to save the recording file), recording format (select mp4), encoder (x264 is recommended)



Step 7. Select video, set up OBS Video Setting for Recording: Base (Canvas) Resolution: 1920×1080, Output (Scaled) Resolution: 1920×1080, Common FPS Values: 60.

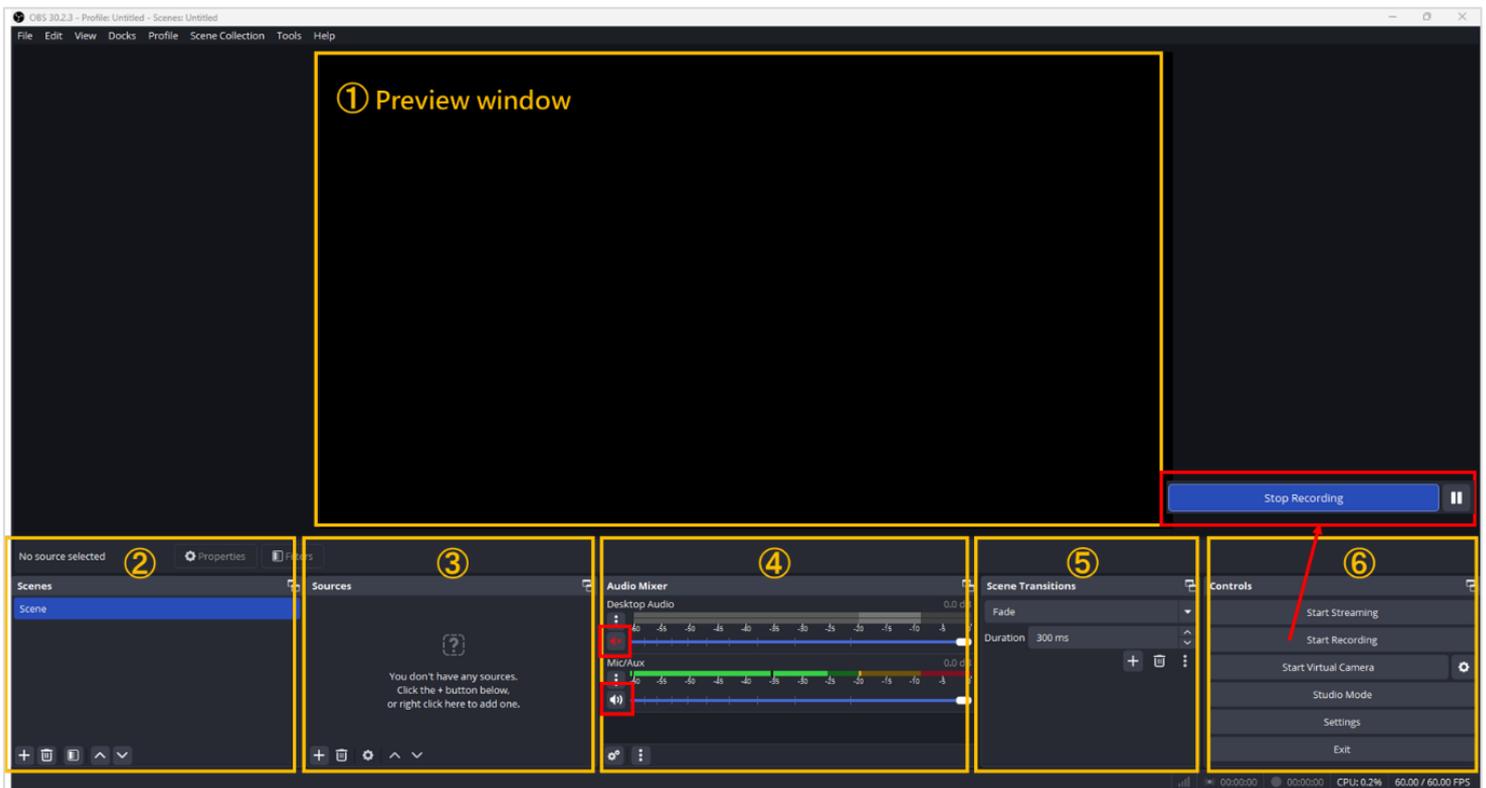
Click Apply->Click OK



How to record in OBS Studio

Step 1. Overview of the main interface

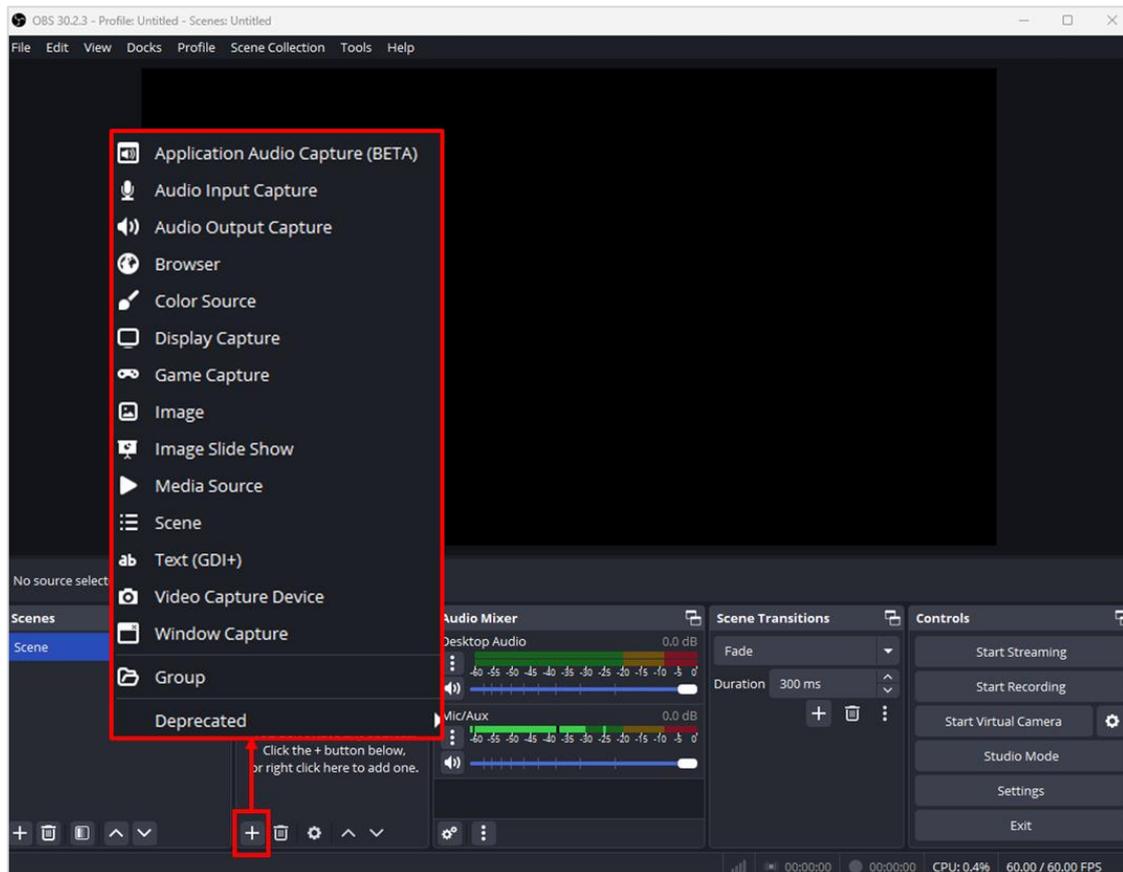
- (1) Preview window: Displays the result of the scene setup.
- (2) Scene: Combines sources to create a scene, which is the visual output during recording. Multiple scene setups can be saved.
- (3) Source: Various elements that make up a scene; one scene can have multiple sources.
- (4) Audio Mixer: Manages sound sources during recording, allowing you to turn sound sources on or off and adjust volume levels.
- (5) Transition Effects: Effects used when switching between multiple scenes; this is an advanced feature and will not be covered in this manual.
- (6) Controls: Primarily used for "Start Recording" / "Stop Recording".



Step 2. Adding Sources to a Scene

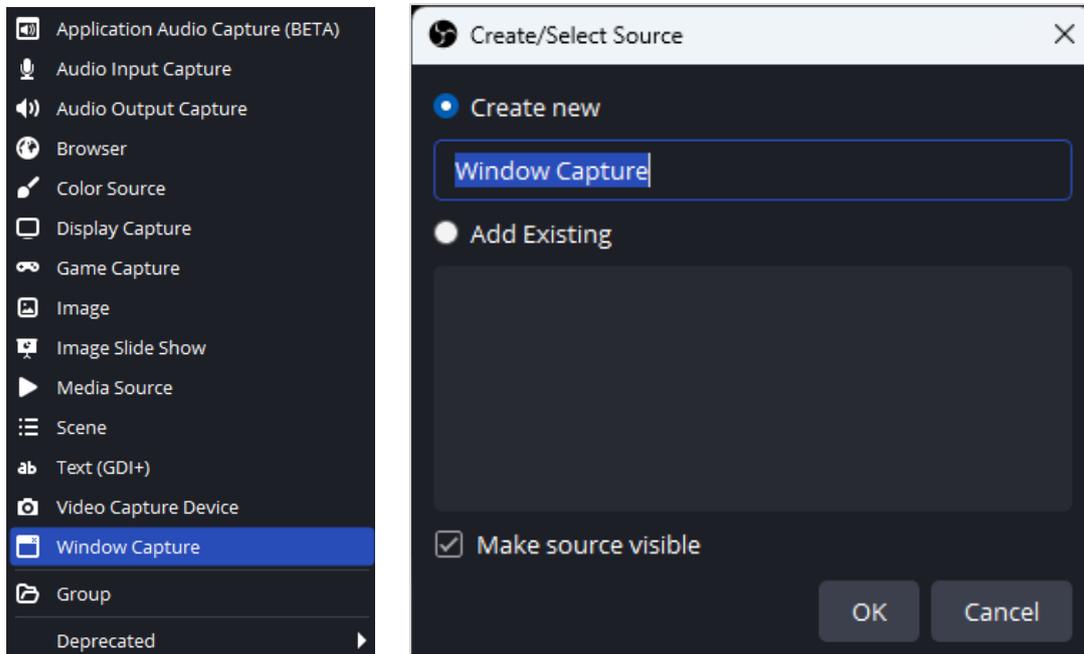
When you start OBS Studio, the scene is blank by default. You can click the “+” button to add various sources. Commonly used options include:

- Window Capture
- Display Capture (recommended if you have multiple monitors)
- Browser
- Video Capture Device



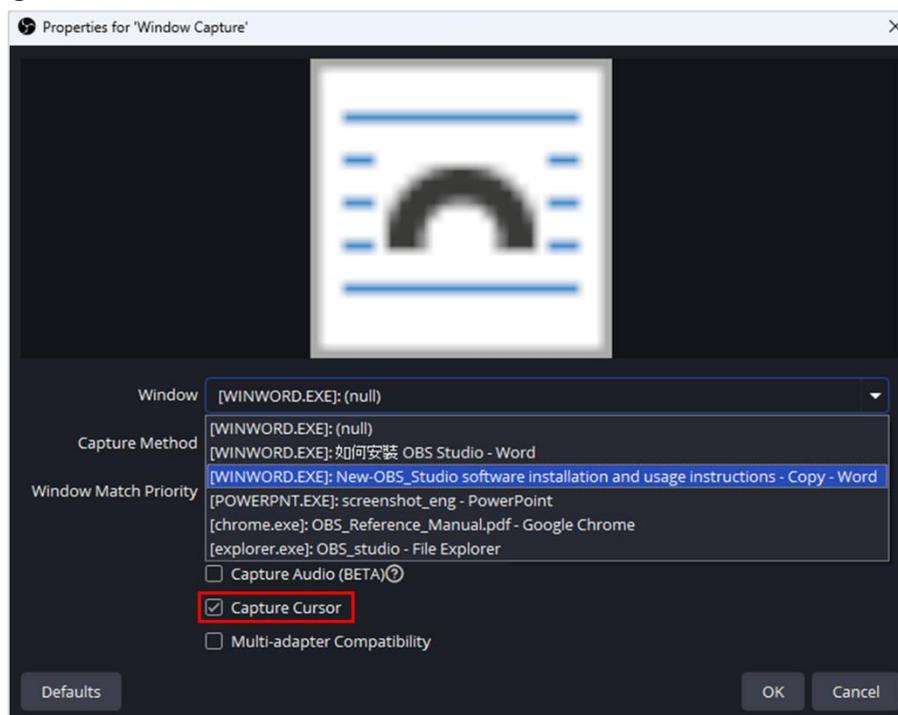
2.1. Window Capture

Capture the screen from a specific window, application, or program. When capturing multiple window sources, you can name them for easier identification.



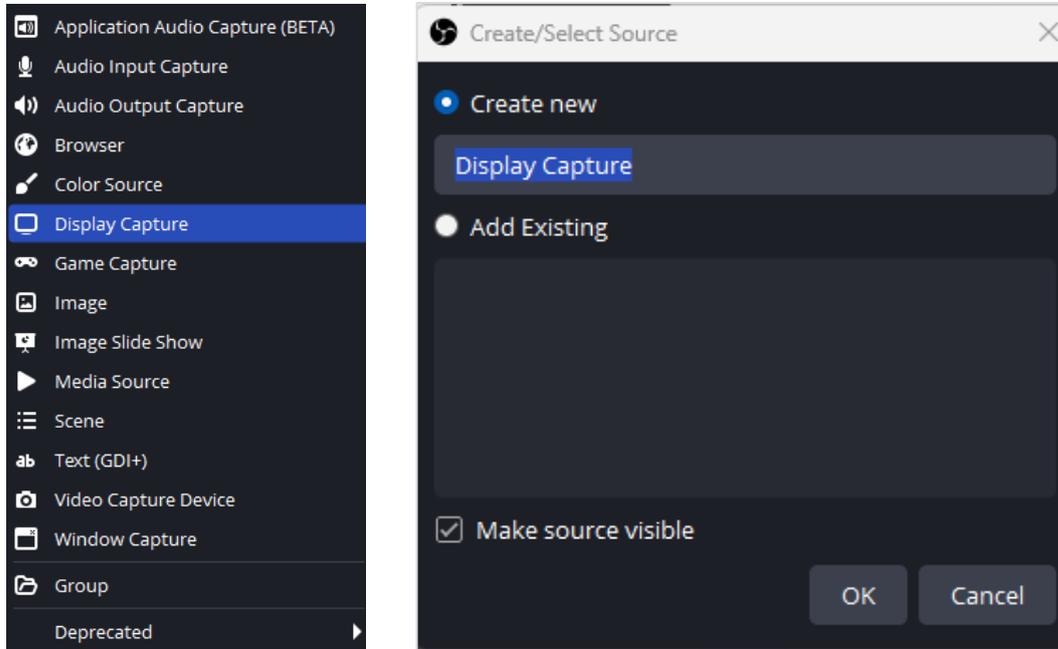
You can select from the currently open windows as sources.

Check the "Capture Cursor" option to display the mouse cursor position during recording.

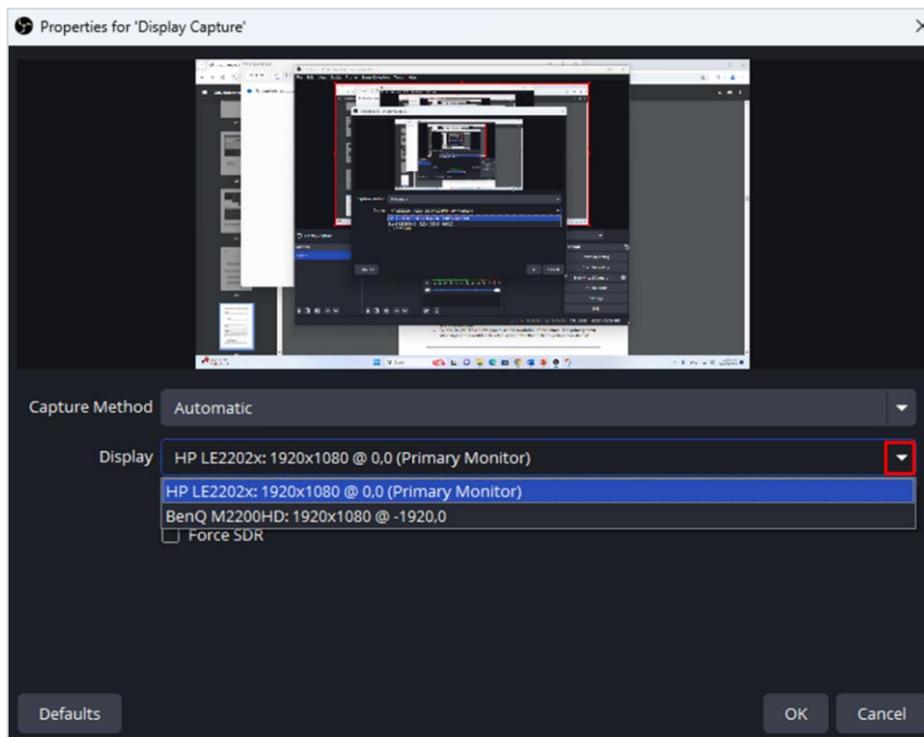


2.2. Display Capture

Capture the entire screen of a monitor. When capturing multiple display sources, you can name them for easier identification. If you have multiple monitors, this option is recommended as it allows for flexible arrangement and integration of various windows during recording.

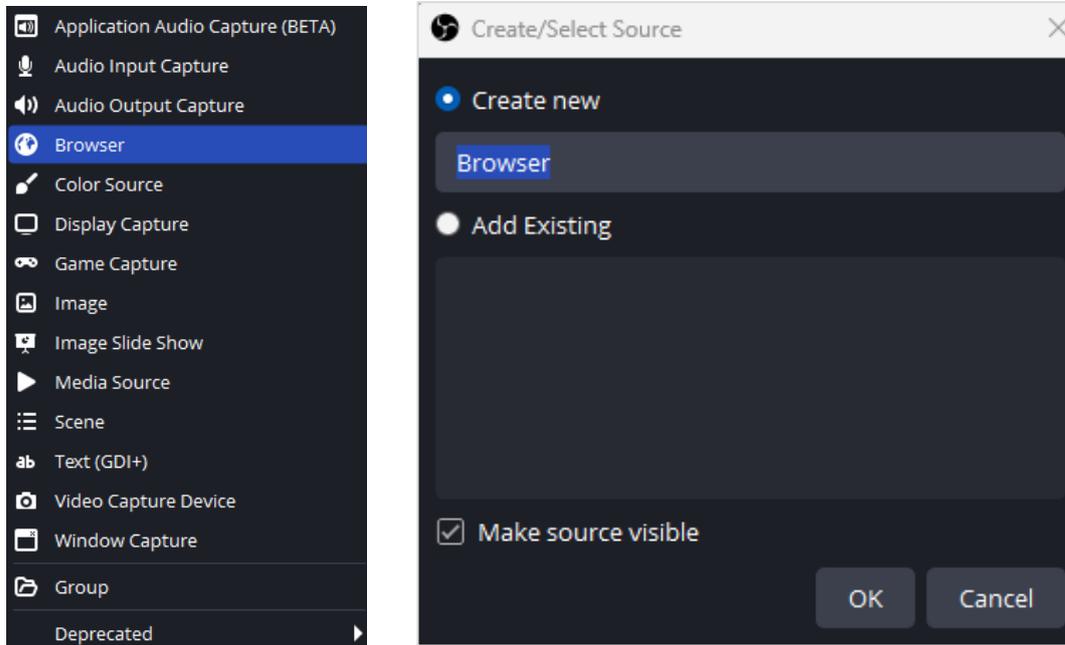


Set the capture method to "Automatic" and select the display you want to use as the source.



2.3. Browser Capture

Capture content from a specific URL. It's not necessary for the webpage to be open already. When capturing multiple URL sources, you can name them for easier distinction.

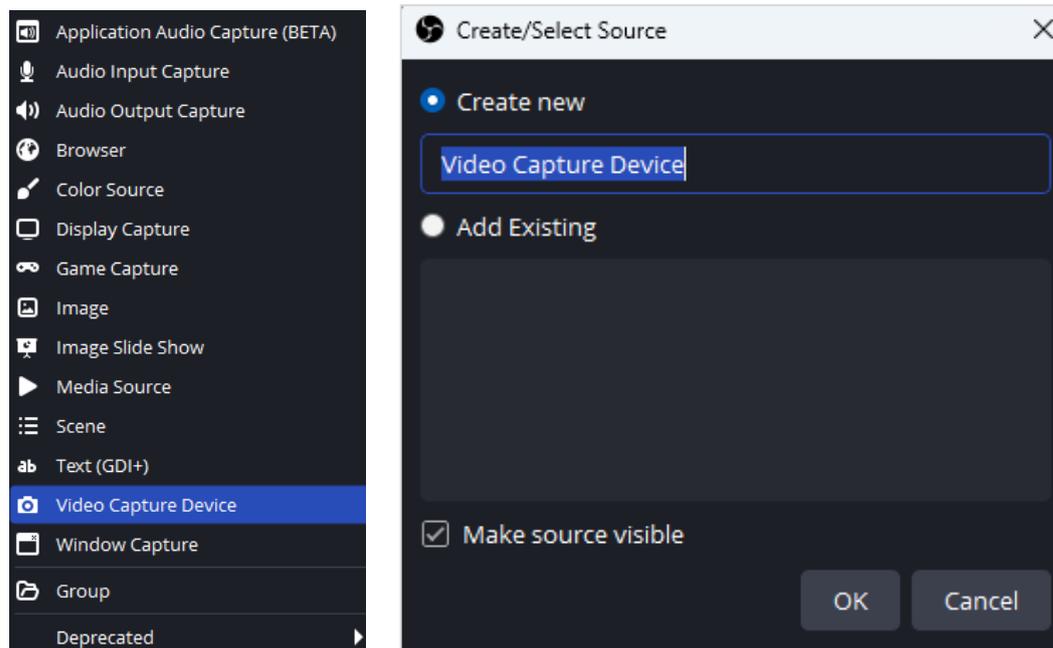


Enter the URL you want to display, and set the "Width" and "Height" for the capture. You can still adjust the dimensions within the scene as needed.

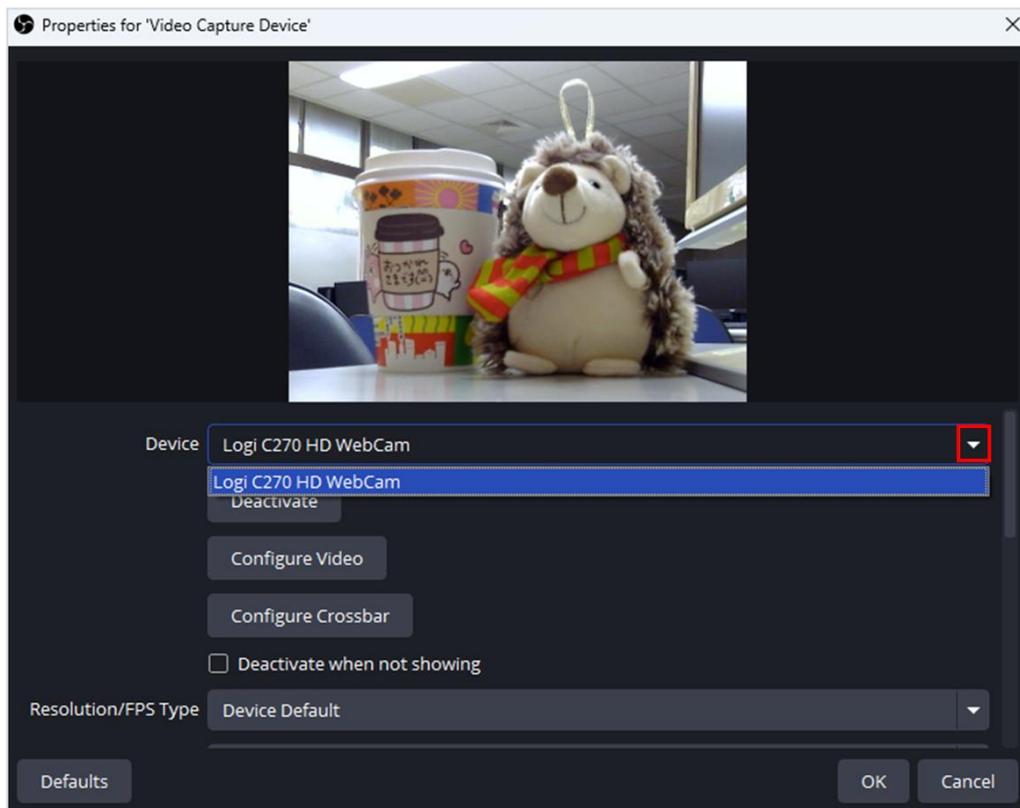


2.4. Video Capture Device

Capture video from cameras or other video devices.



Select the appropriate video device.



This source is typically used for recording tutorial or demonstration videos where the presenter needs to be visible.

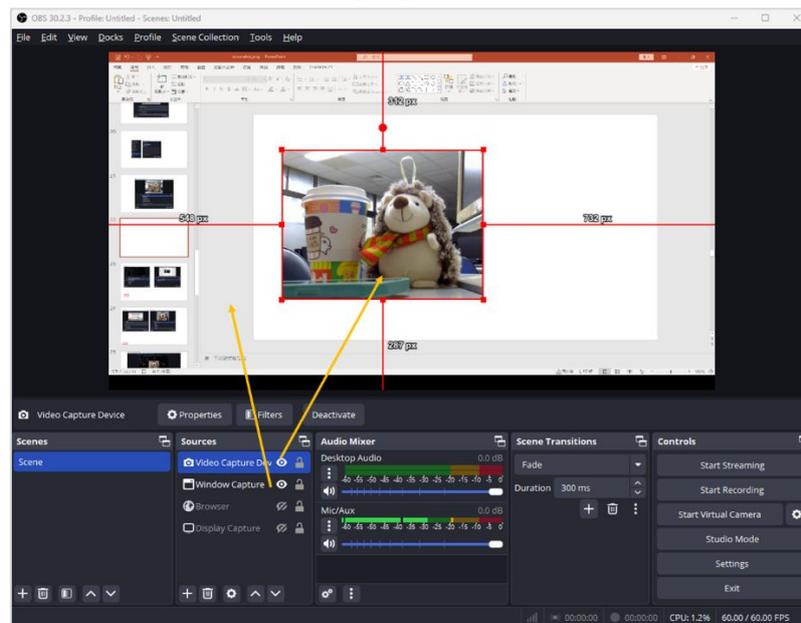
3. Scene Arrangement

3.1. Order

When there are multiple sources, the sources higher up in the list will cover those below them.

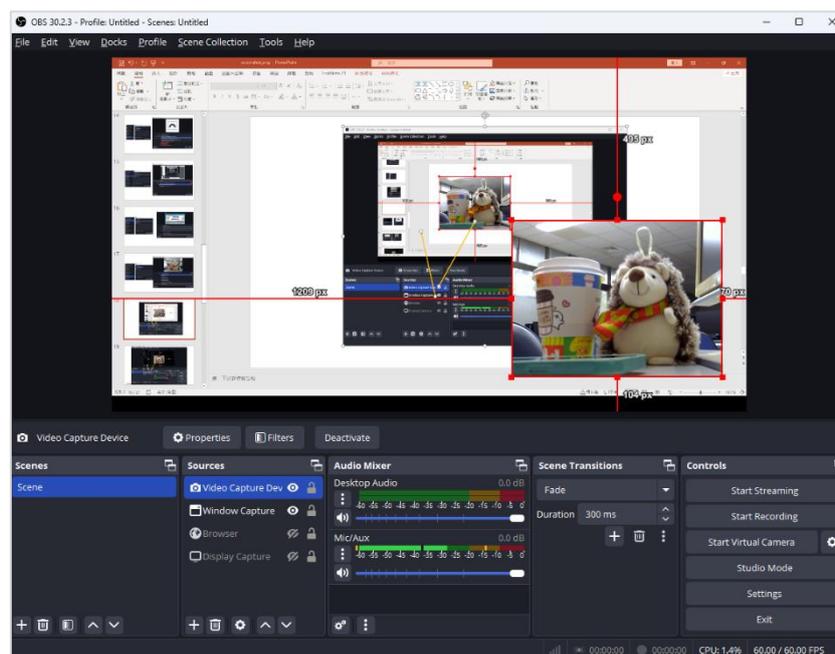
3.2. Selection

When a source is selected, it will be highlighted with a red border.



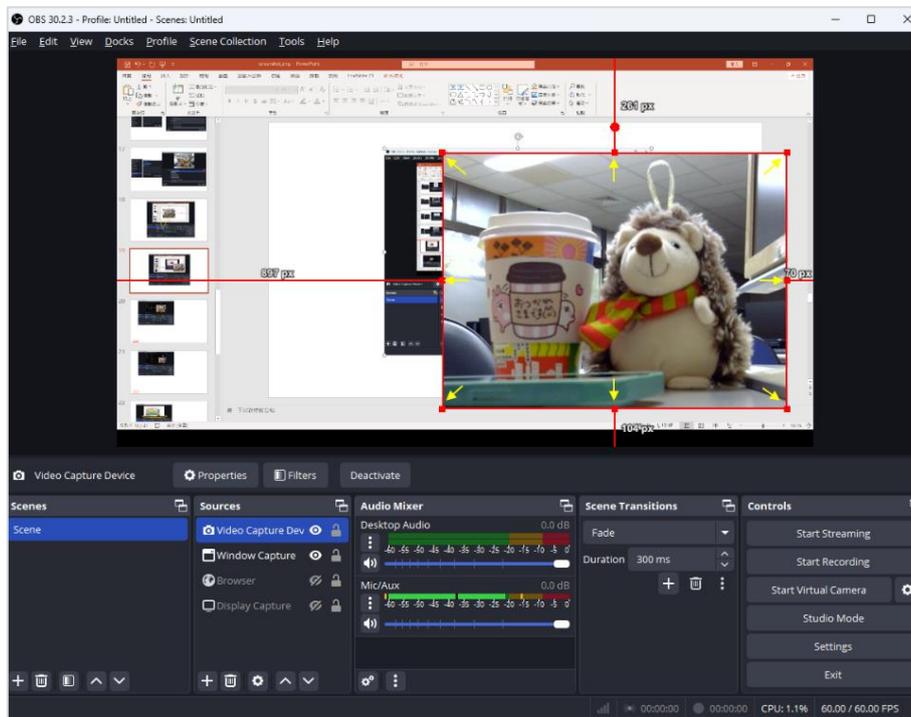
3.3. Move

Click and hold the left mouse button within the red border to drag and move the source position.



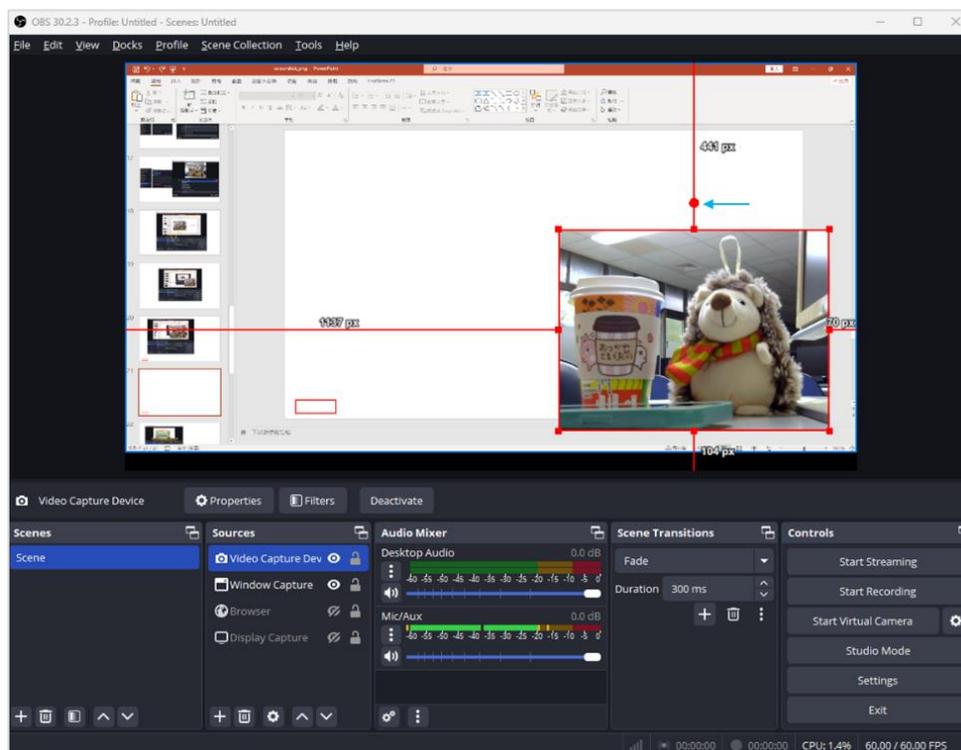
3.4. Adjusting Source Size

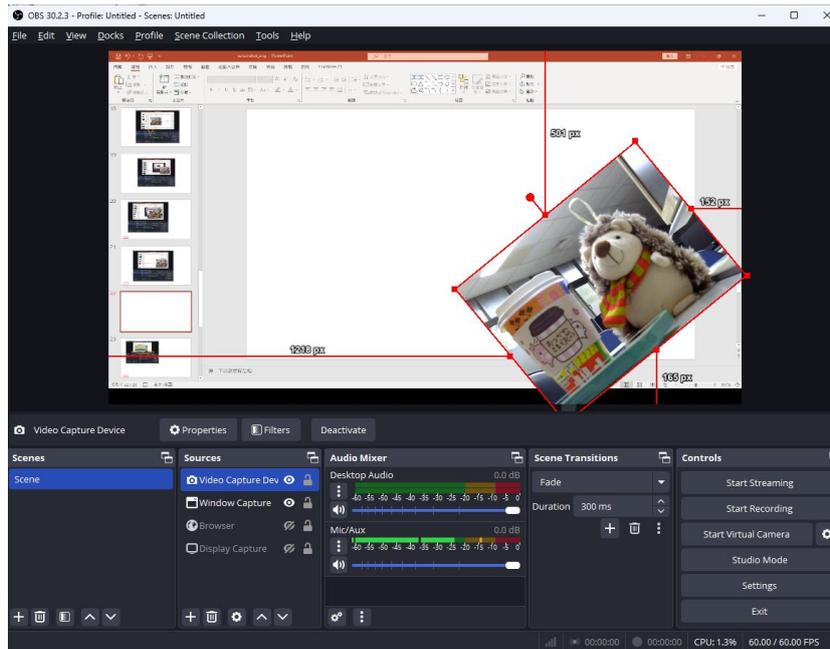
Click and hold one of the eight small squares on the edges of the red border, then drag to resize the source as it appears in the scene.



3.5. Rotate

Click and hold the circular handle, then move it to rotate the source.

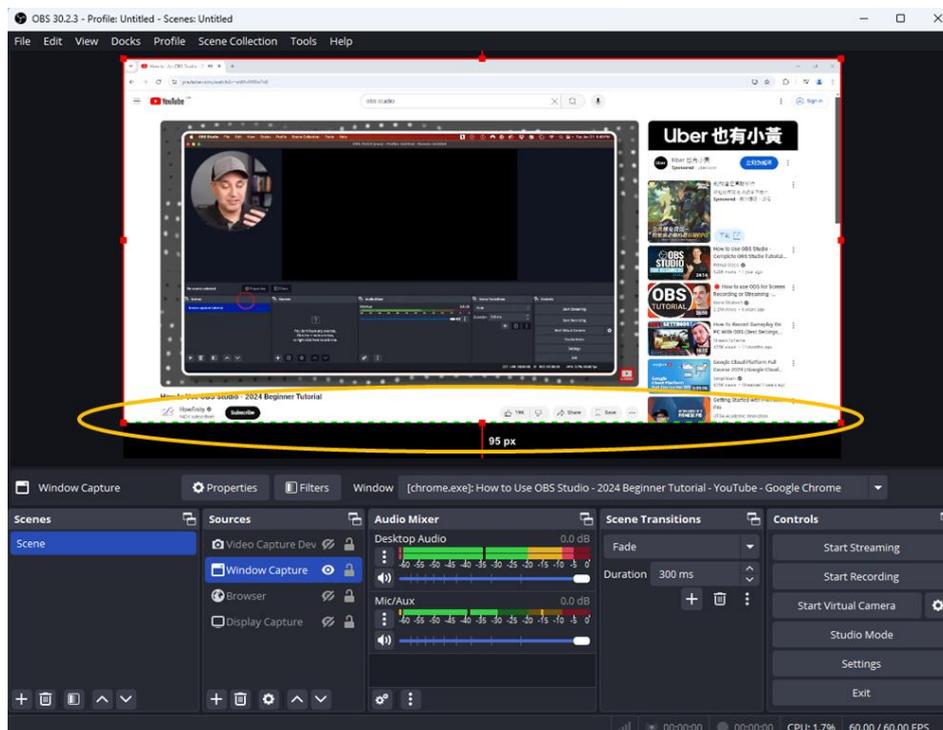




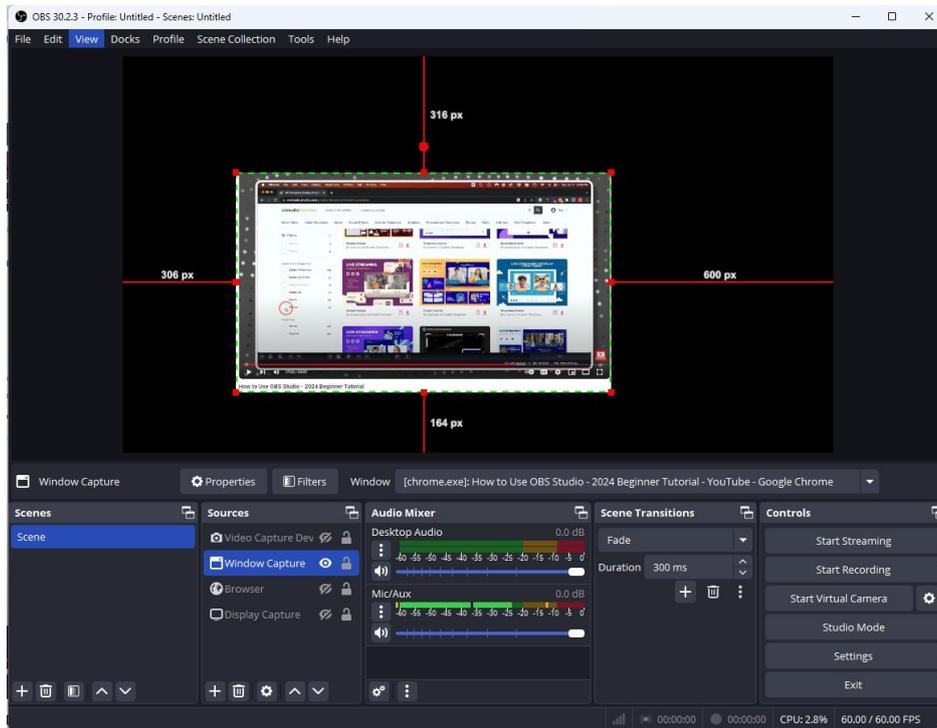
3.6. Adjusting the Capture Area

When using Display or Window Capture, if you want to exclude unwanted parts of the screen (e.g., the Windows taskbar at the bottom or the address bar at the top of a browser), hold down ALT + left-click on one of the eight small squares in the red border and drag to adjust the capture area.

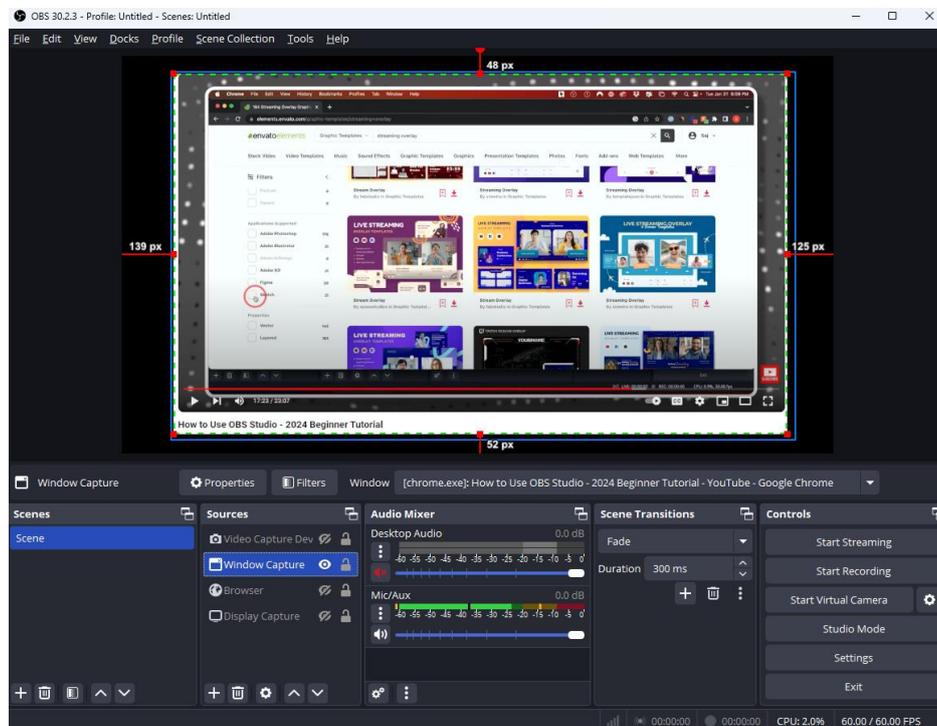
Sources with adjusted capture areas will show green dashed lines along the edges.



After removing parts of the screen outside the video, the edges will display green dashed lines.

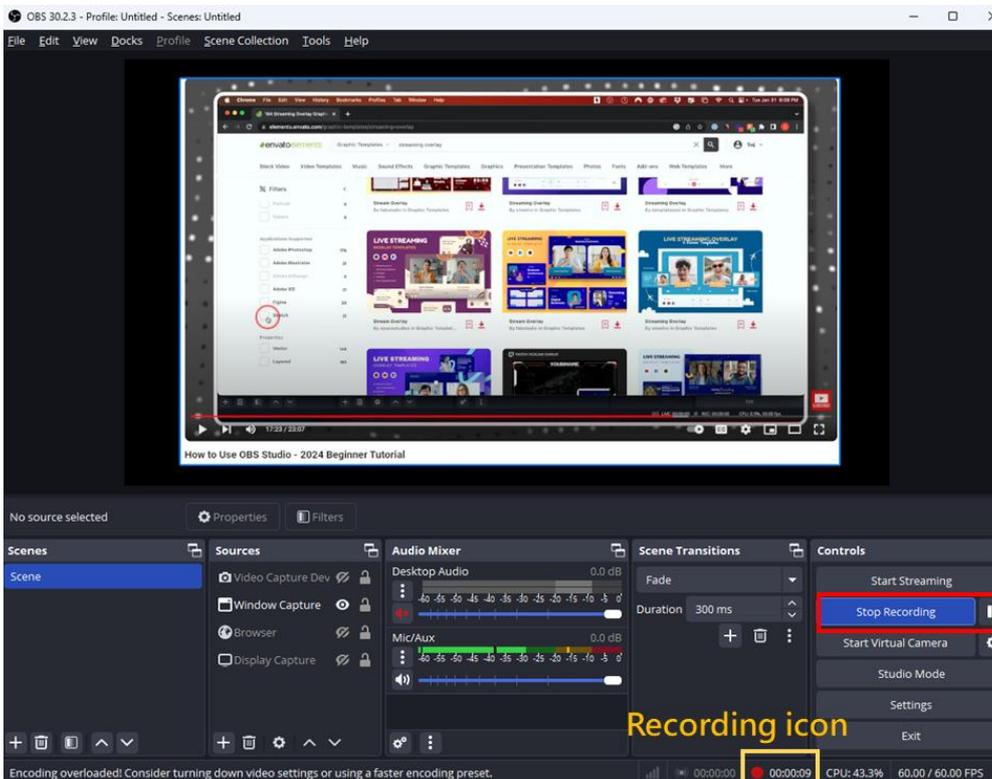
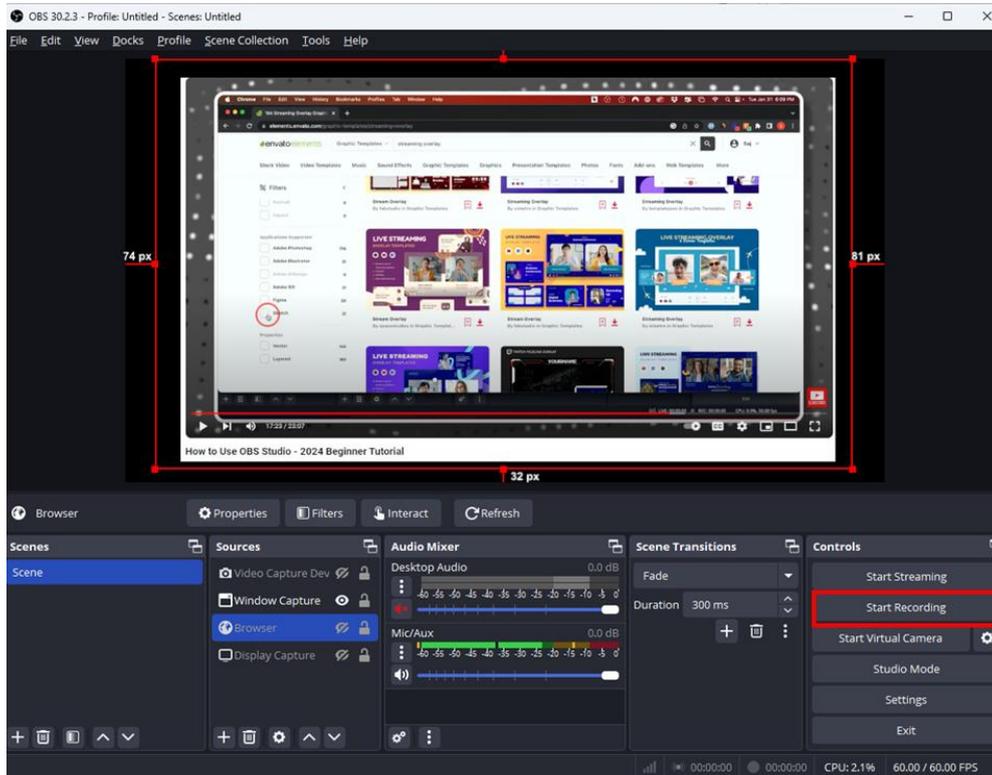


You can further use "Move" and "Adjust Source Size" to position the source in an appropriate location within the scene.

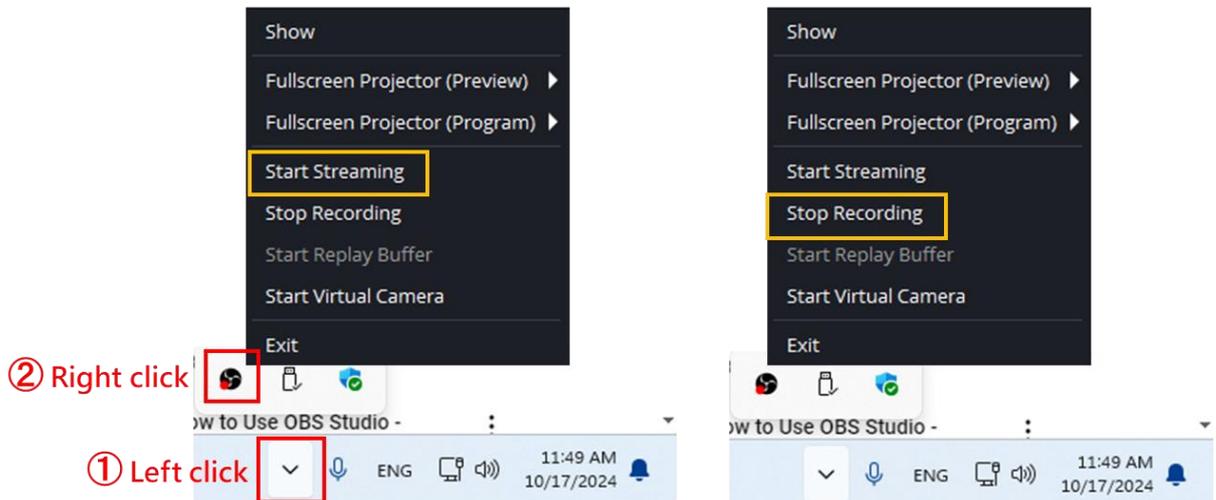


4. Start Recording / Stop Recording

Once your scenes and audio settings are configured, you can begin recording.



After setting up the scene, you can minimize OBS Studio and find the OBS icon in the system tray at the bottom right. This allows you to perform "Start Recording" and "Stop Recording" conveniently, especially when using a single monitor. It helps avoid capturing the action of minimizing OBS after starting the recording.



5. Unable to Find Recorded Videos

Go to File -> Show Recordings to directly open the folder where your recorded videos are saved.

