

# **OBS Plugin For PTZ Cameras**

— User Manual —

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# Overview

With AVer OBS Plugin for PTZ Cameras, operating PTZ control is instinctive and easy. Preset points and tracking control make video conferencing and streaming smooth and effortless.

## System Requirements

- Windows:
  - Windows 8, 8.1, 10
  - OBS Studio 26 or later.
  - DirectX 10.1 compatible GPU
  
- macOS:
  - macOS High Sierra 10.13 or later
  - OBS Studio 27 or later
  - Intel CPU
  - OpenGL 3.3 compatible GPU

# Supported AVer Cameras

## Professional Tracking Cameras

- Single Lens

V3	V2		V1	
	USA	Outside USA	USA	Outside USA
TR211	TR311HVV2	PTC310HVV2	TR310	N/A
TR315	TR313V2	PTC310UV2	TR311	PTC310
TR315N	TR333V2	PTC330UV2	TR311HN	PTC310N
TR335	TR323V2	PTC320UV2	TR313	PTC310U
TR335N	TR323NV2	PTC320UNV2	TR331	PTC330
			TR333	PTC330U

- Dual Lenses

V2	V1	
	USA	Outside USA
TR535	TR530+	PTC500+
TR535N	TR320+	PTC115+
TR525		
TR525N		

## Professional PTZ Cameras (Do not support human tracking.)

V2	V1
PTZ330UV2	PTZ330
PTZ330UNV2	PTZ330N
PTZ310UV2	PTZ330W
PTZ310UNV2	PTZ310
PTZ231	PTZ310N
PTZ211	PTZ310W

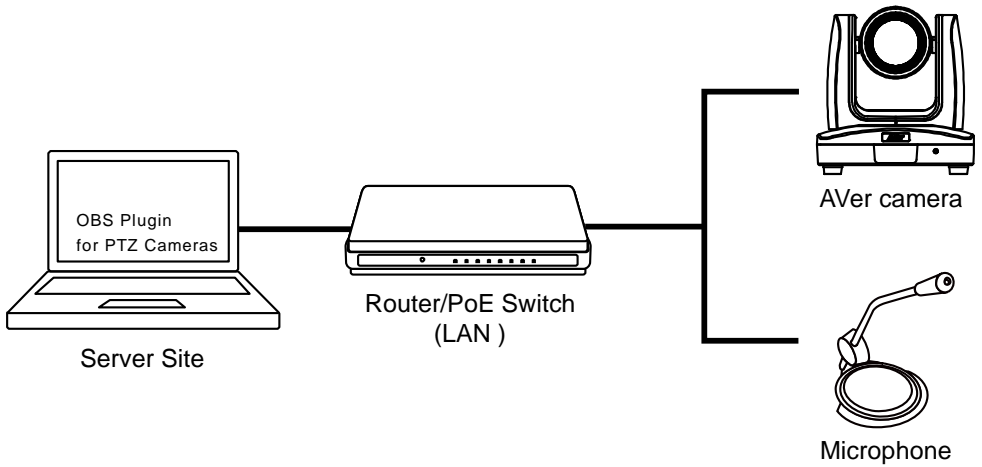
## Medical PTZ Cameras

MD330U  
MD330UI

## Distance Learning Cameras

DL30  
DL10

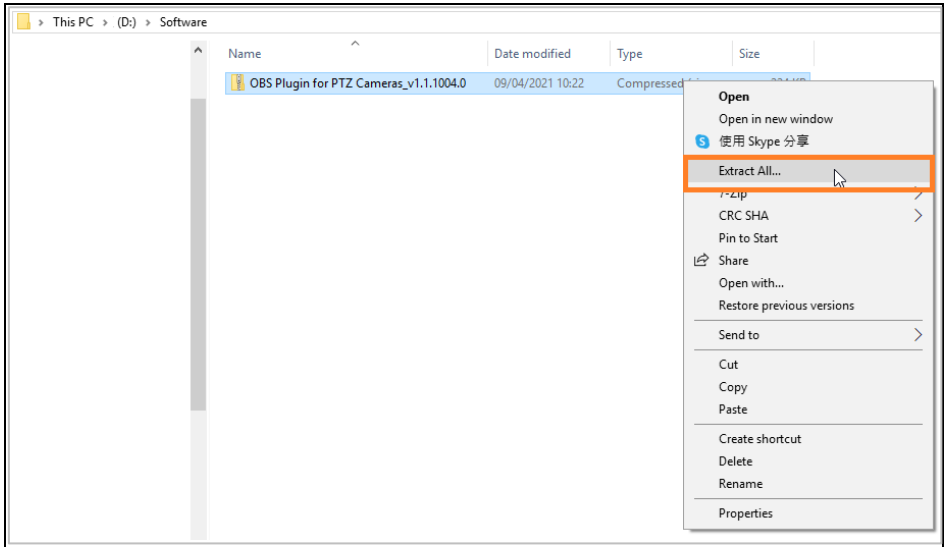
## Connections



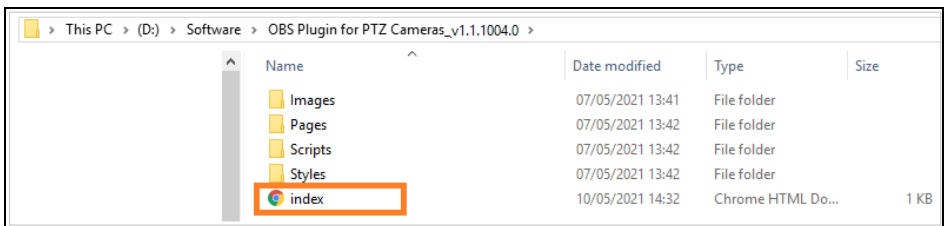
- Make sure all devices are connected and powered on.
- Your computer and devices must be on the same LAN or support both TCP 80 and RTSP 554.

# Install OBS Plugin

1. Download OBS Plugin to your computer from AVer Download Center.  
(<https://www.aver.com/download-center>).
2. Unzip the downloaded zipped file.

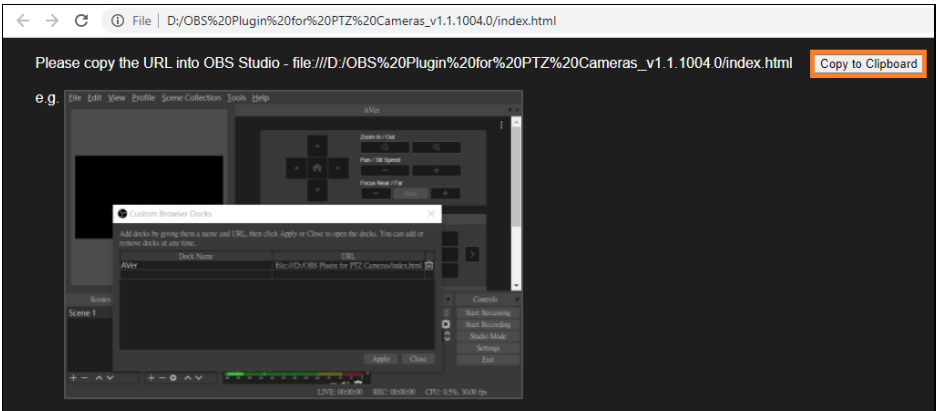


3. Find and double-click the **index** html file.

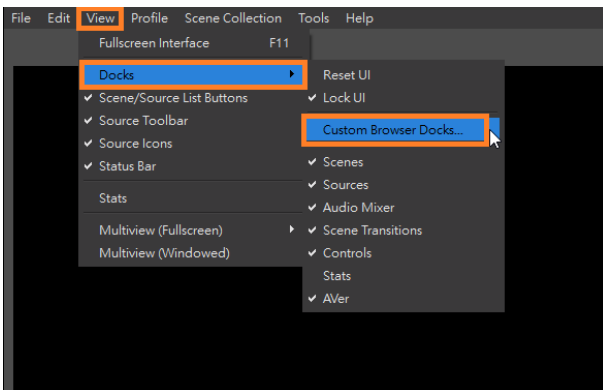




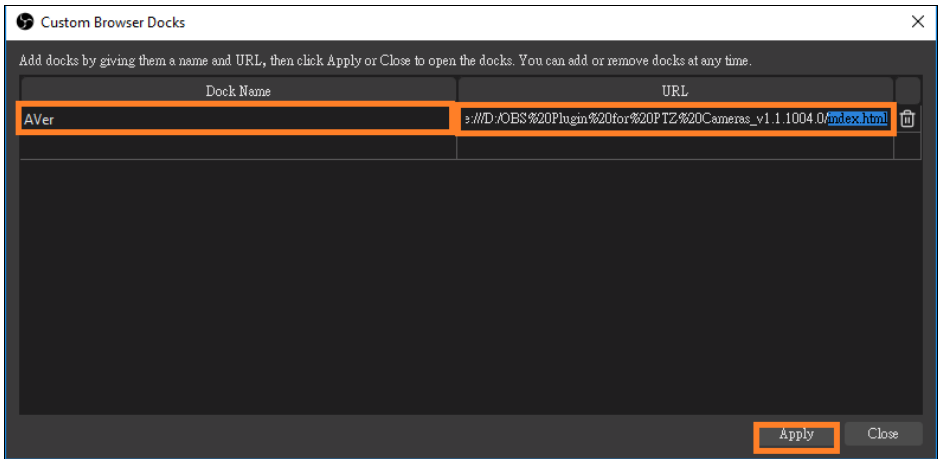
4. A pop-up window will appear. Click **Copy to Clipboard** to copy the URL, then click **OK**.



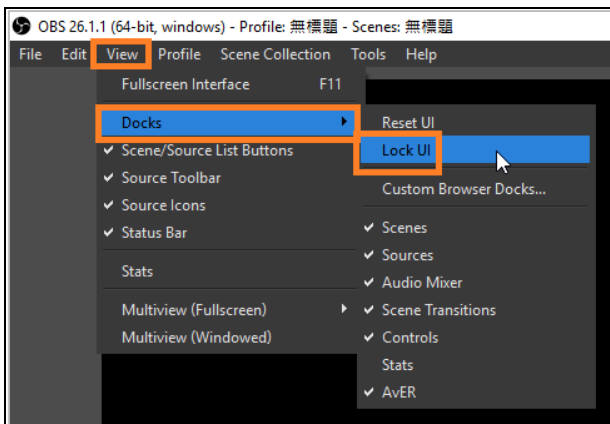
5. Open OBS Studio.
6. Go to **View > Docks**, then click **Custom Browser Docks**.



7. Name the dock and paste the URL. Click **Apply**.



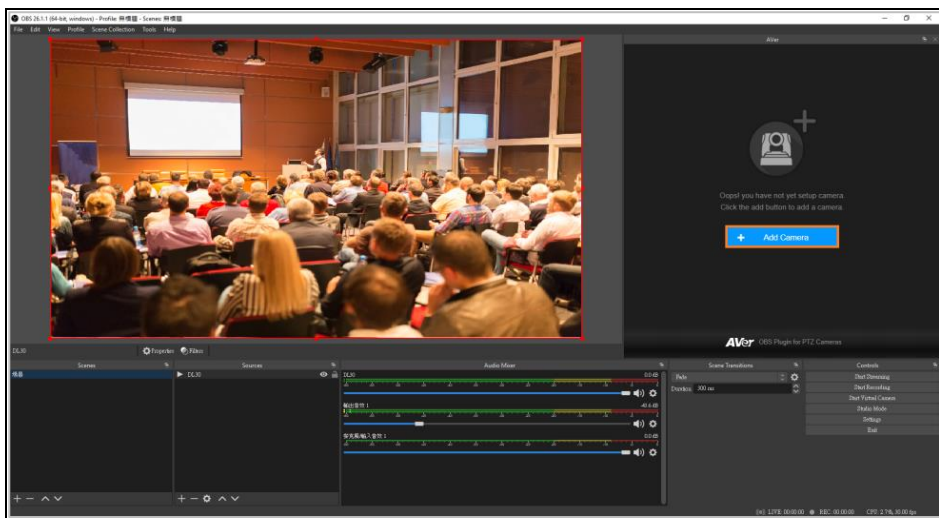
8. Opt-in or opt-out of providing anonymous usage data.  
To change it, go to **Information > Privacy Policy > Usage Data**.
9. To merge the pop-up window to OBS Studio, go to **View > Docks**, then deselect **Lock UI**.



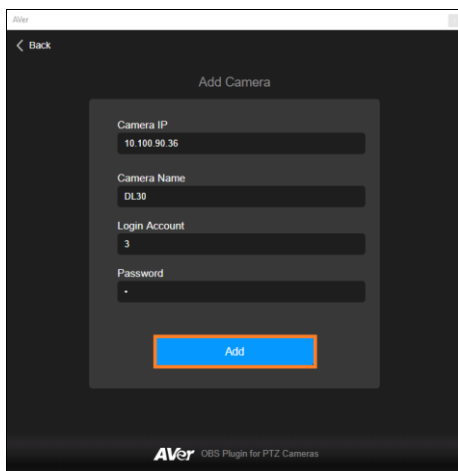
10. Resize and move the OSB Plugin window as needed.

# Connect Your Camera

1. Click **Add Camera**.

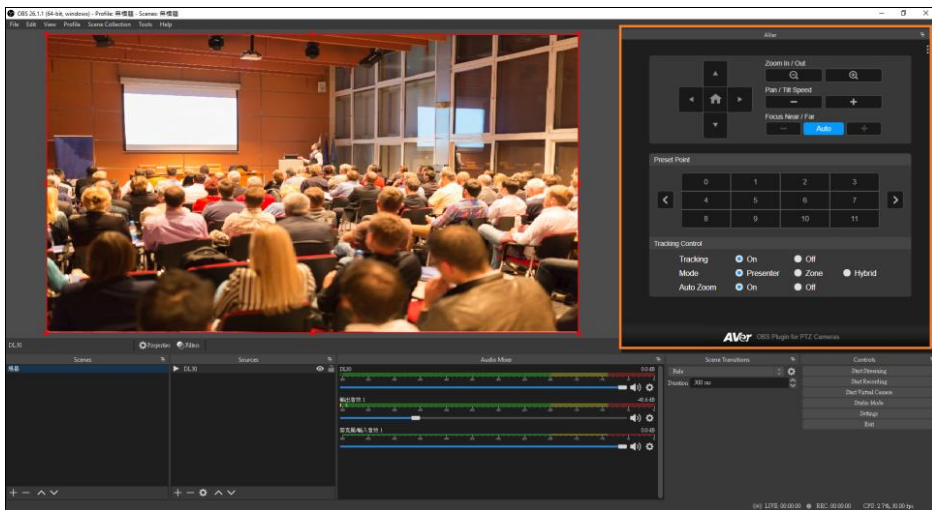


2. Enter camera information and click **Add**.



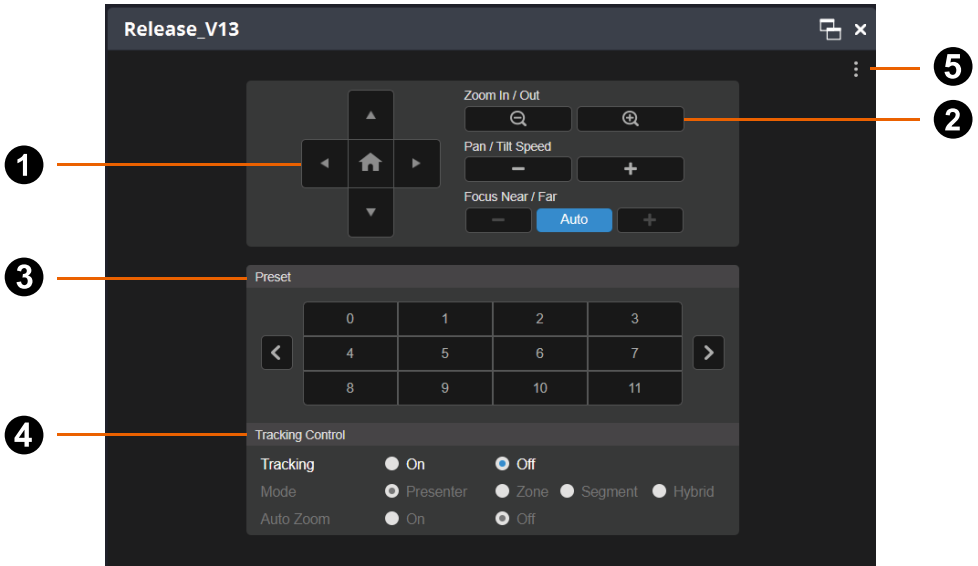
**Note:** OBS Studio live view and OBS Plugin live view are independent. The camera you add to OBS Plugin does not need to be the same camera whose RTSP address you entered under **Media Source** in OBS Studio.

3. The camera control panel will appear.



4. To add more cameras, click the **More options** icon  on the upper-right corner of the control panel, and click **More Cameras**.

# Control Panel



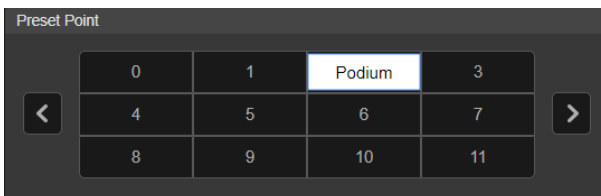
## 1. Navigation/Home Buttons

Click the **Home** button to reset the pan-tilt position to the center.

## 2. Pan-Tilt Speed, Zoom and Focus Controls

## 3. Preset

- **Load a preset:** Click a preset number to load a preset. Make sure you have defined the required presets on the camera web interface.
- **Rename a preset:** Double click a preset to rename it.



#### 4. Tracking Control

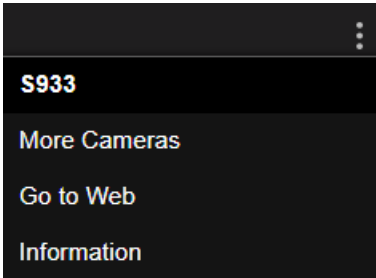
- **Tracking:** Turn tracking on or off.
- **Mode:** Select a tracking mode to follow the presenter in real time as they move. Make sure you have configured tracking modes on the camera web interface.

**Note:** Tracking modes may vary depending on your AVer camera model.

Mode	Description
Presenter	Frames and follows presenter on screen.
Zone	Frames the presenter in real time as they move using up to four presets.  When the presenter exits the previous preset, the camera will follow and move to the next preset.
Segment	Lets you define a detection area for each preset. When the presenter enters the detection area, the camera will move to the corresponding preset.  The detection area and preset do not need to overlap, which makes it suitable for presenting information, such as on the blackboard or slides.
Hybrid	Combines Presenter Mode and Segment Mode, and lets you define a detection area for each preset.  When the presenter enters the detection area, the camera will move to the corresponding preset. When the presenter leaves the detection area, the camera will frame and follow the presenter using Presenter Mode.

- **Auto Zoom:** Auto Zoom is only available in Presenter Mode and Hybrid Mode. When turned off, the zoom ratio will be based on your selected preset on the camera web interface. To select a preset from the **Auto Zoom** drop-down list, go to **Tracking Settings > Presenter** or **Hybrid** on the camera web interface.

## 5. More Options




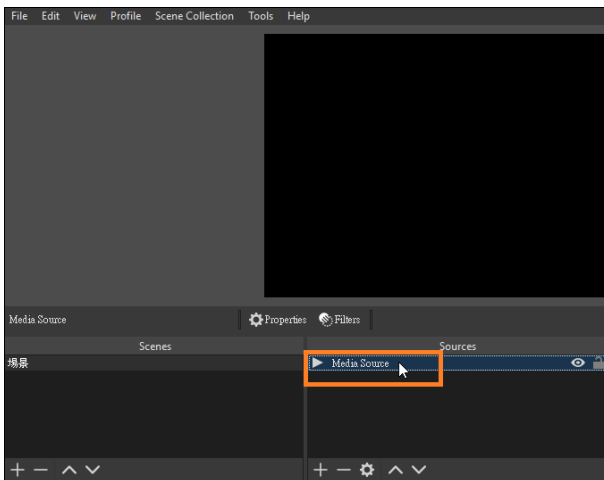
Item	Description
More Cameras	<ul style="list-style-type: none"><li>● Check camera status: Select a camera from the drop-down list to see connection status.</li><li>● Delete a camera: Select a camera from the drop-down list and click the <b>trashcan</b> icon.</li><li>● Edit camera information: Select a camera from the drop-down list and click <b>Edit</b>.</li><li>● Add a camera: Click <b>Add</b>. Added cameras will appear in the drop-down list.</li></ul>
Go to Web	Access the camera web interface.
Information	View OBS Plugin software version, privacy policy and intellectual property information.

# OBS Studio

- Download OBS Studio: <https://obsproject.com/download>.
- OBS Studio system requirements: <https://obsproject.com/wiki/System-Requirements>.

## Live View

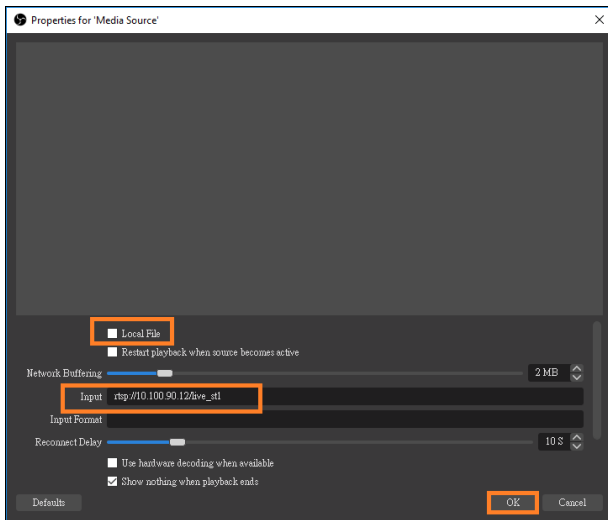
1. Install **OBS Studio** on your computer.
2. Double-click on **OBS Studio** icon  to launch it.
3. To see the live view of a camera: double-click **Media Source** on the OBS user interface.



**[Note]:** When adding a camera, make sure its video mode is switched to **Stream Only** or **USB+Streaming**.



4. Uncheck **Local File**. In **Input** field, enter “**rtsp://IP Address of the camera/live\_st1.**” For instance: **rtsp://10.100.90.12/live\_st1.** Click **OK**.



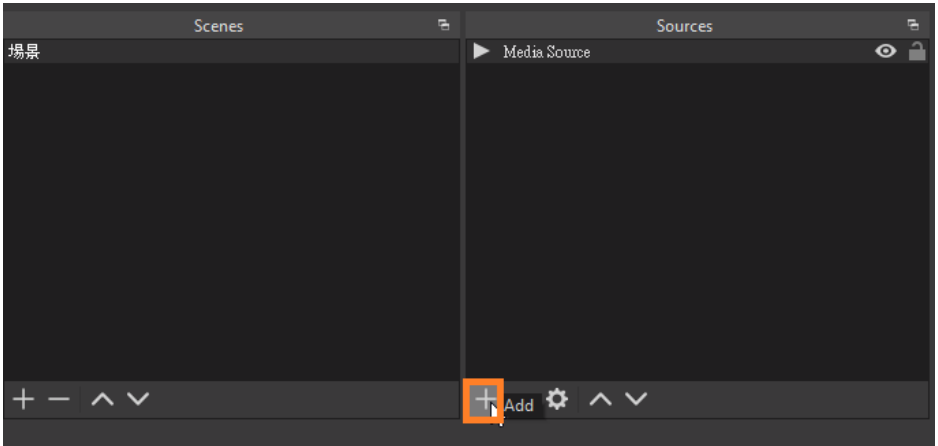
**[Note]:** Make sure both the PC and the camera are on the network and support RTSP.

5. You will see the live view of the camera.

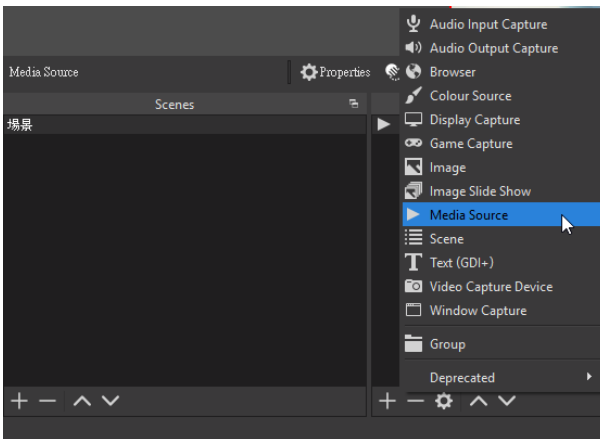


# Live View of Multiple Cameras

1. You can add another camera and see the live view of multiple cameras at once. Click on the plus sign at the bottom of the OBS user interface.

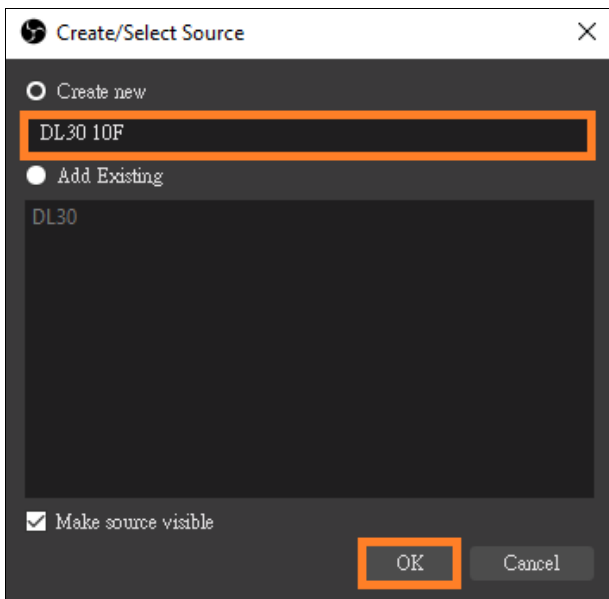


2. Select **Media Source**.

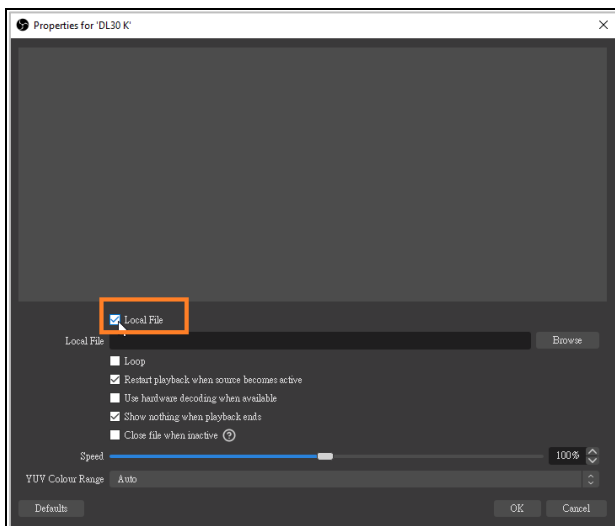


**[Note]:** When adding a camera, make sure its video mode is switched to **Stream Only** or **USB+Streaming**.

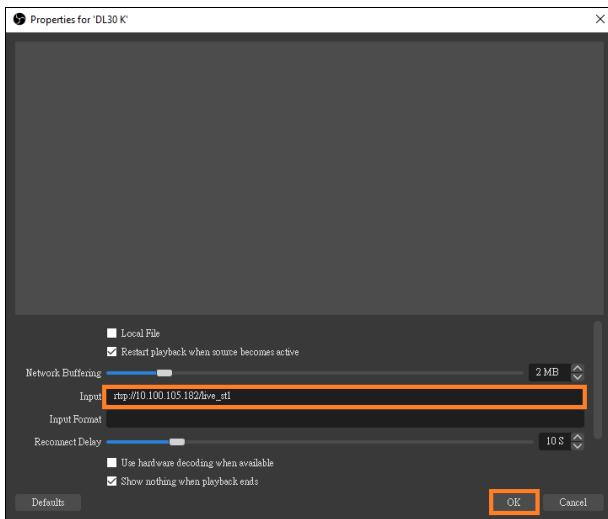
3. In the **Create New** field on the pop-up window, name the camera source you are adding. Select **OK**.



4. On the pop-up window, uncheck **Local File**.



5. In **Input** field, enter “**rtsp://IP Address of the camera/live\_st1.**” For instance: **rtsp://10.100.105.182/live\_st1.** Click **OK.**



6. You will see the live view of multiple cameras. You can resize the live view windows by dragging the red rectangles.

