

EOS WEBCAM UTILITY PRO

User Guide

With so many of us relying on livestreaming and video calls on a day-to-day basis to stay connected with friends, visiting clients, getting an education, and so much more, the quality of that connection is key. We are proud to announce the release of the Pro version of our EOS Webcam Utility software for Windows, which lets you turn your compatible Canon EOS camera into your main webcam using only a USB cable. With the new Pro version, you can download and use the software free. You are able to use the basic function to connect a single camera to your computer and have a professional quality look on your livestreaming and video calls. By subscribing as a Pro user, you will unlock and get access to all of the Pro features. For detail, please refer to our EOS Webcam Utility Pro website.

INSTALLATION & SETUP

HOW TO DOWNLOAD:

1. Open your web browser and go to our EOS Webcam Utility Pro website.
2. Select your camera model from the list displayed. You will be redirected to the download page.
3. Select and download "EOS Webcam Utility Pro" under the software section.

HOW TO INSTALL:

1. Once the download is complete, locate the "EOSWebcamUtilityPro-WIN2.X.zip" in your computer's "Downloads" folder.
2. Double-click the .zip file.
3. After opening and extracting the .zip file, open the folder labeled "EOSWebcamUtilityPro-WIN2.X".
4. Read the Readme.txt file then double-click the "Setup.exe" file and run the installer.
5. Follow the installer instruction and install the software.
6. Once complete the installation, it is important to save any documents that you may be working on, close all applications that you have running and then restart your computer.

HOW TO SETUP:

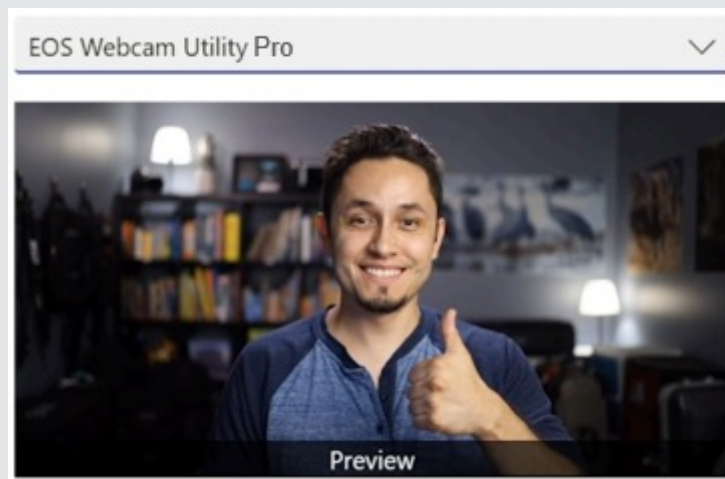
1. Once restarted, using your USB cable, connect one end of the USB cable to your camera, and then connect the other end to your computer. A direct connection to the computer is recommended.



2. Set your camera to [Movie Mode]. Use your camera's Mode Dial, Mode Switch or Mode Button interface.

! Optimal settings are a resolution of [Full-HD] and a frame rate of [29.97P] (30P). If your camera doesn't have a [29.97P] (30P) setting, selecting [23.98P] (24P) will also work

3. Lastly, open your web conferencing/streaming app of choice. Find the [Audio/video settings] menu and set **"EOS Webcam Utility Pro"** as the camera of choice. Confirm that your computer's built-in microphone is selected as your "microphone"



! Audio is not transmitted from the camera



EOS WEBCAM UTILITY PRO

PRO FEATURES

By subscribing, you will unlock all the pro features that will expand your creative possibilities. Here is a feature comparison chart of what functions you can access as a free user versus pro user.

	PRO user (subscribed)	Free user
Default Scene	Yes	Yes
User Custom Scenes	Multiple	No
Multiple Camera Connection	Up to 5 Connection	1 Connection
Wireless Connection	1 Connection	No
Stream to multiple channel	Yes	No
UVC Video Input Support incl. Capture Cards	Yes	No
Camera Setting Control	Control From UI	Manual
Scene Layout Editing	Yes	No
Full HD Support (digital upscale)	Yes	No
60fps Support	Yes	No
Control content by channel	Yes	No
Video Input Layout option to	Yes	No
Fill / Fit screen		
Flip/Rotate/Resize Video Input	Yes	No
Crop Video Input	Yes	No
Water Mark Insertion (JPG, PNG)	Yes	No
Transition Between Scene	Yes	No
Hot Key Setting	Yes	No
Window Capture	Yes	No

FREE FEATURES

EOS Webcam Utility will work as free software and offers you a single Canon camera connection through the Default Scene. Once you complete setup and camera is connected, the video input from the camera will automatically show up in the Default Scene. All of the pro features are locked and can be unlocked by subscribing as a Pro user.

HOW TO SUBSCRIBE

SUBSCRIBE FROM OUR MYCANON WEBSITE

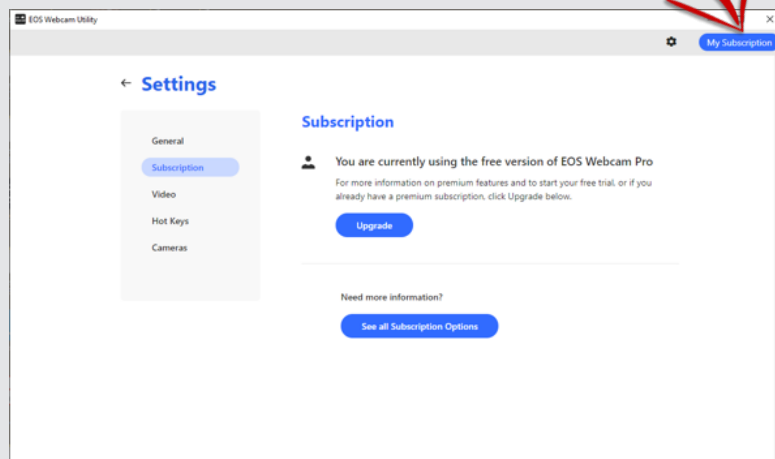
Your subscription for the EOS Webcam Utility Pro is managed by you and you have complete control over your subscription through your MyCanon Account.

1. Open your browser and go to our MyCanon Account.
2. Select "My Subscriptions" from the left menu.
3. Select "EOS Webcam Utility Pro" software from the listed subscriptions.
4. Select either a monthly or annual (best value) subscription.
5. Process payment and you are all set to start using all the features.
6. Open EOS Webcam Utility Pro software to unlock all features from the software. Please proceed to the "How to unlock all features as a subscribed user"

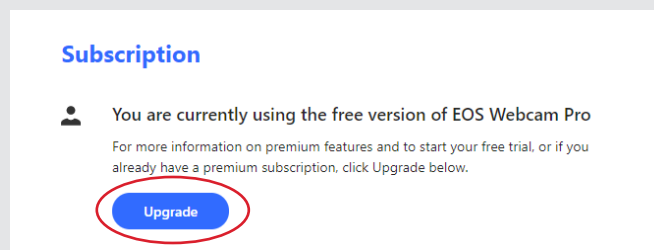
SUBSCRIBE FROM SOFTWARE

Your subscription for the EOS Webcam Utility Pro is managed by you and you have complete control over your subscription through your MyCanon Account.

1. Open EOS Webcam Utility Pro software
2. Click "My Subscription" button on the top right corner of the main window.



3. Click "Upgrade" button in the Subscription page of the settings



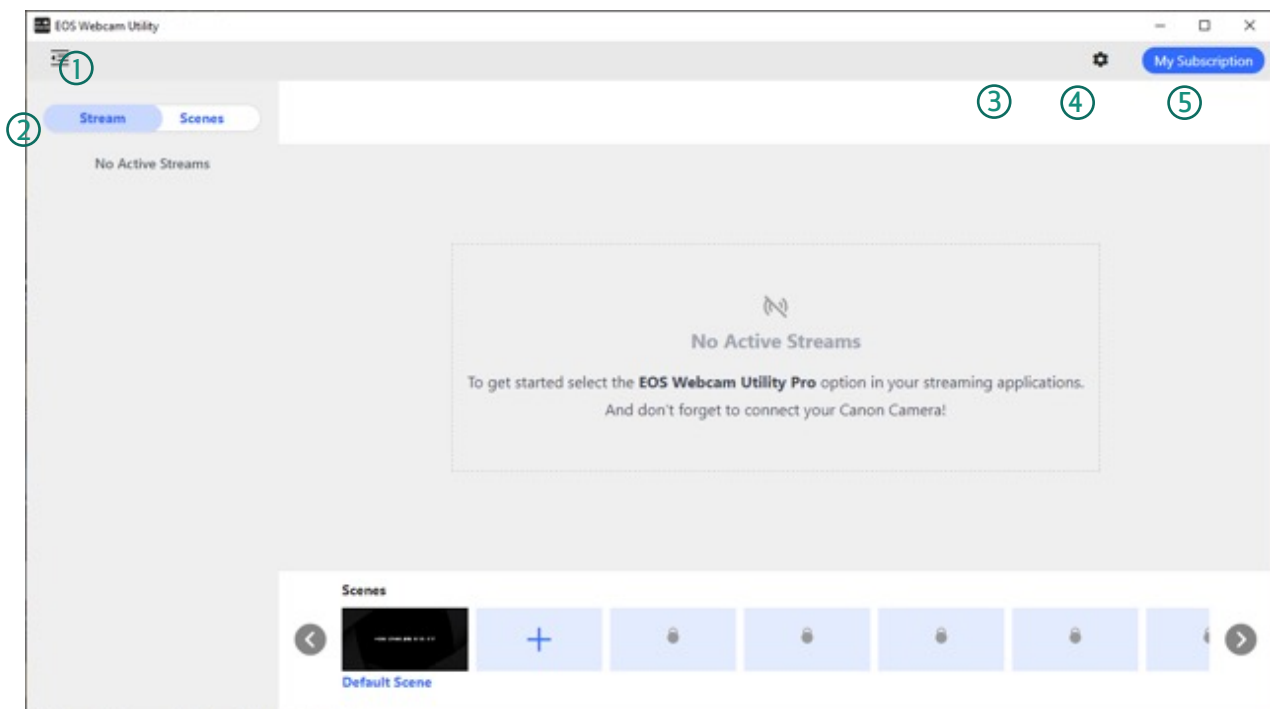
4. If you don't have your MyCanon account, click "Create Account" to create your MyCanon account before you subscribe.
5. Once you created the MyCanon account or you already have your MyCanon account, click "Manage Subscription".
6. Sign In to Your Canon Account with your MyCanon account.
7. Select either a monthly or annual (best value) subscription.
8. Process payment and you are all set to start using all the features.

HOW TO UNLOCK ALL FEATURES AS A SUBSCRIBED USER

AS A SUBSCRIBE USER YOU ARE ABLE TO MANAGE YOUR SUBSCRIPTION FROM OUR WEBSITE OR USING SUBSCRIPTION MANAGE FUNCTION ON THE SOFTWARE.

1. Once you are subscribed as a “Pro” user, open EOS Webcam Utility Pro software.
2. Click “My Subscription” button on the top right corner of the main window.
3. Click “Upgrade” button in the Subscription page of the settings
4. Click “Manage Subscription” and login to your MyCanon account.

EOS WEBCAM UTILITY PRO MAIN WINDOW

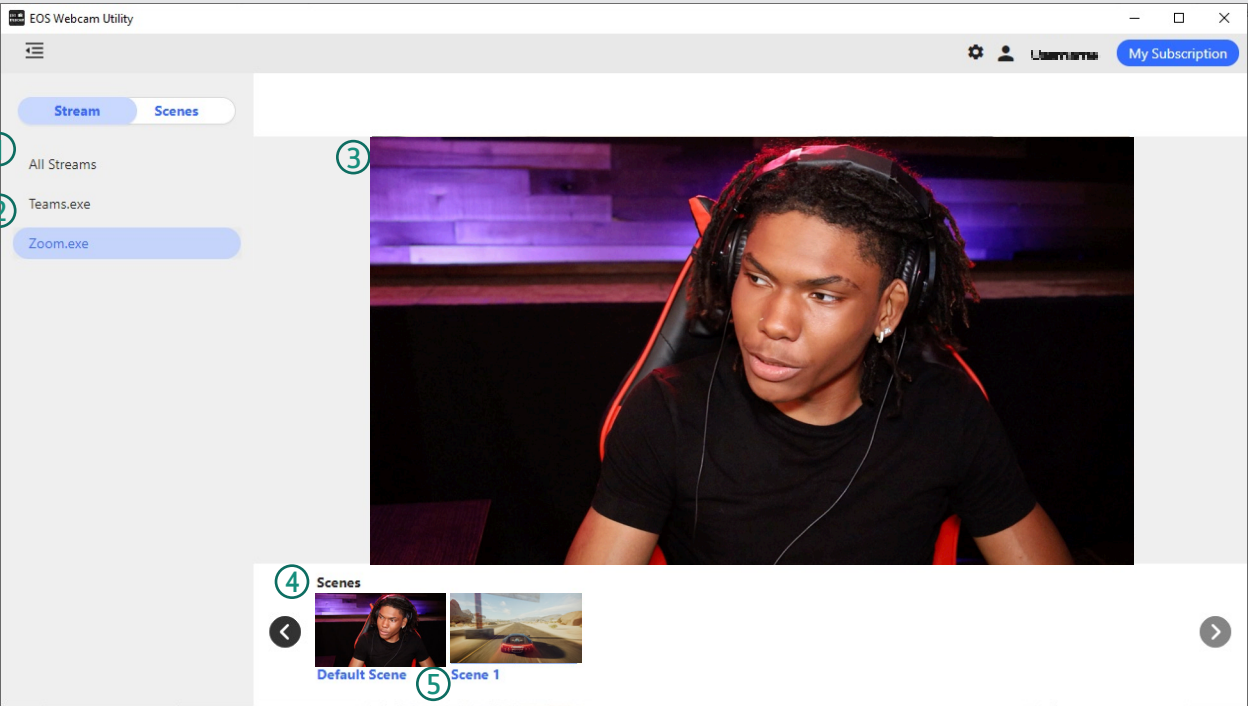


1. Show/Hide left pane : Toggle to show or hide the left pane of the main window.
2. “Stream/Scenes” tab switch : Switch between “Stream Tab” and “Scenes Tab”
3. Settings : Open settings menu
4. User Name : User name will be displayed after log-in with MyCanon account
5. My Subscription button : Upgrade to Pro user or Manage Subscription as a Pro user

STREAM TAB


There are two tabs you can switch between to manage your streams and scenes. Stream Tab is where you have control over which scene to stream to each connected stream channel. Connect stream channel will be listed in the left pane of the window and you are able to switch the channel you would like to have control by clicking the name of the connected channel. “All Streams” option provides you the ability to control which scene to stream to all channel at once.

INDIVIDUAL STREAM



- 1. All Streams: Control which scene to stream to all of the connected channels at once
- 2. Connected Streams List: Connected stream channel will be listed to give you access to individual connected stream
- 3. Preview Window: You will see what is currently streamed here. You can also right click on this image for a pop-up menu which gives you options listed in the graphic below.
- 4. Scenes pane: List of existing scenes
- 5. Scenes thumbnail: You can choose and select which scene to be streamed to the current channel

(Right click) Pop-up Menu

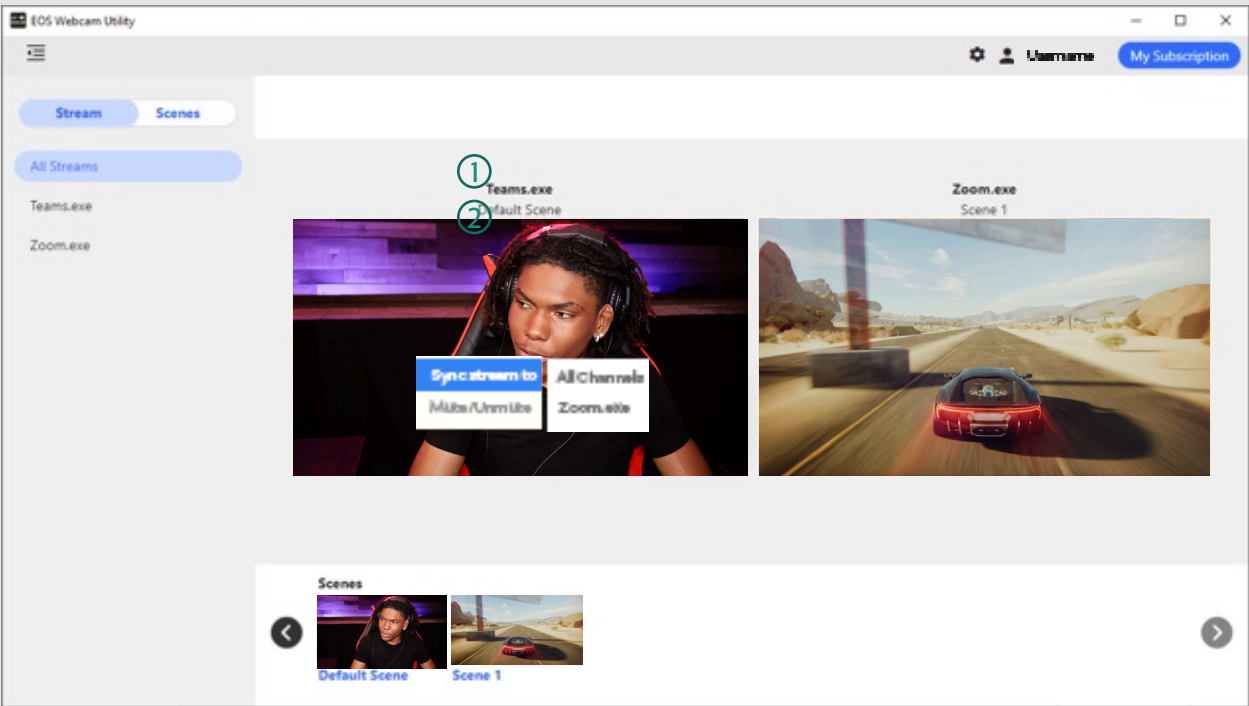
Sync Stream to	All Channels	Stream the selected scene to all of the connected channels
	(Individual Channel)	Stream the selected scene to selected channel
Mute/Unmute		Show/Hide default screen(below) to Mute/Unmute video out to the connected channel 



The frame rate of the video displayed in the preview is lowered for optimal performance. You can change the preview frame rate in settings menu.

ALL STREAMS

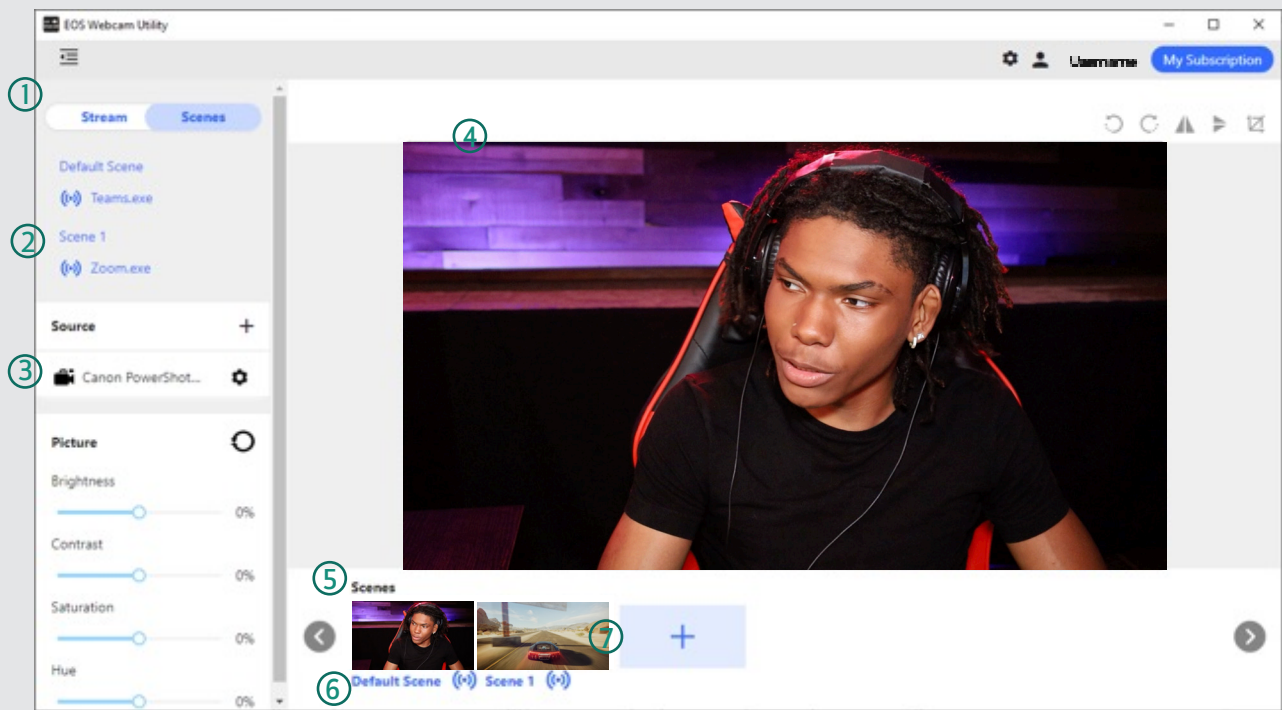
This is a view where you can control and view all the connected stream channels in one view.



- 1. Channel Name : Display the connected Channel name
- 2. Scene Name : Display the Scene name that is currently live on the channel
- 3. Preview Window: Display the preview of what is currently live on the channel
- 4. Right Click Menu:

Sync Stream to	All Channels	Stream the selected scene to all of the connected channels
	(Individual Channel)	Stream the selected scene to selected channel
Mute/Unmute		Show/Hide default screen(below) to Mute/Unmute video out to the connected channel <div></div>

SCENES TAB



- 1. **Scene List:** List of all scenes. Indicator and stream name shown when live.
- 2. **Source List:** You can add source to your scene by clicking . Added source will be listed and able to change setting of the source.
- 3. **Picture Setting:** You can set Brightness/Contras/Saturation/Hue of the scene.
- 4. **Preview Window:** Preview of what the scene will look like. You can edit the scene layout directly here.
- 5. **Scenes List:** List of all scenes. You can add new scene by clicking .
- 6. **Default Scene:** Default output scene of EOS Webcam Utility. Indicator shown when live.
- 7. **Custom Scene:** Scenes additionally created by user. Indicator shown when live.

Default Scene

The default scene is the default output scene of the EOS Webcam Utility software. The first Canon camera connected to the software will be automatically placed to this scene. Free user are able to use this default scene but cannot edit it. Pro user are able to add watermark to this default scene.

Custom Scene

The custom scene is where you can freely add sources and edit and customize layout how ever you would like to. You can put multiple camera input in one scene or have your game input via HDMI capture card in the background and have your camera input as picture in picture etc. This is where you can expand your creative possibilities.

Operation and Supported Source

Here is the detail chart of what operation and source input are supported in default/custom scene.

Scene Type	Operations (Right-Click Scene Thumbnail)	Sources	Source Type
Default Scene	Duplicate	Watermark	PNG (Alpha channel support) *One PNG file support
Custom Scene	Rename scene Delete scene Duplicate scene	Video Capture	Supported Canon camera UVC including capture card Built-In camera Wireless camera(Selected Canon camera)
		Screen Capture	Currently opened window in your system.
		Picture	JPG, JPEG, PNG
		Watermark	PNG (Alpha channel support) *One PNG file support

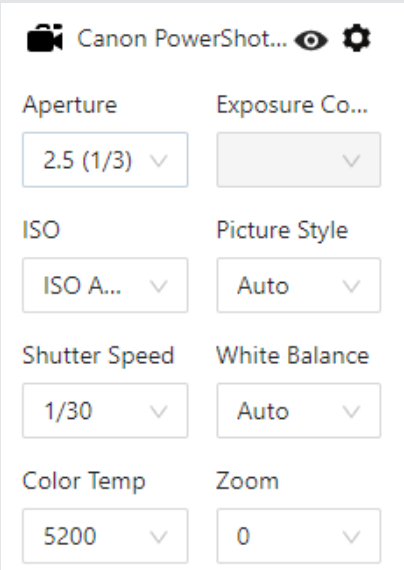
OPERATION TO SOURCE

By right-clicking on one of the sources, you will be able to access below options.

Rename		Rename how you want to display the selected source in the source list.
Size	Fill To	Resize and fill the scene with the selected source. Source input will be cropped to fill the 16:9 aspect ratio scene.
	Fit To	Resize and fit the scene with the selected source
	Original	Reset any resize to the original scale
Copy To		Copy the selected source to destination scene
Move To		Move the selected source to destination scene
Edit Camera Settings (Only for Canon Camera)		Shortcut to show/hide the camera setting of selected Canon camera input source.
Hide/Unhide		Hide/Unhide selected source.
Flip Horizontal		Flip the selected source input horizontally
Flip Vertical		Flip the selected source input vertically
Crop		Crop the selected source
Uncrop		Uncrop the selected source
Send to Back		Send the selected source back
Delete		Delete selected source

CAMERA CONTROL SETTINGS

You can control camera settings if the input source is one of the supported Canon camera. Please refer to the supported Canon camera section for detail about the supported camera.



Settings	Description
Aperture	Change aperture value of camera. Depending on the shooting mode, you are not able to change this setting.
Exposure Compensation	Change exposure compensation value of the camera.
ISO	Change ISO value of the camera.
Picture Style	Change Picture Style setting.
Shutter Speed	Change shutter speed value of camera. Depending on the shooting mode, you are not able to change this setting.
White Balance	Change White balance value of camera.
Color Temp	Change color temp of white balance. Select “Color Temp” as white balance setting.
Zoom	Change zoom setting of camera.



To control the exposure compensation for PowerShot G7X Mark III/PowerShot G5X Mark II, set the exposure compensation dial to  position.
Picture Style is not supported on PowerShot SX70HS

SETTINGS - FREE VERSION

GENERAL

Settings	Description
Version	Installed version. You can check if there is an update here.
Run EOS Webcam Utility on startup	Choose whether you want to run EOS Webcam Utility Pro on setup.
Allow Canon to gather information about how you use our software	You can change opt in/out setting to let Canon to gather usage information status here.

SETTINGS - SUBSCRIPTION VERSION

VIDEO

Settings	Options	Descriptions
Streaming Video Output Resolution	360P	Set the output of EOS Webcam Utility to 640x360P resolution.
	720P	Set the output of EOS Webcam Utility to 1280x720P resolution.
	1080P	Set the output of EOS Webcam Utility to 1920x1080P resolution.
Target Frames per Second(FPS)	30 FPS	Set the output of EOS Webcam Utility to 30 FPS.
	60 FPS	Set the output of EOS Webcam Utility to 60 FPS. Set the camera setting to 60 FPS in order to get higher frame rate with this setting. Please note that depending on camera performance, setting the camera framerate to 60 fps might lower the software output framerate than setting to 30 fps.
Preview Framerate	Preview using lower framerate – low CPU usage	Lower the preview video frame rate for optimal performance. This setting limits preview video frame rate to 2 FPS.
	Preview at 10 FPS – high CPU usage	Set preview video frame rate to 10 FPS. This will higher the CPU usage and might prevent from optimal performance in some environment.
Scene Transitions	Cross Fade	Set the effect when switch between scenes to cross fade.
	Direct	Set the effect when switch between scenes to direct.
Software Performance	Frame rate	Set EOS Webcam Utility to prioritize output framerate over picture quality.
	Picture Quality	Set EOS Webcam Utility to prioritize picture quality over framerate.
Source resolution	Always use lower resolution from cameras	Set EOS Webcam Utility to use lower resolution from camera.
	Use lower resolution from cameras when connected wirelessly	Set EOS Webcam Utility to use lower resolution from camera when connected wirelessly.
	Never use lower resolution available from cameras	Set EOS Webcam Utility to use highest resolution from camera.

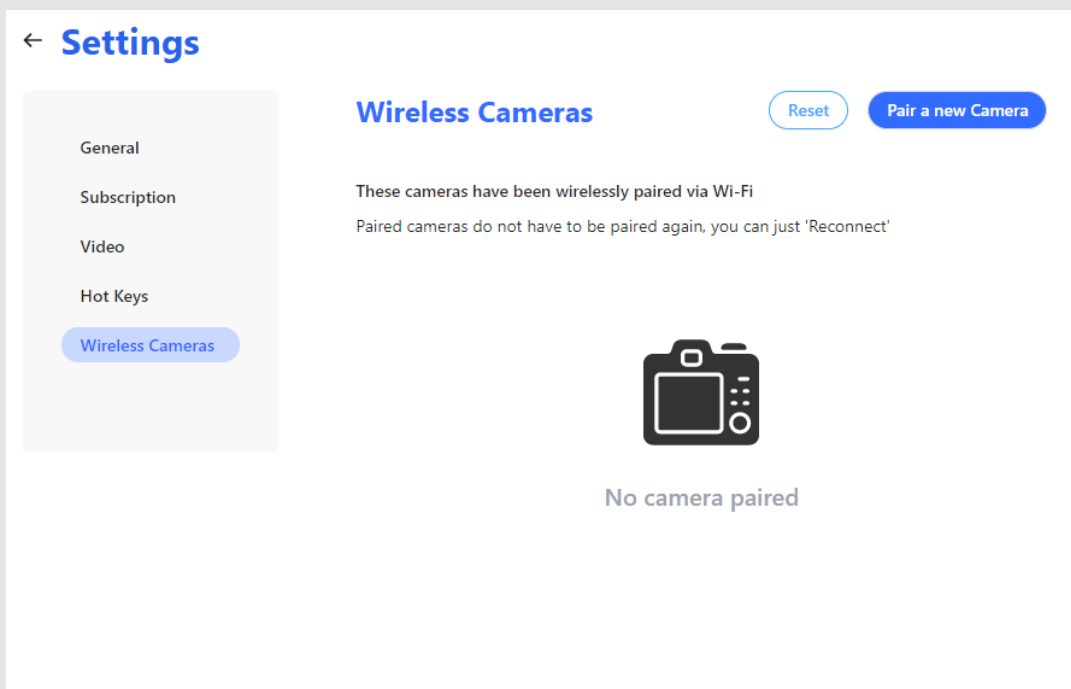
HOT KEYS

EOS Webcam Utility software supports hot key settings. Here is the list of functions that you can assign hot keys to.

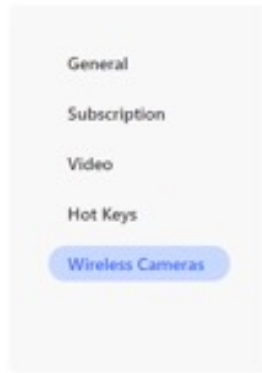
- Transition Between Scenes
- Mute/Unmute Stream
- Move Source Layer Forward
- Mover Source Layer Backward
- Watermark Visibility in Active Scene
- Next White Balance in Active Scene
- Previous White Balance in Active Scene
- Next Color Temp in Active Scene
- Previous Color Temp in Active Scene
- Next Picture Style in Active Scene
- Previous Picture Style in Active Scene
- Zoom in Camera in Active Scene
- Zoom out Camera in Active Scene
- Push to focus Camera in Active Scene
- Change Active Source in Active Scene

WIRELESS CAMERA

EOS Webcam Utility Pro allows single wireless stream from the paired camera.



← Settings



Wireless Cameras

②
Reset

①
Pair a new Camera

These cameras have been wirelessly paired via Wi-Fi

Paired cameras do not have to be paired again, you can just 'Reconnect'

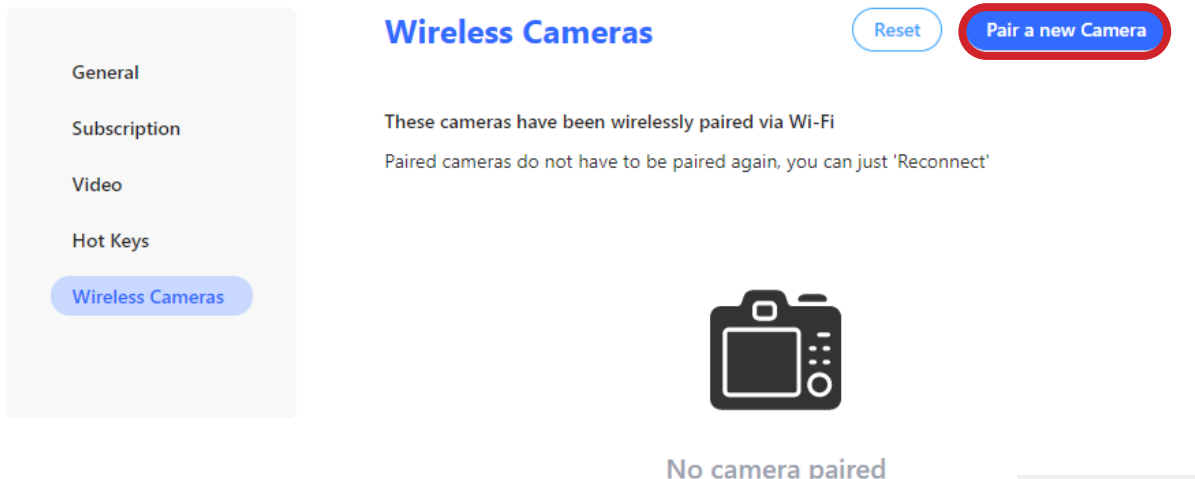
③ Canon EOS M200	MAC Address 9E:32:CE:E9:47:FE	IP Address 192.168.1.2	④ Reconnect
Canon EOS M6 Mark II	MAC Address 12:9B:C3:4A:B3:F8	IP Address 192.168.1.2	Reconnect
Canon EOS-1D X Mark III	MAC Address 74:BF:C0:85:C2:F1	IP Address 192.168.86.26	Reconnect
Canon EOS M6 Mark II	MAC Address 10:9B:C3:4A:B3:F8	IP Address 192.168.86.27	Reconnect

1. **Pair a new Camera:** Start pairing your camera from here.
2. **Reset:** Clears all paired camera from the paired camera list.
3. **Paired camera list:** List of paired camera.
4. **Reconnect:** Show guide to Reconnect.

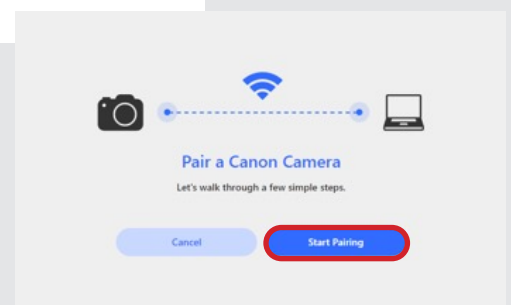
STEP BY STEP GUIDE TO PAIR CAMERA

1. Go to Settings menu, Wireless Camera and Push [Pair Camera]

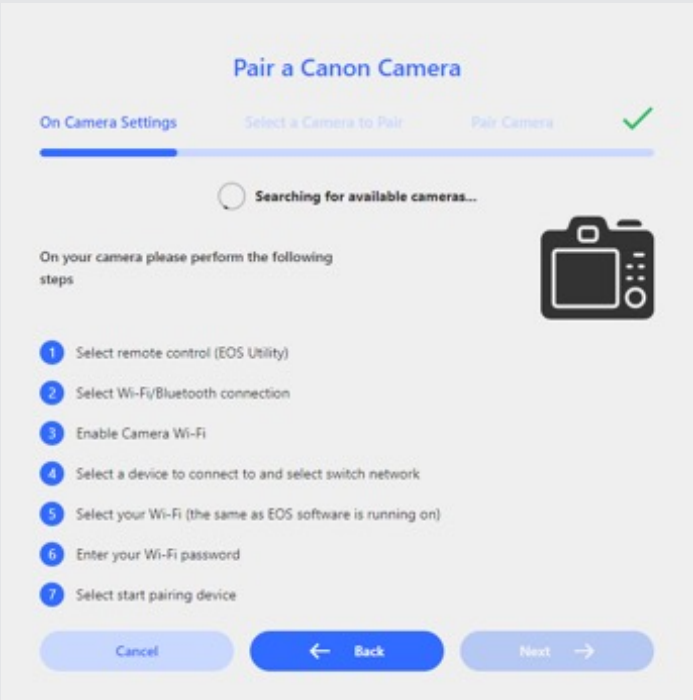
← Settings



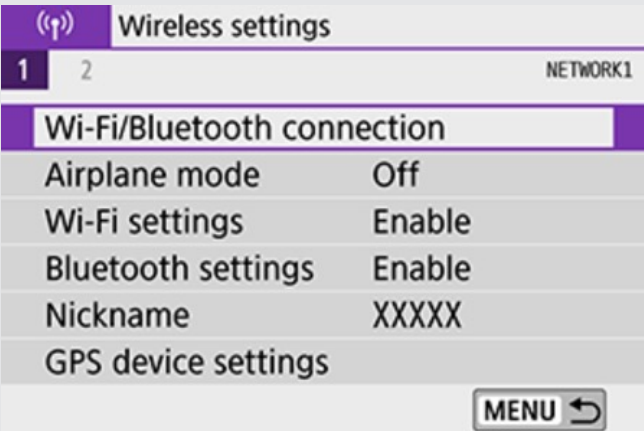
2. Select [Start Pairing]



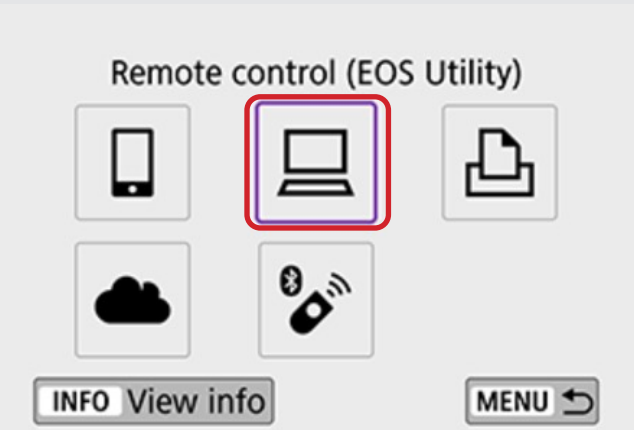
3. Follow the step in the dialog. The dialog guide shows the general step of how you need to operate your camera to establish Wi-Fi connection to your PC/Mac. For detail step connect your camera to your PC/Mac via Wi-Fi, please refer to your camera instruction manual. The Following is an example of an EOS R10:



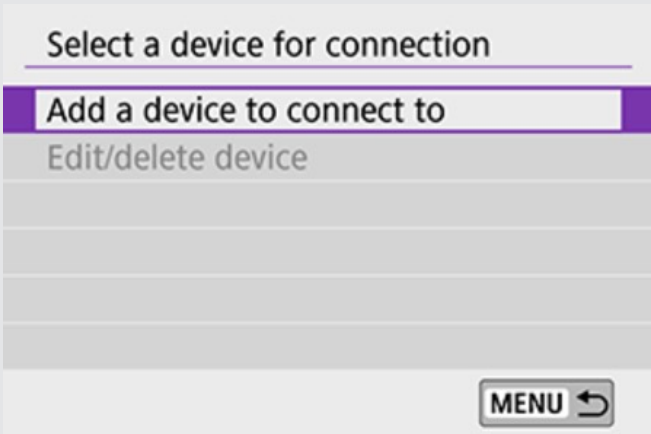
Select [Wi-Fi/Bluetooth connection]



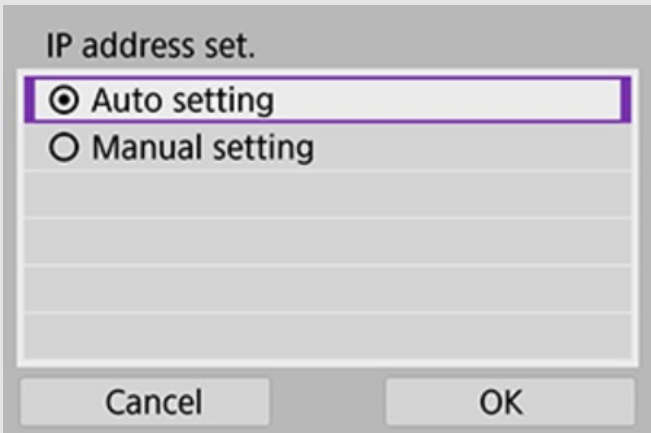
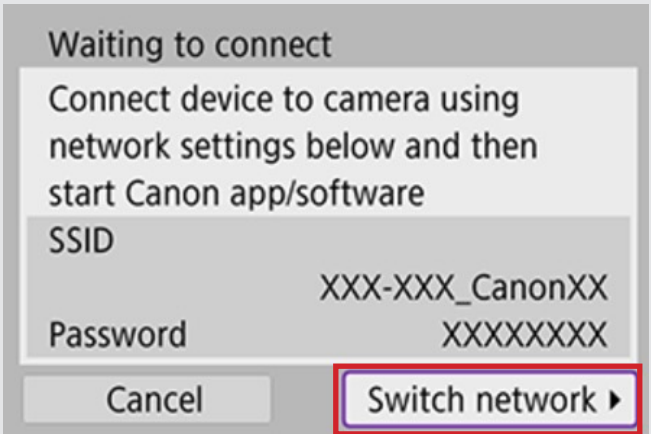
Select [Remote control (EOS Utility)]



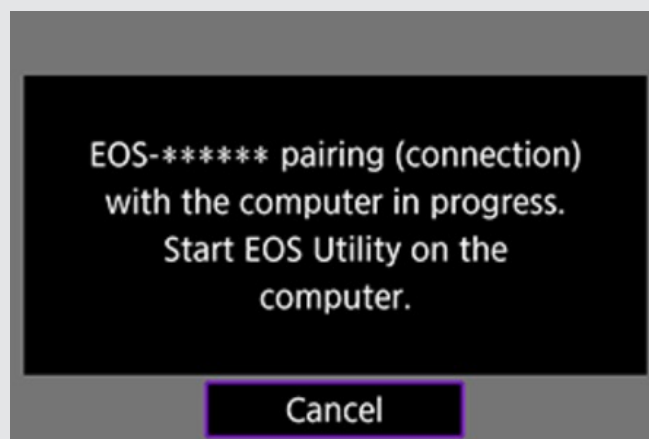
[Enable Wi-Fi if asked on camera]



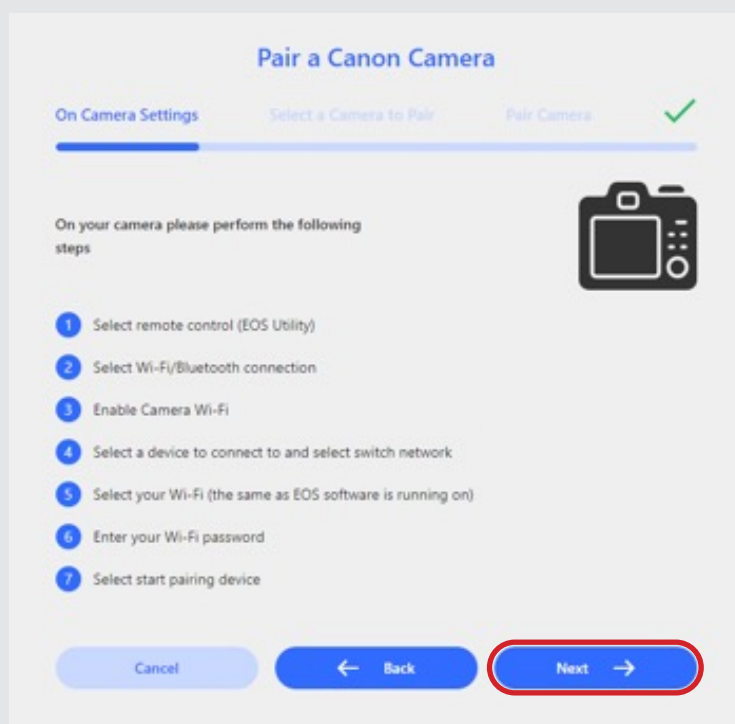
Select [Switch network] and connect to the same access point with the device EOS Webcam Utility Pro is running. Enter Password and connect.



Once you see below screen on your camera go back to EOS Webcam Utility pro

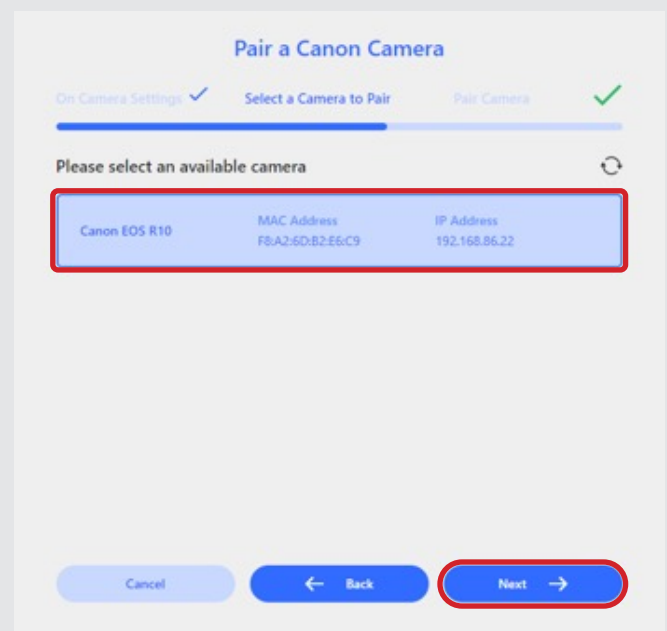


Wait until the [Next] button automatically enabled.

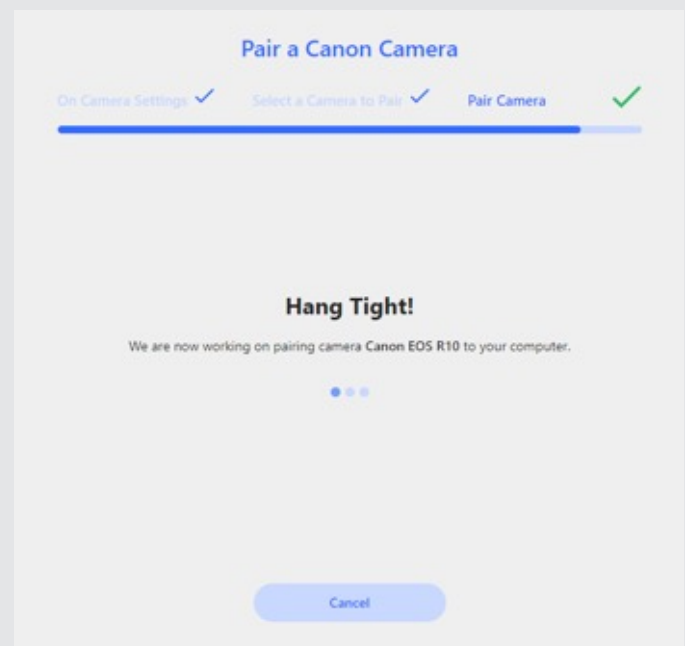


Select your camera and push [Next] button.

Select [Switch network] and connect to the same access point with the device EOS Webcam Utility Pro is running. Enter Password and connect.



Once you see below screen, Got to your camera and wait until the camera finds your PC/Mac.



Once your PC/Mac found you will see below screen on your camera. Select [OK]



Congratulations, your camera is now paired to EOS Webcam Utility Pro and connected. You can go ahead and choose your video source and add to one of your scene.

← Settings

General

Subscription

Video

Hot Keys

Wireless Cameras


Wireless Cameras

Reset

Pair a new Camera

These cameras have been wirelessly paired via Wi-Fi

Paired cameras do not have to be paired again, you can just 'Reconnect'

Canon EOS R10	MAC Address	IP Address	
	F8:A2:6D:B2:E6:C9	192.168.86.22	 Connected

COMPATIBLE CAMERAS

EOS Cameras

EOS-1D X Mark III ^{✱✱}	EOS R10 ^{✱ ✱✱}	EOS Rebel SL3 ^{✱ ✱✱}
EOS-1D X Mark II ^{✱✱✱}	EOS 6D Mark II ^{✱ ✱✱}	EOS Rebel SL2 ^{✱ ✱✱}
EOS-1D X ^{✱✱✱}	EOS 6D ^{✱✱}	EOS Rebel SL1
EOS-1D C ^{✱✱}	EOS RP ^{✱ ✱✱}	EOS Rebel T7 [✱]
EOS 5DS R ^{✱✱}	EOS 7D Mark II ^{✱✱}	EOS Rebel T6
EOS 5DS ^{✱✱}	EOS 90D ^{✱ ✱✱}	EOS Rebel T5
EOS R3 ^{✱✱}	EOS 80D ^{✱ ✱✱}	EOS Rebel T100 [✱]
EOS R5 ^{✱✱}	EOS 77D ^{✱ ✱✱}	EOS M6 Mark II ^{✱ ✱✱}
EOS 5D Mark IV ^{✱✱}	EOS 70D	EOS M50 ^{✱ ✱✱}
EOS 5D Mark III ^{✱✱✱}	EOS Rebel T8i ^{✱ ✱✱}	EOS M50 Mark II ^{✱ ✱✱}
EOS R6 ^{✱ ✱✱}	EOS Rebel T7i ^{✱ ✱✱}	EOS M200 ^{✱ ✱✱}
EOS R ^{✱✱}	EOS Rebel T6s	
EOS Ra ^{✱✱}	EOS Rebel T6i	
EOS R7 ^{✱ ✱✱}	EOS Rebel T5i	

PowerShot Cameras

PowerShot G5X Mark II [✱]	PowerShot G7X Mark III [✱]	PowerShot SX70HS [✱]
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[✱] Camera does not ship with a bundled USB interface cable

^{✱✱} Wireless feature available for subscribed user

^{✱✱✱} Wireless features available for subscribed user with use of Wireless File Transfer Adapter

COMPATIBLE APPLICATIONS

 Cisco Webex®

 Discord

 Facebook Live

 Google Meet™

 Messenger

 Microsoft Teams

 Open Broadcaster Software®

 Skype

 Slack

 Streamlabs

 YouTube Live

 ZOOM

 Twitch