

## AVer TR320/530 and PTZ310/330 Cameras Streaming with Vimeo

March 2020

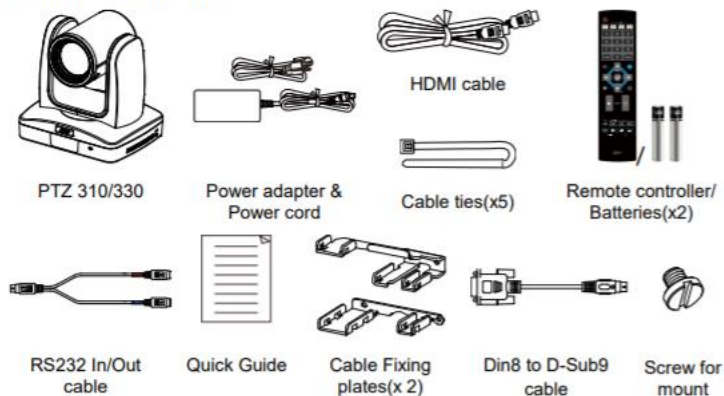
### Steps to integrate the AVer TR and PTZ Cameras into Vimeo

**AVer Pro-AV** has high quality image Cameras (TR320/530 and PTZ310/330) that will integrate with Vimeo workflows for peak performance and ease of use. We will show the configuration process for both the TR and PTZ Camera lines and Vimeo streaming service. There are some pre-requisites for this to happen, see below.

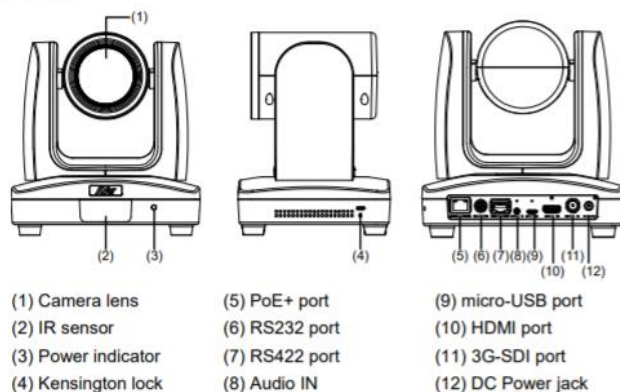
#### **PTZ310/330 Camera**

- AVer PTZ330/N Camera and accessories.

##### **Package Contents**



##### **Overview**

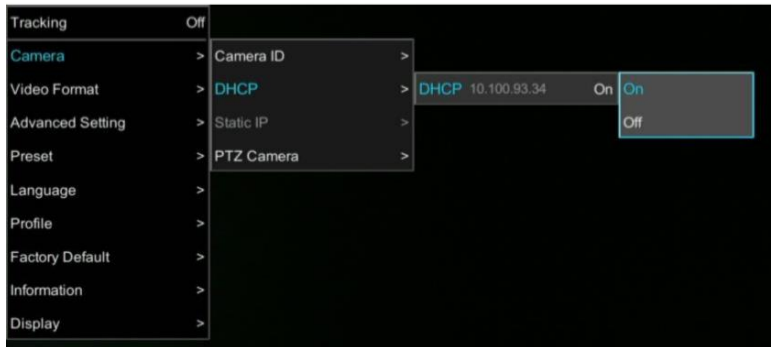


- Chrome Browser, version 79.0.3945.xxx and later.
- Vimeo account.
- Windows 10 Pro OS used in this setup.

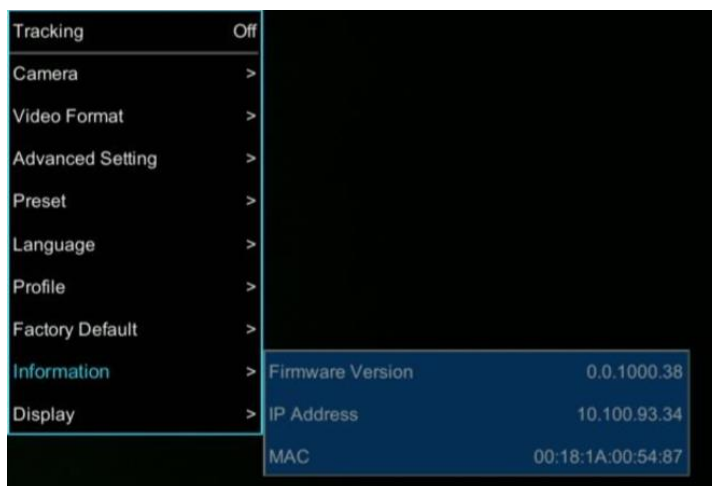
## RTMP Streaming from PTZ310/330 Camera to Vimeo

1. Connect the PTZ310/330 camera via Network RJ45 connection; verify IP address of Camera in order to connect via Web browser. Locate the remote, select the “Menu” icon on the remote and navigate to the “Network->DHCP->” setting, verify it is set to DHCP “On” in order to grab an available IP address. If you are reserving IP addresses, verify it is set to “OFF” and that the correct IP address has been set.

Go to **Camera > DHCP > DHCP > On**.



After turning DHCP on, go to **Information** to view the IP address.



2. Once you have the IP address setup, type the IP address in your Chrome browser (Setup on same subnet) and you should now see the login to the PTZ330 camera shown below.

Sign in

http://192.168.0.106

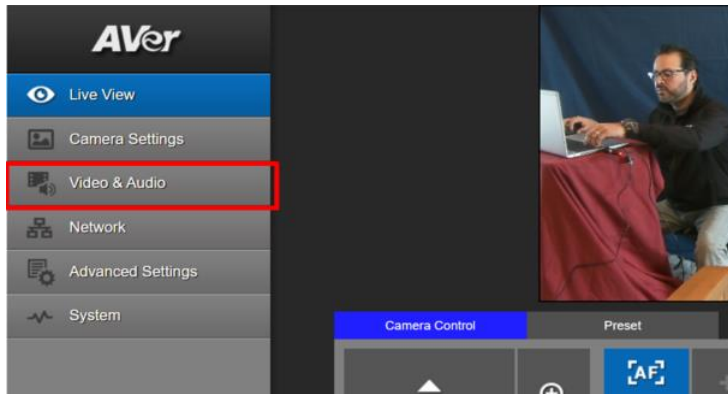
Your connection to this site is not private

Username

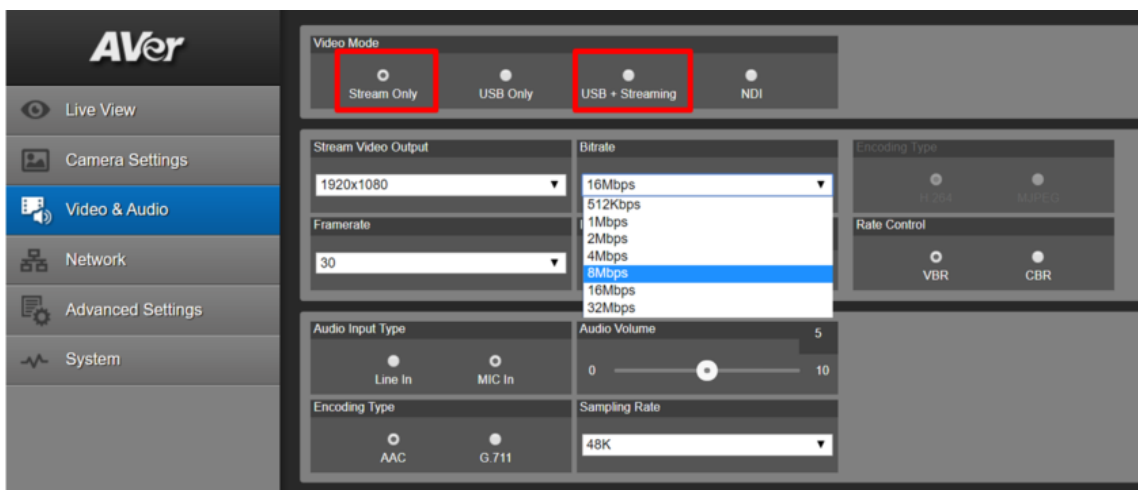
Password

3. The default Username/password is “administrator”. **\*Note:** If this is the first time accessing the PTZ330 camera via the Web login it may ask you to change the Username/Password.

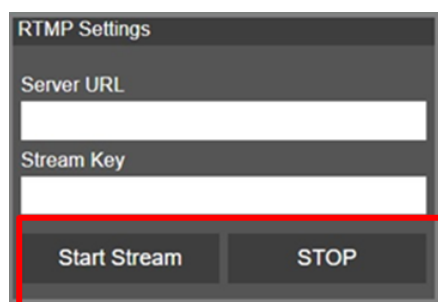
- Next, you should now see the main login screen with a “Live View” of the PTZ Camera.



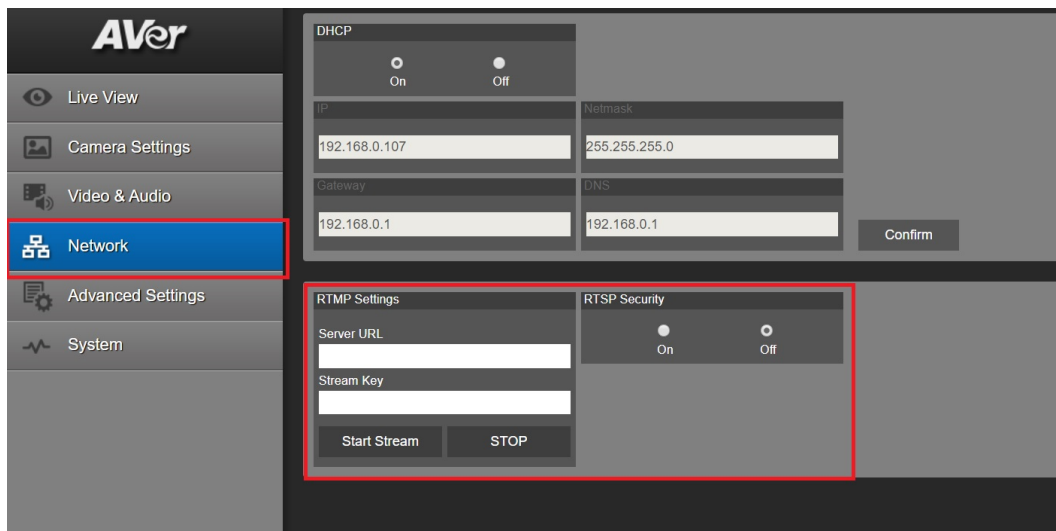
- Next, after selecting the *Video & Audio* setting, verify that you have either “Stream Only” selected or “USB + Streaming” selected, depending on your setup. Select your Stream Video Output standard, Bitrate, Framerate, Encoding, etc. **\*Note:** Some servers require a minimum bitrate of 2.5Mbps for their environment.



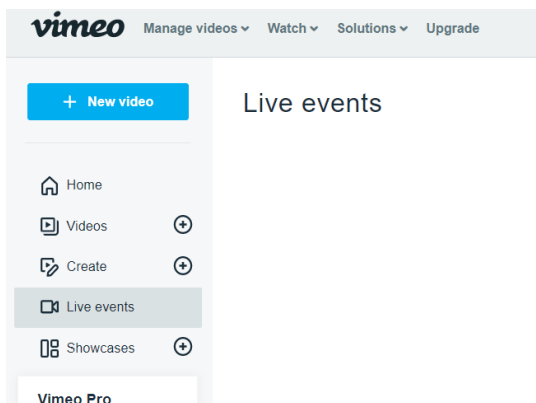
**\*Note:** Once streaming has started do not change the Stream Video Output on the fly, you will need to “STOP” streaming, change the Stream Video Output, then “Start” the stream again.



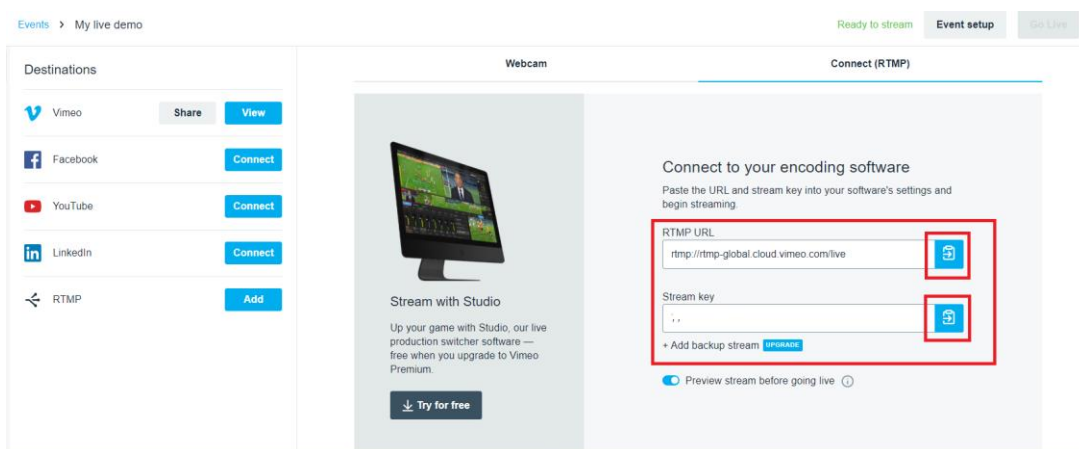
- Next, select the *Network* setting; this is where you will enter the RTMP *Server URL* and *Stream Key*. *RTSP Security* to either “On” or “Off” depending if you want encryption when using *RTSP*.



- Next, go to your Vimeo account and login to obtain the *Server URL* and *Stream name/key*. Once obtained, you will copy that information and paste it into the PTZ Camera *Server URL* and *Stream Key* fields.
- Next, select *Live Events*; there you will have different options for “Destinations”, Vimeo, Facebook, YouTube, LinkedIn, and an option to “Add” an RTMP.

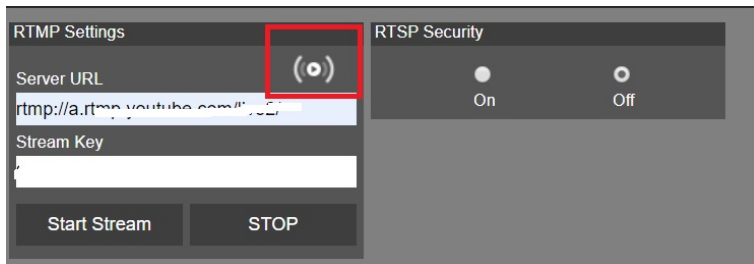


- There are 2 tabs available, one for *WebCam* and another for *Connect (RTMP)*, select *Connect (RTMP)*.

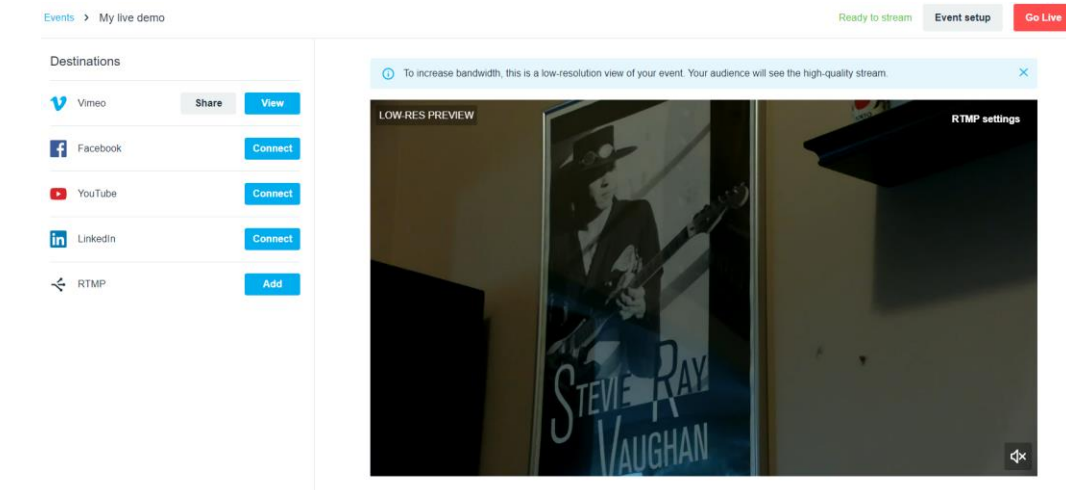


- Next, copy *RTMP URL* and *Stream key* information, either by using the Clipboard selection or highlighting and using the keyboard “ctrl-c”.

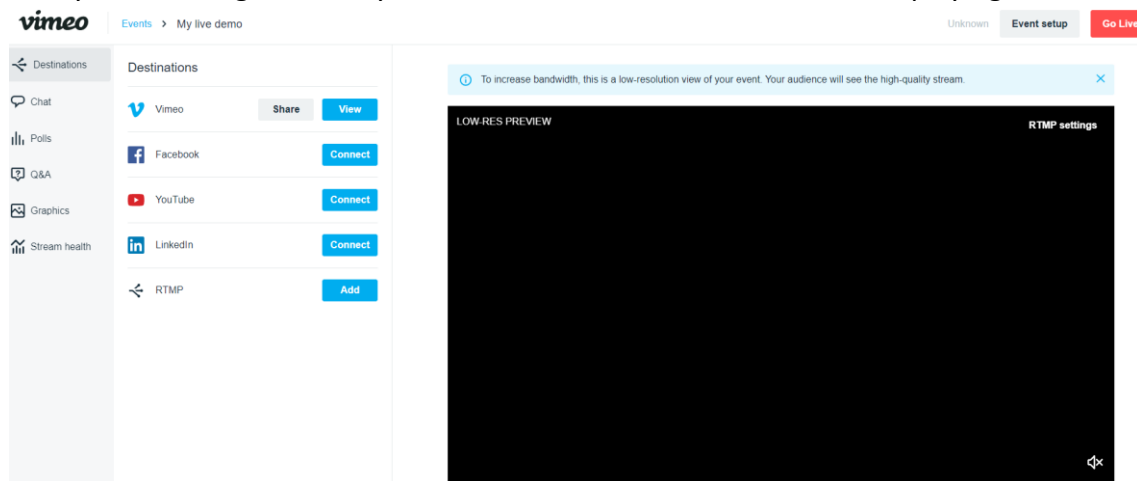
7. Next, go back to the PTZ WebLogin and select *Start Stream*; this will begin the stream to Vimeo.  
You should see a Streaming icon appear to indicate the stream process has started.



8. To verify, go to your Vimeo account and verify the video feed stream from the PTZ330 camera.



9. To end the streaming feed from the PTZ camera, go to the WebLogin and select “STOP”.
10. To verify on Vimeo, go back to your Vimeo account, it should now be displaying a “Black” screen.



11. This concludes the AVer PTZ310/330 Camera Streaming within the Vimeo environment.

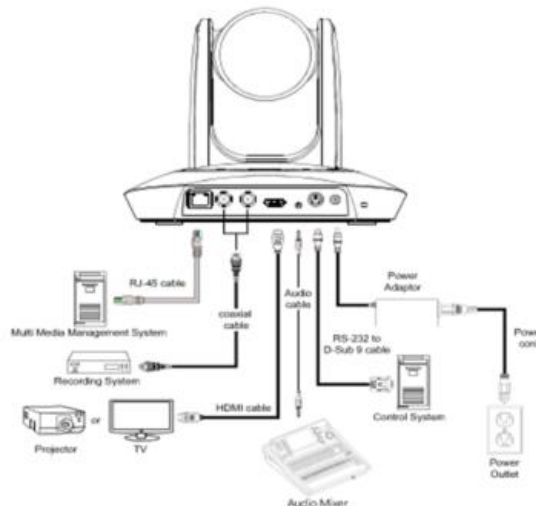
## RTMP STREAMING from TR320/530 (Tracking) Camera to Vimeo

1. Connect the TR320/530 camera via Network RJ45 connection; verify IP address of Camera in order to connect via Web browser.

### Important Camera Setup

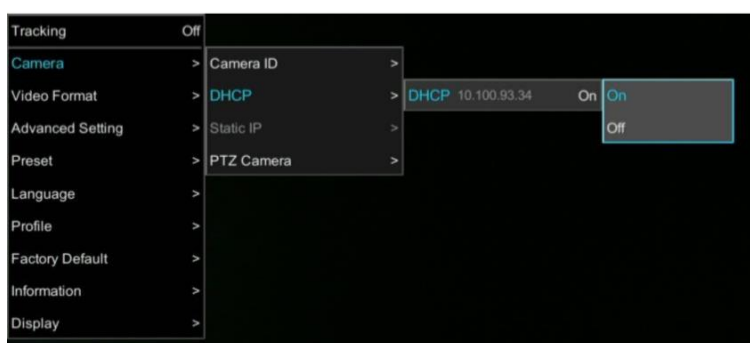
#### Installation Suggestion:

- Install height: 2~3m (6.56~9.84 feet). 2.4m (7.87 feet) is recommended. If the camera height is too low, tracking may be compromised. Please raise the camera to at least 6.56 feet.
- Distance from podium:
  - TR320: 4~10m (13~33 feet)
  - TR530: 4~15m (13~49 feet)

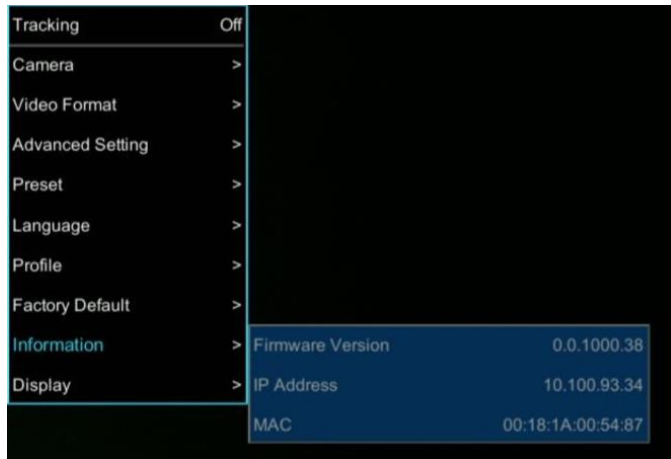


1. Connect the TR530 camera via RJ45 Network Cat5E (or better) cable; verify IP address of Camera in order to connect via Web browser. If IP address is not known, locate the remote, select the “Menu” icon and navigate to the “**Camera->DHCP->**” setting, verify DHCP is set to “On” in order to grab an available IP address. If you are reserving IP addresses, verify it is set to “OFF” and that the correct IP address has been set.

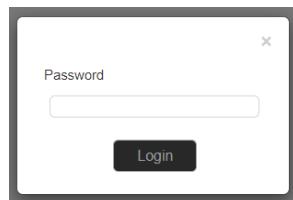
Go to **Camera > DHCP > DHCP > On**.



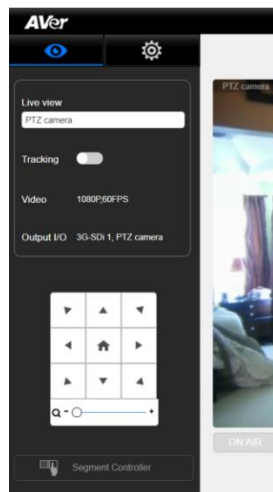
After turning DHCP on, go to **Information** to view the IP address.




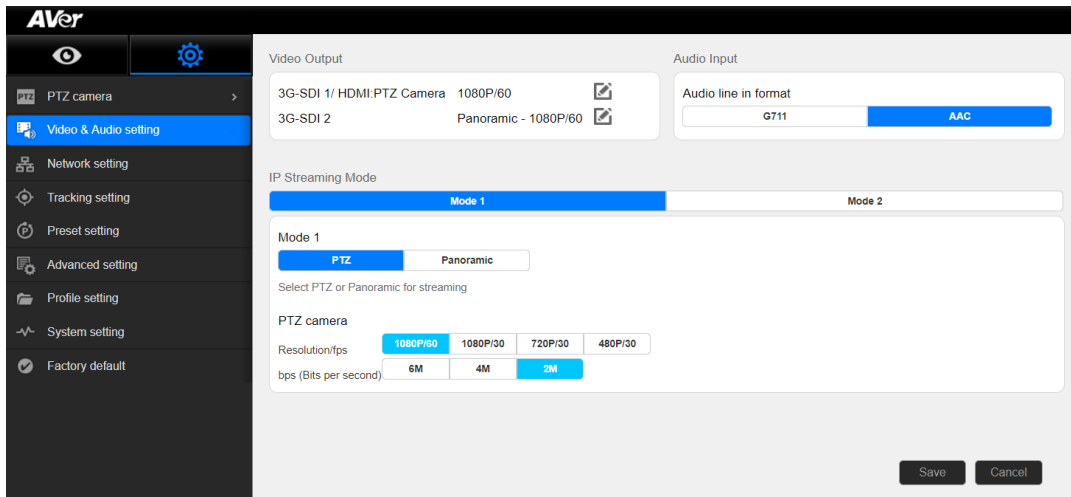
- Another way to find the Camera IP address (On same Subnet) is to use the AVer IPCam Utility to find the camera. AVer software can be found here: <https://www.aver.com/download-center>.
- Next, type the IP address in your Chrome browser (Setup on same subnet) and you should now see a login to the TR320/530 camera shown below.



- The default password is "admin".
- Next, you should now see the main login screen with a "Live View" of the PTZ Camera.

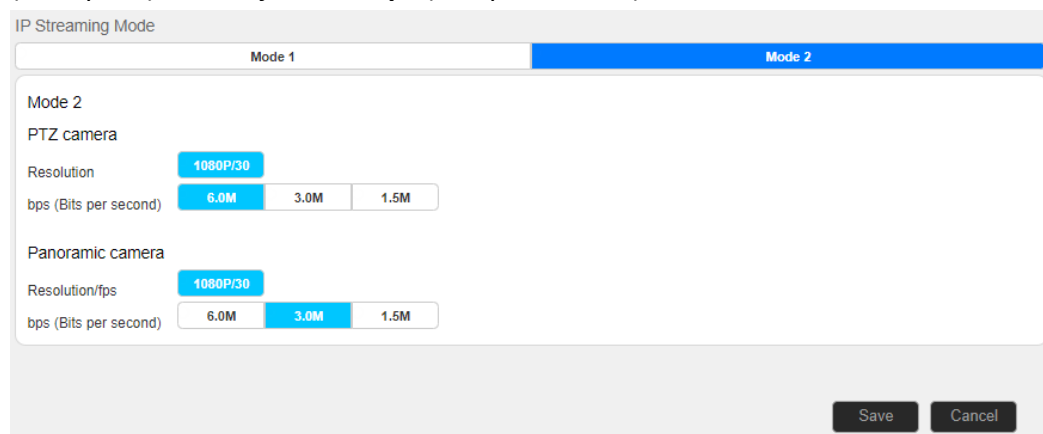


- Next, select the settings gearbox , then select *Video & Audio setting*, this is where you can select Video Output, Audio, and the type of Streaming mode to use and Streaming video standard.

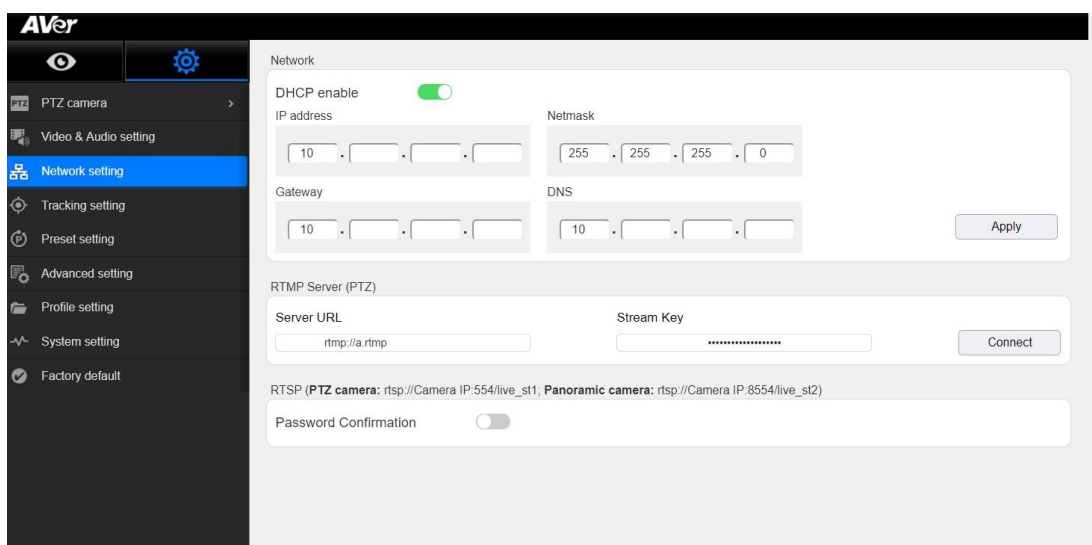


**Mode 1:** You will use either the PTZ Camera OR Panoramic Camera view for your stream with varying video selections.

**Mode 2:** There will be 2 simultaneous streams from PTZ and Panoramic views set to (1080p/30) with adjustable **bps** (bits per second) if selected.

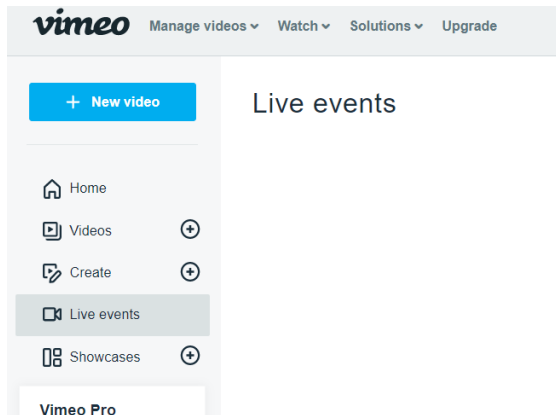


7. Next, select *Network Setting*. You should now see the following information displayed.

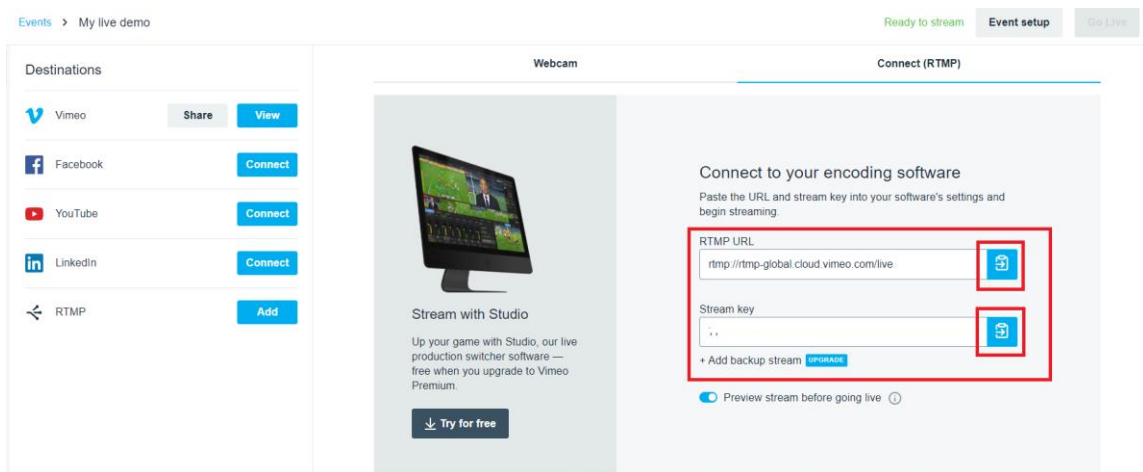


**\*Note:** It is a good idea to verify the Gateway of your network, this is how the camera stream will access the WWW.

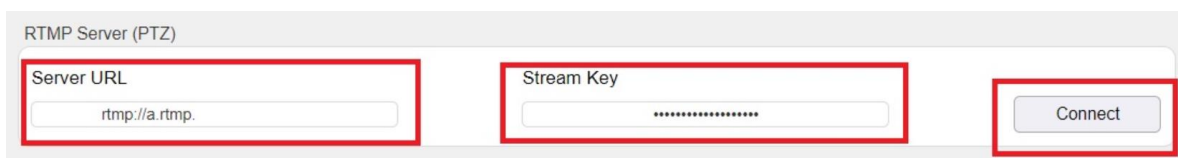
8. Next, notice the *RTMP Server URL* selection, this is where you will “paste” the URL string from Vimeo as well as the *Stream Key* from Vimeo.
9. Next, go to your Vimeo account and login, select *Live Events*; there you will have different options for “Destinations”, Vimeo, Facebook, YouTube, LinkedIn, and an option to “Add” an RTMP.



10. There are 2 tabs available, one for *WebCam* and another for *Connect (RTMP)*, select *Connect (RTMP)*.



11. Next, copy *RTMP URL* and *Stream key* information, either by using the Clipboard selection or highlighting and using the keyboard “ctrl-c”.
12. Next, go to the TR Camera WebLogin, *Network Setting*, and paste the Server URL and Stream Key information into the fields provided.

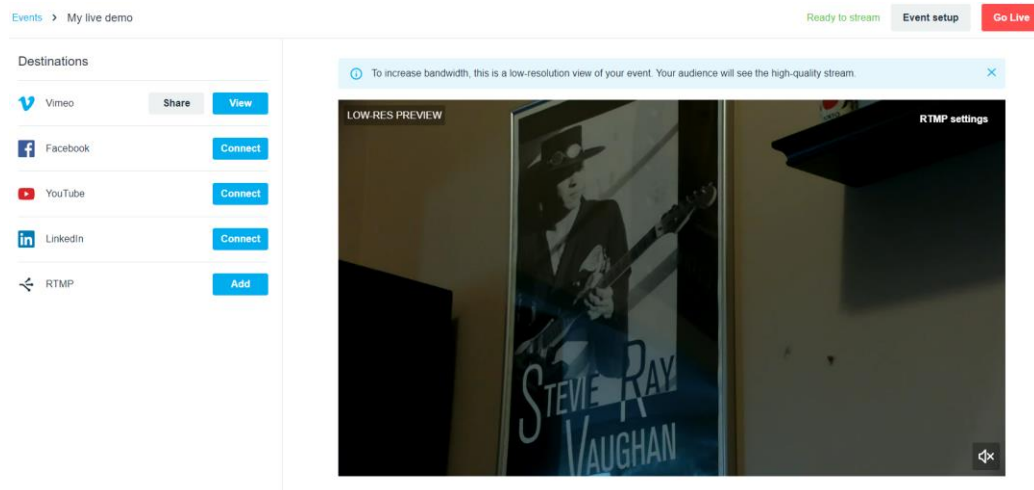


13. Next, to begin the Stream from the TR Camera, select *Connect*, you should see a red “Streaming” text appear, to indicate you are now streaming. This is where you would also “Disconnect” from the stream.

**Streaming**

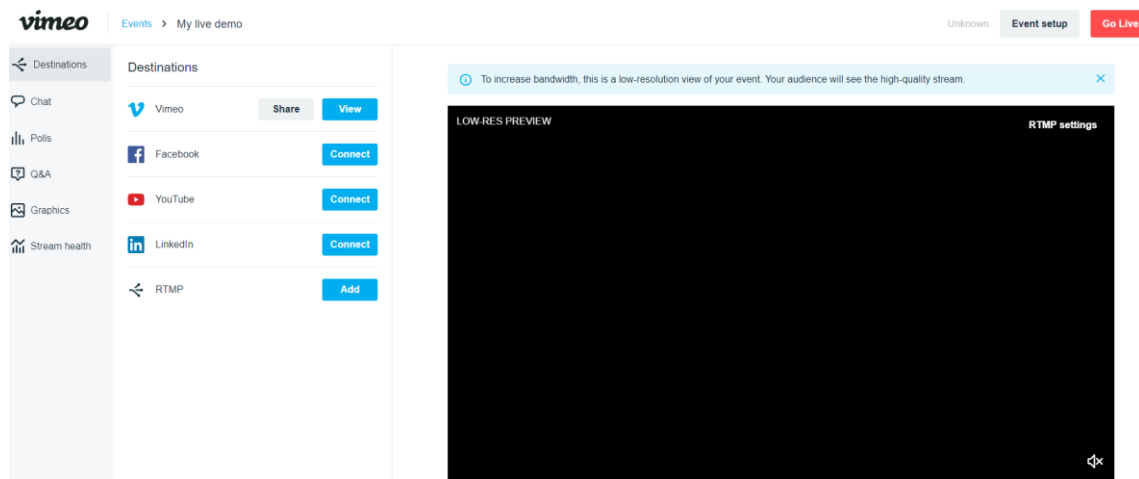
Disconnect

14. To verify, go to your Vimeo Live Dashboard and verify the video feed from the TR320/530 camera.



15. To end the streaming feed from the TR camera, go to the WebLogin and select “Disconnect”.

16. To verify on Vimeo, go back to your Vimeo account, it should now be displaying a “Black” screen.



17. This concludes the AVer TR320/530 Camera integration within the Vimeo environment.