

AVer PTZ 310/330 and TR3xx/TR3xxV2 Camera Integration

used with Open Broadcaster Software (OBS)

(February 2022)

Steps to integrate the Aver PTZ310, PTZ330 and TR3xx, TR3xxV2 Cameras into the OBS Studio Software

OBS offers different options for video recording and live streaming, real time video/audio capturing, and mixing.

AVer has high quality image Cameras (PTZ330 / TR530 / TR3xx/TR3xxV2) that will integrate with these workflows for peak performance and ease of use. We will show the configuration process for these cameras and the OBS Studio Software. There are some pre-requisites for this to happen, see below.

- Chrome Browser, version 79.0.3945.xxx and later.
- OBS 24.0.3 (64 bit) Software for Windows, roughly 73MB in size.
- (https://obsproject.com/download).

	LIILOLO LIJO I INI	Application	
OBS-Studio-24.0.3-Full-Installer-x64	2/6/2020 6:12 PM	Application	73,213 KB
— <u> </u>			

- Windows 10 Pro OS used in this setup.
- 1. If OBS software is not installed, install, and follow the prompts.
- 2. There are 3 main ways to integrate the AVer camera with OBS, they are:
 - 1. USB Connection
 - 2. Real Time Streaming Protocol (RTSP)
 - 3. Streaming Output

AVer PTZ310/330 Camera Setup

The AVer PTZ310/330(N) and TR3xx/TR3xxV2 cameras have various video output capabilities; here is a brief overview of each.



USB Connection:

Connect the AVer PTZ310/330 Camera to a USB port on the PC using the USB to Micro-USB
 cable and verify that Windows does see the device in the "Device Manager" window.



📩 Device Manager
File Action View Help
✓
> 🖷 Audio inputs and outputs
> 😺 Batteries
> 🗑 Biometric devices
> 🚯 Bluetooth
✓
HP HD Camera
HP IR Camera
PTZ330
> 💻 Computer
> 👝 Disk drives

AVer PTZ310/330 Camera Setup (continued)

2. Next, open the OBS software and go to the "Sources" display. Select the "+" to add a source, and then select "Video Capture Device".



3. You should now see the following dialog box, give the Video Source a name and then select "OK".

S Create/Select Source	×	S Create/Select Source	×
• Create new		• Create new	
Video Capture Device 2		ÞтZ330	
Add Existing		Add Existing	
Video Capture Device		Video Capture Device	
Make source visible	Cancel	Make source visible	OK Cancel

4. Next, you should now be seeing the following window to select the PTZ330 as a device.



 At this point you should have active PTZ330 Camera video. Selecting "Configure Video", will give you some basic controls for Video Processing (Brightness/Contrast/Sat/Sharpness) and Camera Control (Pan/Tilt/Zoom).

AVer PTZ310/330 Camera USB Setup (continued)

		Properties			
		Video Proc Amp Camera Contr	lo		
					Auto
		Brightness —		5	Г
		Contrast —		2	
	Configure video	Hue J			Γ
	Configure Crossbar	Saturation		5	
	Deactivate when not showing	Sharpness —		2	Г
		Gamma I			Г
tion		White Balance		4192	
		Backlight Comp		0	
		Gain 🚽			
ace		ColorEnable 🔽	 PowerLine Frequency (Anti Flicker) 		•
ige					

- 6. Once you have setup accordingly, select "OK", then "OK" again to exit the window.
- 7. You will be brought back to the OBS Main page; you should now see Camera video as the PTZ330 USB Source.



Recording

1. To begin recording the Program out of the OBS software, press the "Start Recording" selection under the "Controls" header.

Controls 8	Controls B
Start Streaming	Start Streaming
Start Recording	Stop Recording
Studio Mode	Studio Mode
Settings	Settings
Exit	Exit

 To end the recording, select "Stop Recording", by default the video will be recorded to the "Videos" folder of the Windows User logged in.

 To change the "default" settings, select "Settings" under the "Controls" header, you should see the following window appear. This is where you can change the Recording Path, Recording Format, and Streaming Properties.

6	lettings			×
ł	General	Output Mode	Simple	
"	A') Stream	Streaming		
C	Output	Video Bitrate	2500 Kbps	\Diamond
) Austin	Encoder	Software (x264)	0
	// Audio	Audio Bitrate	160 	\$
Ļ	Video		Enable Advanced Encoder Settings	
Ē	Hotkeys			
ો	Advanced	Recording		
1	Narancea	Recording Path	C:\Users\v002712\videos Browse	
			Generate File Name without Space	
		Recording Quality	Same as stream	
		Recording Format		
		Custom Muxer Settings		
			Enable Replay Buffer	
				l l
				l l
				Apply V
				— у

RTSP Input to the OBS system

 Connect the PTZ310/330 camera via Network RJ45 connection; verify IP address of Camera 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" 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 Network > DHCP > On .	

Camera Video Outout				
Network	DHCP	On	Off	
Advanced Setting	Static IP		On	
System				

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

Camera Video Output				
Network Advanced Setting				
System	Camera Selector			
	Status OSD			
	Language	English		
	Information		Model Name	PTZ310
	Factory Default		Version	0.0.0000.32
			IP Address	192.168.0.100
			MAC	50:33:8b:9a:94:38

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://192.10 Your connec	58.0.106 tion to this site is not priva	e		
Username	1			
Password				
			Sign in	Cancel

3. The default Username/Password is "admin / admin".

*Note: If this is the first time accessing the PTZ310/330 camera via the Web login it will ask you to change the Username/Password. Please write down the new credentials.

4. Next, you should now see the main login screen with a "Live View" of the PTZ Camera.

AV er		10
O Live View		
Camera Settings		E Contraction
Video & Audio		
Hetwork		
Advanced Settings		
-v- System	Camera Control	Preset
		A AF

 Next, after selecting the Video & Audio setting, verify that you have either "Stream Only" or "USB + Streaming" selected. Select your Stream Video Output, Bitrate, and Framerate.

Video Mode AVer Stream Only O USB + Streaming USB Only Live View tream Video Outpu Camera Settings 1Mbps 1280x720 Video & Audio I-VOP Interval (S) Rate Control Retwork O VBR O CBR 15 1 0 Advanced Settings Audio Volume Audio Input Type -∧-- System O MIC In Line In 0 Encoding Type Sampling Rate o AAC G.711 16K

***Note:** Some servers require a minimum bitrate of 2.5Mbps for their environment.

Video Standard->	Stream Only (Various)	USB Only (Various)	USB + Streaming (Various)	NDI (1080p/60)
SDI Output	×	\checkmark	\checkmark	✓
HDMI Output	×	✓	\checkmark	✓
USB Output	x	✓	\checkmark	x
RTSP Output	\checkmark	x	\checkmark	✓

6. Next, select the *Network* setting, set the *RTSP Security* to either "On" or "Off" depending on you want encryption when using RTSP.

AV er	DHCP	
O Live View	On Off IP Netmask	
Camera Settings	192.168.0.106 255.255.255.0	
Video & Audio	Gateway DNS	
器 Network	192,168.0.1	Confirm
Advanced Settings	RTMP Settings RTSP Security	
-v/- System	Server URL On Ort	
	Start Stream STOP	

***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.

7. Next, go back to the OBS software and select the "+" sign under the "Sources" header, and then select "Media Source".



8. Next, select "*Create new*", and give it a name, i.e., "RTSP PTZ330", then select "OK". After selecting "OK", you should see the name given populate into the "Sources" display.



9. Next, *de-select* any of the boxes that are enabled/selected by default, you should now see the following.



10. Next, in the "Input" field, type in the following syntax for the PTZ310/330 RTSP feed, "rtsp://Camera IP:554/live_st1", where Camera IP is the actual IP address of the



6	Properties for 'RTSP	PTZ330'	×
	Network Buffering	Local File Restart playback when source becomes active 2 MB	
	In	out rtsp://199466967_9:554/live_st1	
	Input Format		
		Use hardware decoding when available Show nothing when playback ends	
	YUV Color Range		
		Seekable	
l	Defaults		

11. Next, select "OK", you should be seeing camera video on your OBS Preview display streaming from the PTZ330 camera.



Streaming Output from OBS

To connect to a streaming service like YouTube, Twitch, Facebook, etc., do the following steps.

1. Select Settings under the "Controls" header, then select "Stream"; you should now be seeing the following window displayed.

Settings			×
A constal			
V General	Service	YouTube / YouTube Gaming	0
((•)) Stream	Server		0
C Output	Stream Key (Link)	•••••	Show
— ,			
Audio			
Video			
Hotkeys			
X Advanced			

- 2. Next, select the "Service" you want to stream to, in this example we are using YouTube.
- Next, you will need your "Stream Key" to complete the process, for YouTube, go to your account and find the "Encoder Setup" information, copy the "Stream name/key" information. You may have to switch to "Classic view" to find it quicker.

Server URL rtmp://a.rtmp.youtube.com/live2 Stream name/key		ENCODER SETUP
rtmp://a.rtmp.youtube.com/live2 Stream name/key		Server URL
Stream name/key	e.com/live2	rtmp://a.rtmp.youtube.com/li
		Stream name/key
Reveal	Reveal	

4. Next, go to the OBS Stream Key selection and paste that information into the space provided.

Settings			×
*			
General	Service	YouTube / YouTube Gaming	\$
(()) Stream			
A	Server	Primary YouTube ingest server	Ÿ
	Stream Key <u>(Link)</u>	•••••	Show
Output	Stream Key <u>(Link)</u>		Show

5. Next, select "OK", then select "Start Streaming" under the "Controls" header.

Controls	
Start Streaming]
Start Recording	Į
Studio Mode	
Settings	
Exit	

Streaming Output from OBS (continued)

6. Verify that you see "Dropped Frames" displayed, LIVE counter, and "Green status bar" for kb/s has begun. At this point you are now streaming to YouTube.



7. To verify, go to your YouTube Live Dashboard and verify the video feed from OBS.



8. To end the streaming feed, select "Stop Streaming" from the "Controls" header, the "Dropped Frames" and "kb/s" information should now be removed from view to indicate streaming has stopped.

Controls	5		1	Scene Transitions	5
Start Streaming		Fade			
Start Recording					+- o
Studio Mode					
Settings		Duration	300 ms		\sim
Exit					
	LIVE: 00:	00:00	REC: 00:00:00	CPU: 1.6%, 30.00 fps	

9. To verify on YouTube, go back to your YouTube Live Dashboard, it should now be displaying "Offline".



10. This concludes the AVer PTZ310/330 Camera integration within the Open Broadcaster Software (OBS).

AVer TR3xx / TR3xxV2 Camera Setup





- Chrome Browser, version 79.0.3945.xxx and later.
- OBS 24.0.3 (64 bit) Software for Windows, roughly 73MB in size.
- (https://obsproject.com/download).

Camera unit

Ceiling mount

bracket(x2)

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🕞 OBS-Studio-24.0.3-Full-Installer-x64	2/6/2020 6:12 PM	Application	73,213 KB
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- Windows 10 Pro OS used in this setup.
- 3. If OBS software is not installed, install, and follow the prompts.
- 4. There are 3 main ways to integrate the AVer camera with OBS, they are:
 - 1. USB Connection
 - 2. Real Time Streaming Protocol (RTSP)
 - 3. Streaming Output

TR3xx / TR3xxV2 Camera USB Connection

USB Connection (TR313): Connect the AVer TR313 Camera to a USB port on the PC using a Type-C USB cable to Type-A/C USB cable and verify that Windows does see the device in the "Device Manager" window.

***Note:** If it is a long cable run, you can "step down" the Type-C USB 3.0 to a USB Type-A/C 2.0 cable and still get good quality video (1080p/30) with USB 2.0 cable.



USB Connection (TR313V2): Connect the AVer TR313V2 Camera to a USB port on the PC using a Type-B USB cable to Type-A/C USB cable and verify that Windows does see the device in the "Device Manager" window.

***Note:** If it is a long cable run, you can "step down" the Type-B USB 3.0 to a USB Type-A/C 2.0 cable and still get good quality video (1080p/30) with USB 2.0 cable.



Typical Connection: Power Supply is needed.



Here is a link to an AVer Support Article for the USB compatibility list: <u>https://averusa.force.com/support/s/article/USB-Extender-Compatibility-List-ProAV</u>

TR3xx / TR3xxV2 Camera USB Connection (continued)

1. Next, open the OBS software and go to the "Sources" display. Select the "+" to add a source, and then select "Video Capture Device".



2. You should now see the following dialog box, give the Video Source a name and then select "OK".

S Create/Select Source	×	Create/Select Source	×
• Create new		• Create new	
Video Capture Device 2		ÞTZ330	
Add Existing		Add Existing	
		Video Capture Device	
✓ Make source visible OK	Cancel	Make source visible	K Cancel

3. Next, you should now be seeing the following window to select the TR313 as a device.



 At this point you should have active TR313 Camera video. Selecting "Configure Video", will give you some basic controls for Video Processing (Brightness/Contrast/Sat/Sharpness) and Camera Control (Pan/Tilt/Zoom).

TR3xx / TR3xxV2 Camera USB Connection (continued)

		Properties				
		Video Proc Amp Camera Co	ntrol			
						Auto
		Brightness	-		5	Г
	Configure Mideo	Contrast			2	
	Compute video	Hue	-			
	Configure Crossbar	Saturation			5	
	Deactivate when not showing	Sharpness	_		2	- Γ
		Gamma	-	2		- _Г
		White Balance			4192	-
		Backlight Comp	-	-	0	-
		Gain	1			
ace		ColorEnable	Γ	PowerLine Frequency		•
nge	Default			(rind rindica)		

- 5. Once you have setup accordingly, select "OK", then "OK" again to exit the window.
- 6. You will be brought back to the OBS Main page; you should now see Camera video as the TR313 USB Source.



Recording

1. To begin recording the Program out of the OBS software, press the "Start Recording" selection under the "Controls" header.

Controls	Controls 6
Start Streaming	Start Streaming
Start Recording	Stop Recording
Studio Mode	Studio Mode
Settings	Settings
Exit	Exit

TR3xx / TR3xxV2 Camera USB Connection (continued)

2. To end the recording, select "Stop Recording", by default the video will be recorded to the "Videos" folder of the Windows User logged in.

→ × ↑ 🔢 > This F	C > Videos			
VMix Software VMix Software VMix Software This PC 30 Objects Desktop Documents Documents Downloads Music Pictures	^	Captures	2020-02-20 10-57-20	2020-02-20 11-04-22

3. To change the "default" settings, select "Settings" under the "Controls" header, you should see the following window appear. This is where you can change the Recording Path, Recording Format, and Streaming Properties.

Settings			×
General	Output Mode	Simple	
((•)) Stream	Streaming		
Output	Video Bitrate	2500 Kbps	Ş
ے ا	Encoder	Software (x264)	
	Audio Bitrate	160	
Video		Enable Advanced Encoder Settings	
Hotkeys			
Advanced	Recording		
Autoinced	Recording Path	C:\Users\v002712\\Ideos Br	
		Generate File Name without Space	
	Recording Quality	Same as stream	
	Recording Format		
	Custom Muxer Settings		
		Enable Replay Buffer	

TR3xx / TR3xxV2 Camera USB connected CaptureShare Software

Aver Information Inc. offers a <u>free</u> software for the NEW TR3xx and TR3xxV2 series of cameras, *CaptureShare*, that works in Windows and MAC OS's. It allows you to be able to configure the TR3xx/TR3xxV2 camera for Presenter, Zone, and Hybrid Mode Tracking, as well as some of the basic video settings such as Contrast, Saturation, Mirroring, and video output settings while being ONLY connected to the camera via USB.

Once downloaded and installed you will have two modules:

- AverCamera Setting Tool; used if you only need control/configuration of the camera.
- CaptureShare; has additional features, like PiP, annotation, recording, streaming, etc.



For more detailed information, download the User Manual on the AVer Pro-AV website. The following is used to setup the TR3xx/TR3xxV2 camera with CaptureShare.

1. Once *CaptureShare* is opened, select the Camera carrot, then select the TR313 camera as the source.



- 2. Next, you should see video from the camera, and have control via the Up/Down and Left/Right arrows.
- 3. Use the Up/Down and Left/Right arrows to position the camera to save Preset #1, then select *"Save"*. This preset is used when in *Presenter Mode* tracking, if tracking is lost, the camera will automatically go to Preset #1 after 5 seconds.



- 4. Next, save Presets 6, 7, 8, and 9, these presets are used when in *Zone Mode* tracking.
- 5. You can Enable/Disable Tracking via CaptureShare and the camera remote.



6. You also can record locally and "stream" out to YouTube/FB/other streaming services once the RTMP Server / RTMP Key are configured.

						Stream Setting		×
						Automatic record		
						Select Service	YouTube	•
						Stream URL	rtmp://a.rtmp.youtube.com/live2	
	100 X	1000				Stream Key	zjx4-q	
-						Resolution	720p	•
	Ó		ii (((0))	₽		Apply	

7. Opening the *AVerCamera Setting Tool* will allow you to setup the camera without the additional tools for Streaming, Recording, etc. This can be used while the camera is being used on a Zoom/Teams call.

4	
4 1	•
V	
[AF] — —	•- +
Q - O	- +
Preset setting	
 ■ 0 1 4 5 	2 3 6 7
	Save
Auto tracking	0
Tracking mode	

8. This concludes the brief introduction to *CaptureShare* and the *AVerCamera Setting Tool*.

TR3xx / TR3xxV2 Camera RTSP Setup

RTSP Input to the OBS system

 Connect the TR3xx/TR3xxV2 camera via Network RJ45 connection; verify IP address of Camera 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" 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 **Network > DHCP > On**.



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

Camera	Camera Selector	3	Model N	lame TR31
Advanced Setting	Status OSD	ON	Firmwar	e Version 0.0.0000.18
Video Output	Language	English		
Network	NDI	OFF	MAC	00:18:1A:04:4C:7[
	CarrieNetto_TR313_N			
	Tally	Enable		
	Information	8		
	Factory Default	OFF		

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 TR3xx/TR3xxV2 camera shown below.

Sign in				
http://192.16 Your connect	8.0.106 ion to this site is not priv	/ate		
Username	1			
Password				
			Sign in	Cancel

3. The default Username/Password is "admin / admin".

*Note: If this is the first time accessing the TR3xx/TR3xxV2 camera via the Web login, it will ask you to change the Username/Password. Please write down the new credentials.

4. Next, you should now see the main login screen with a "Live View" of the PTZ Camera.

AVer		HOW The	JMAN B	DDY
O Live View		5	C >	
Camera Settings		-	N	A H STATE
💐 Video & Audio			1 4	
品 Network				
Tracking Settings		23 P		Series .
-v- System		TAN -	- Bit	A 54
	17	Part Now	Extreme Pas series vice a se	
	Camera Control		Preset	Tracking Control
			AF	Pan Speed
		Ð,		· ·•

5. Next, after selecting the *Video & Audio* setting, verify that you have either "Stream Only" selected or "USB + Streaming" selected. Select your Stream Video Output, Bitrate, and Framerate.

***Note:** Some servers require a minimum bitrate of 2.5Mbps for their environment.

AVer	Priority Mode	•			
Live View	2160p 1	080p			
Camera Settings	Power Frequency	0			
Video & Audio	50Hz 59.94Hz	60Hz			
器 Network	Video Mode				
• Tracking Settings	USB + Streaming Stream Only USB Only	~			
-vv- System	USB + Streaming NDI		Bitrate		Encodir
	1920x1080	~	4Mbps	~	
	Framerate		I-VOP Interval (S)	1s	Rate Co

	Stream Only	USB Only	USB + Streaming	NDI
Video Standard->	(Various)	(Various)	(Various)	(1080p/60)
SDI Output	×	\checkmark	\checkmark	✓
HDMI Output	\checkmark	\checkmark	\checkmark	✓
USB Output	x	\checkmark	\checkmark	x
RTSP Output	\checkmark	x	\checkmark	✓

6. Next, select the *Network* setting, set the *RTSP Security* to either "On" or "Off" depending on if you want encryption when using RTSP.

AV er	DHCP		
Contraction Manual	On Off		
Cive view	IP	Netmask	
Camera Settings	192.168.0.223	255.255.255.0	
Video & Audio	Gateway	DNS	
格 Network	192.168.0.1	192.168.0.1	Confirm
• Tracking Settings	RTMP Settings	RTSP Security	
-AA System	Server URL dmp://a.dmp.youtube.com/live2/	On Off	
	Stream Key		
	сууд-		
	Start Stream STOP		
	SRT Settings		
	Destination IP Port	Encryption	

*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.

7. Next, go back to the OBS system and select the "+" sign under the "Sources" header, and then select "Media Source".



8. Next, select "*Create new*", and give it a name, i.e., "RTSP TR313", then select "OK". After selecting "OK", you should see the name given populate into the "Sources" display.



9. Next, *de-select* any of the boxes that are enabled/selected by default, you should now see the following.



10. Next, in the "*Input*" field, type in the following syntax for the TR3xx/TR3xxV2 RTSP feed, "rtsp://Camera IP:554/live_st1", where Camera IP is the actual IP address of the



11. Next, select "OK", you should be seeing camera video on your OBS Preview display streaming from the TR3xx/TR3xxV2 camera.



Streaming Output from OBS

To connect to a streaming service like YouTube, Twitch, Facebook, etc. from OBS, do the following steps.

1. Select Settings under the "Controls" header, then select "Stream"; you should now be seeing the following window displayed.

Settings			\times
General			
*	Service	YouTube / YouTube Gaming	0
((*)) Stream	Server		٥
C Output	Stream Key (Link)	••••••	Show
Audio			
Video			
Hotkeys			
X Advanced			

- 2. Next, select the "Service" you want to stream to, in this example we are using YouTube.
- Next, you will need your "Stream Key" to complete the process, for YouTube, go to your account and find the "Encoder Setup" information, copy the "Stream name/key" information. You may have to switch to "Classic view" to find it quicker.

ENCODER SETUP	
Server URL	
rtmp://a.rtmp.youtube.com/live2	
Stream name/key	
Rev	eal

4. Next, go to the OBS Stream Key selection and paste that information into the space provided.

Settings			×
*			
General	Service	YouTube / YouTube Gaming	\$
('Å') Stream	Server	Primary YouTube ingest server	0
	Stream Key <u>(Link)</u>	•••••	Show

5. Next, select "OK", then select "Start Streaming" under the "Controls" header.

Controls	8
Start Streaming	
Start Recording	
Studio Mode	
Settings	
Exit	

Streaming Output from OBS (continued)

6. Verify that you see "Dropped Frames" displayed, LIVE counter, and "Green status bar" for kb/s has begun. At this point you are now streaming to YouTube.



7. To verify, go to your YouTube Live Dashboard and verify the video feed from OBS.



8. To end the streaming feed, select "Stop Streaming" from the "Controls" header, the "Dropped Frames" and "kb/s" information should now be removed from view to indicate streaming has stopped.

Controls	8		Scene Transitions	8
Start Streaming	Fade			
Start Recording				+- ¤
Studio Mode				
	Duration	300 ms		
Settings				
Exit				
LIVE: 00:00:00		REC: 00:00:00	CPU: 1.6%, 30.00 fps	

9. To verify on YouTube, go back to your YouTube Live Dashboard, it should now be displaying "Offline".

OFFLINE @			
	LIVE STREAMING CHECKLIST		1
	Set up encoding software	1	*
auto of smith	Add stream info	[#	*
	Optional features	(2	*
	((+)) Go live	[#	*
DOILEDIAY	Don't show these tips a	gain	
Live stream offline	Top chat 👻	\$:
*Ij Streamed Ilve 43 minutes ago	Welcome to live chaff Remember privacy and abide by our commun	to guard your ity guidelines.	

10. This concludes the AVer TR3xx/TR3xxV2 Camera integration within the Open Broadcaster Software (OBS).

AVer Pro-AV Camera PTZ OBS Plugin

AVer Pro-AV offers a "free" Plugin for OBS that allows PTZ camera control right from within the OBS software. Go to our Pro-AV website to download the User Manual and get more detailed information: <u>https://www.averusa.com/pro-av/support/</u>

AVer PTZ OBS Plugin

For the following cameras

- PTZ310/PTZ330/PTZ310N/PTZ330N/PTZ310W/PTZ330W (firmware v0.0.0000.59 or above)
- PTC500S/TR530/TR320 (firmware 0.0.1000.69 or above)
- TR310/TR311/TR311HN/TR313/TR331/TR333 (firmware v0.0.0000.31 or above)

Camera Control

