



TR311HWV2

AI Auto Tracking

12X HD PTZ Streaming Camera



Professional Quality Video for Everyone.

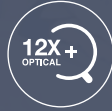
The AVer TR311HWW2 AI Auto Tracking Camera in white gives you lots of flexibility with multiple tracking modes, outputs and upgradeable to NDI/HX! The 12X optical zoom and HD resolution offer the range and picture quality for medium to large rooms. The advanced artificial intelligence (AI) technology allows you to track your speaker (full or half body), pre-set shoot zone, or with hybrid mode without a dedicated camera operator. New voice tracking (with PTZ Link software and select microphones) and gesture control features give presenters even more control.

With PoE+, SRT, LAN, USB type B to PC, Virtual USB, RS232, HDMI-Out, AVer control and management software, and compatibility with all popular video platforms, you have all you need to connect with ease in any environment.

Our industry-leading AVerCare warranty program offers 3 years protection and 24-hour replacement to give you total peace of mind.



3 Auto Tracking Modes



12X Optical Zoom



HDMI, IP, USB Output



Full HD Resolution



PoE+ Support



Wide Dynamic Range

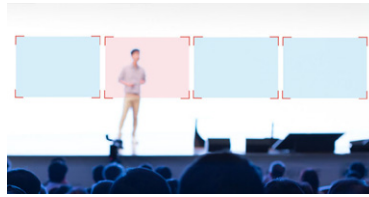
People Tracking

- Capture every interaction
- Either track full body or half body
- Simple click to track and manually follow an additional presenter via remote control or Web UI



Zone Tracking

- Establish preset zones
- Create video focused on content
- Enhance the capture of content on multiple displays



Hybrid Mode

- Camera auto switch between Presenter vs Zone mode
- Combines the best features of Presenter and Zone mode
- Flexibility of tracking presenter freely or fixed content



Voice Tracking

With the aid of PTZ Link and select microphones, you can easily turn AVer PTZ camera to a voice tracking camera through setting preset points. Accomplish all this without having to hire expensive programmers!



Wide Dynamic Range

The Wide Dynamic Range (WDR) of the camera uses special algorithms to balance dark or bright lighting for one clear image.



Tally Light

Simplify multi-camera live video productions with an illuminated red light on the active camera.





Free Software for Users and AV Managers

Whether you need a simple tool to control your PTZ or TR camera, or manage over a hundred on your network, AVer has great options. CaptureShare and PTZ Management for desktop and AVer PTZ Control Panel for iPad have you covered. For new voice tracking features, look to PTZ Link. Visit our [support page](#) for easy download of our desktop software.



Compatible Software

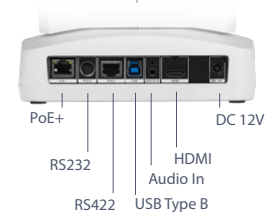


Microsoft Teams

Product Specifications

Camera	Sensor Size	1/2.8" CMOS
	Pixel	2MP
	Output Resolution	Resolution: 1080p/720p Frame Rate: 60/59.94/50/30/29.97/25
	TV Line	900 (center/wide)
	Focal Length	f=3.9 ~ 46.8mm
	Iris	F=1.6 (Wide) ~ 2.8 (Tele)
	Optical Zoom	12X
	Digital Zoom	12X
	Total Zoom	144X
	D FOV	78° (wide) ~ 7° (Tele)
	H FOV	70° (wide) ~ 6° (Tele)
	V FOV	42° (wide) ~ 3° (Tele)
	Minimum Illumination	0.5 lx (50 IRE, F1.6, Max. AGC, 1/30)
	Minimum Working Distance	Wide 0.5m, Tele 1.5m
	Focus	Auto/Manual/One Push
	White Balance	Auto/Manual
	Gain	Auto/Manual
	Shutter Speed	1/1 s to 1/10,000 s
	BLC (Back Light Compensation)	Yes
	Exposure	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR
	Noise Reduction	2D/3D NR
	Frequency	50Hz & 60Hz
	S/N Ratio	≥50dB
Image Effect	Mirror/Flip Freeze/WDR/BLC	
WDR (Wide Dynamic Range)	Yes	
Parameter	Pan Angle	-170° ~ +170°
	Tilt Angle	-30° ~ +90°
	Pan Control Speed	0.1 ~ 100°/Sec
	Tilt Control Speed	0.1 ~ 100°/Sec
	Preset Speed	Pan: 200°/Sec, Tilt: 200°/Sec
	Preset Number	10 Locations by Remote, 256 vis RS232
	IP Streaming	Resolution (Max)
Video Compression		H.264, H.265, MJPEG
Audio Compression		AAC, PCM
Protocol		IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP
Bitrate		512Kbps ~ 32Mbps
Bitrate Control Mode		VBR/CBR
SRT Protocol		Yes

I/O Interface	Video Output	HDMI, IP, USB	
	Audio Output	HDMI, IP, USB	
	Audio Input	MIC in/Line in	
	Baud Rate	2400, 4800, 9600, 38400	
	Control Interface	RS-232/RS-422/Ethernet	
	Control Protocol	VISCA/PELCO-D (RS232/RS422/IP), CGI (IP)	
	Network Interface	10/100/1000 Base - T	
	USB	3.0	
	POE+	PoE+ (IEEE802.3at)	
	Power Requirements	12V	
	USB	Connector	USB3.0 (typeB)
		Video Format	MJPEG/YUY2
	Audio	Resolution (Max)	1080P
Video Class		UVC 1.1	
Audio Class		UVC 1.0	
System	Channel	2ch (stereo)	
	Codec	AAC-LC, PCM	
System	Sample Rate	AAC-LC(48Khz)	
	IR Remote Control	Yes	
	Tally	Yes	
	Kensington Lock	Yes	
	Power Consumption	19W	
	Operating Temperature	0°C ~ +40°C	
	Operating Humidity	20%~80%	
	Storage Temperature	-20°C ~ +60°C	
	Storage Humidity	20% ~ 95%	
	Dimensions	W180*D145*H192mm	
Net Weight	2 kg (+/-0.1) (4.41 lbs)		
Application	Indoor		
Accessory		Remote control, 12V power adapter, power cable, Din8 to D-Sub9 cable, RS232 in/out cable, screw for mount, ceiling mount, cable fixing plates, quick guide.	
	Software Tools	AVer PTZ Management, CaptureShare, PTZ Control Panel , PTZ Link, OBS Plug In	
Warranty	Camera	3 Years	
	Accessories	1 Year	
Tracking	Mode	Presenter, Zone, Hybrid	
	Mechanism	Human detection (half or full body)	
Ordering Info	Part Number	PATR3HWV2	



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