

TR211

AI Auto Tracking

12X HD PTZ Streaming Camera

NDI|HX3 SRT READY 1080p FULLHD

zoom Certified

Compatible with ClickShare Conference BARCO

TAA NDAA COMPLIANT

AVerCare Pro AV Guarantee 24 Hour Replacement | 5 Year Warranty

Professional PTZ Camera Provider

Exceptional Video Quality with Zero Compromises

The AVer TR211 AI Auto Tracking Camera delivers professional-grade lectures, sermons, trainings or whatever you need to stream! The 12X optical zoom, powerful 8MP camera and 1080p 60fps resolution offer the range and picture quality to produce the highest quality productions. The advanced artificial intelligence (AI) technology allows you to track your speaker (full or half body) or pre-set shoot zone without a dedicated camera operator. The TR211 is built on a new platform to provide improved performance that will enable AVer to continue to innovate. You can expect faster firmware upgrade, boot times, video initialization, and improved performance compared to previous model (TR311HWV2).

With PoE+, SRT, SDI, LAN, USB type B to PC, 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 5-year protection and 24-hour replacement to give you total peace of mind.

- 3 Auto Tracking Modes
- 12X Optical Zoom
- 3G-SDI, HDMI, IP, USB Output
- Full HD Resolution
- PoE+ Support
- Wide Dynamic Range

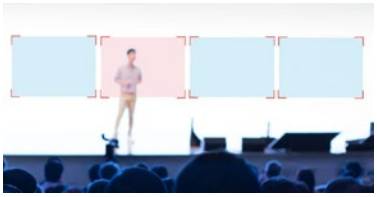
Presenter Tracking

- 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

Upgrade your audiovisual setup with AVer PTZ cameras and select compatible microphones for precise voice tracking using the camera preset points. Run PTZ Link software on in-room UC compute or PC or integrate MT300N for worry free security and OS updates. No need for costly programmers!



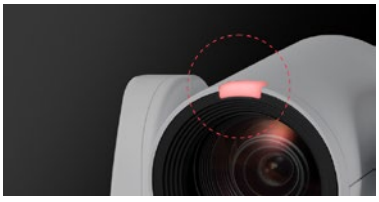
Wide Dynamic Range

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.

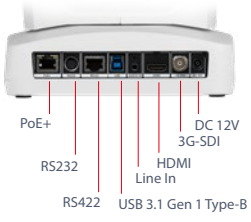
Compatible With

CRESTRON, echo 360, Extron, Microsoft Teams, Panopto, KALTURA, vMix, BARCO, zoom, telestream, NewTek, Q-SYS

Product Specifications

Camera	Sensor Size	1/2.8" CMOS
	Pixel	2Mega
	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 ~ 46.8 mm
	Iris	F=1.6(wide) ~ 2.8(tele)
	Optical Zoom	12x
	Digital Zoom	1x
	Total Zoom	12x
	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 0.3m, 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)	1080P(60PFS)
	Video Compression	H.264, H.265, MJPEG
	Audio Compression	AAC
	Protocol	IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP,VISCA over IP
	Bitrate	512Kbps ~ 32Mbps
	Bitrate Control Mode	VBR/CBR
	Multi-stream Capability	4 Simultaneous Streams: USB/HDMI/IP/3G-SDI MAX: 1080P60
	NDI®|HX3 capability	Yes

I/O Interface	Video Output	3G-SDI, HDMI, IP, USB
	Audio Output	3G-SDI, 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	MJPG
	Resolution (Max)	1080P
	Video Class	UVC 1.1
	Audio Class	UAC 1.0
Audio	Channel	2ch (stereo)
	Codec	AAC-LC(48K)
	Sample Rate	48Khz
System	IR Remote Control	Yes
	Tally	Yes
	Kensington Lock	Yes
	Power Consumption	18W
	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	2.0 kg (+/-0.1) (4.4 lbs)
	Application	Indoor
	Accessory	Remote control, 12V power adapter and power cable, RS232 Din8 to DP9 cable, RS232 in/out Y cable, Ceiling mount(x2), M2x4mm Screw(x3), M3x6mm Screw(x3), 1/4"-20 L=6.5mm Screw(x2), Cable fixing plates, Cable ties(x4), Drilling Paper, Quick Guide
	Optional Accessories	Wall mount, Camera Controller(CL01)
Warranty	Camera	5 Years
	Accessories	1 Year
Tracking	Mode	Presenter, Zone, Hybrid, Gesture Control
	NDI	Yes
Ordering Info	Part Number	PATR211V3



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