



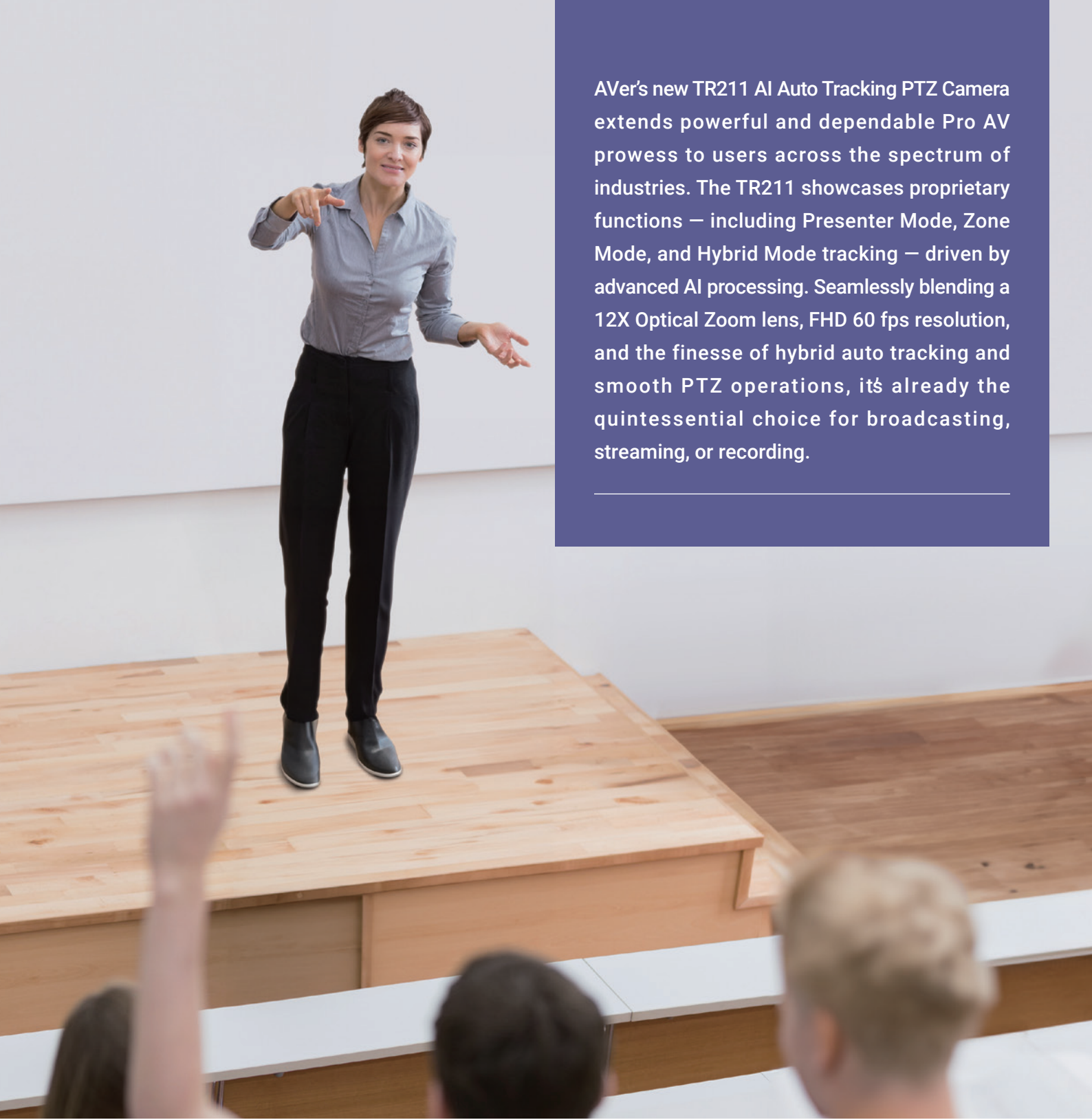
SUPERIOR PRO AV TRACKING

AVer TR211

AI Auto Tracking PTZ Camera



Dante AV-H™



AVer's new TR211 AI Auto Tracking PTZ Camera extends powerful and dependable Pro AV prowess to users across the spectrum of industries. The TR211 showcases proprietary functions – including Presenter Mode, Zone Mode, and Hybrid Mode tracking – driven by advanced AI processing. Seamlessly blending a 12X Optical Zoom lens, FHD 60 fps resolution, and the finesse of hybrid auto tracking and smooth PTZ operations, it's already the quintessential choice for broadcasting, streaming, or recording.



Full HD 1080p
Resolution



12X Optical
Zoom



IP/HDMI/
USB/3G-SDI



Intuitive
Web UI



5-Year
Warranty



Human
Detection AI



Presenter
Mode



Zone Mode



Hybrid Mode

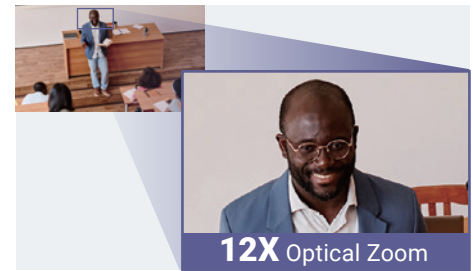


Voice Tracking*

* Voice Tracking requires PTZ Link.

12X Optical Zoom Magnifies Details

Experience the exceptional power of the TR211 camera's astounding 12X optical zoom. This feature seamlessly operates even while the camera is panning and tilting, granting you the ability to accentuate content and quickly shift between shooting perspectives. Embrace the advantage of dynamic, crystal-clear video feeds through the TR211's unparalleled PTZ performance.



HDMI/USB/IP. 60 FPS.

Leverage the TR211's Full HD 1080p 60 fps streaming potential through HDMI, USB, and IP outputs. Free from intricate configurations and cable entanglements, you can effortlessly use multiple devices simultaneously to produce fluid video streams.



AI Auto Tracking Makes Streaming Smart & Effortless

Powered by highly precise processing, AVer's cutting-edge AI Auto Tracking algorithms easily identify and capture human figures and moving objects. You'll never lose track of your target again with the TR211's unmatched tracking precision.



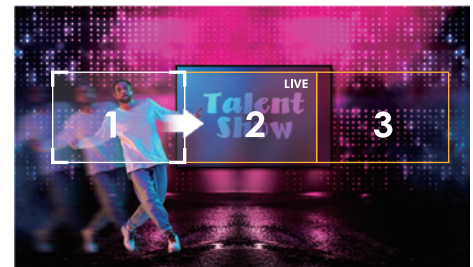
Presenter Mode

Get unparalleled tracking performance with Presenter Mode. This dynamic feature empowers presenters to venture beyond the stage to engage with their audience while the camera maintains seamless tracking.



Zone Mode

Zone Mode elevates your ability to capture content across multiple displays. Generate up to four dedicated Content Zones to consistently capture displayed information or items, prioritizing important presentation materials over the presenter's movements.



Hybrid Mode

Free your performers by enabling unrestricted movement with Hybrid Mode. Use preset areas for zone tracking, letting the camera seamlessly switch to a full view of each pre-defined location as performers move through the areas. If they move beyond these zones, the camera seamlessly adapts, switching to presenter mode to effortlessly and precisely track their movements.



Product Specifications

Camera		General	
Image Sensor	1/2.8" 1080p Exmor CMOS	Power Requirement	AC 100 - 240V to DC 12V/5A
Effective Picture Elements	2 Megapixels	Power Consumption	18W
Output Resolutions	1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50, 720p/30, 720p/29.97, 720p/25	PoE	PoE+
		Dimensions (W x H x D)	180.0 x 192.0 x 145.0 mm
Minimum Illumination	0.46 lux (IRE50, F1.6, 30fps)	Net Weight	2.0 (±0.1) kg
S/N Ratio	≥ 50 dB	Application	Indoor
Gain	Auto, Manual	Tally Lamp	Yes
TV Line	1000 (Center)	Security	Kensington Slot
Shutter Speed	1/1 to 1/32,000 sec	Remote Control	Infrared
		Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
White Balance	Auto, Manual	IP Streaming	
Optical Zoom	12X	Resolution	1080p 60fps
Digital Zoom	12X	Network Video Compress Formats	H.264, H.265, MJPEG
Total Zoom	144X	Network Audio Compress Formats	AAC-LC (48K), PCM (8K)
Viewing Angles	DFOV : 80.6° (Wide) to 7.7° (Tele) HFOV : 72.8° (Wide) to 6.7° (Tele) VFOV : 44.1° (Wide) to 3.8° (Tele)	Maximum Frame Rate	1080p 60fps
		Bit-Rate Control Modes	VBR, CBR (selectable)
Focal Length	f = 3.9 mm (Wide) to 46.8 mm (Tele)	Range of Bit-Rate Setting	512 Kbps to 32 Mbps
Aperture (Iris)	F = 1.6 (Wide) to 2.8 (Tele)	Network Interface	10 / 100 / 1000 Base-T
Minimum Working Distance	0.3 m (Wide), 1.5 m (Tele)	Multi-Stream Capability **	5 1080p 60fps: RTSP, HDMI, USB & NDI® HX3 / Dante AV-H 1080p 60fps: 3G-SDI
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°		
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec		
Preset Positions	10 (IR), 256 (RS-232 / RS-422 / IP)	AV over IP Protocols	NDI® HX3 & Dante AV-H
Camera Control - Interface	RS-232 (DIN8), RS-422 (RJ45), IP, USB	USB	
Camera Control - Protocols	VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), USB, ONVIF	Connector	USB 3.1
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	Video Format	MJPEG, YUY2
Power Frequencies	50 Hz, 60 Hz	Audio Format	PCM
AI Auto Tracking Functions		Maximum Video Resolution	1080p
Tracking Modes	Presenter Mode, Zone Mode, Hybrid Mode	USB Video Class (UVC)	UVC 1.1
Privacy Protection Mechanisms		USB Audio Class (UAC)	UAC 1.0
Protection Mode	Sleep Mode	Web UI	
AI Control Functions		Live Video Preview	Yes
Gesture Control	Yes	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Audio		Camera/Image Adjustment	Exposure, White Balance, Picture
Channel	2ch Stereo	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Codec	AAC-LC (48K), PCM (8K)	Software Tools	
Sample Rates	48 / 44.1 / 32 / 24 / 16 / 8 KHz	IP Search and Configuration Tool	Support Windows® 7 or later
Interface		Enterprise Management	Supports Windows® 10 or later
Video Outputs	3G-SDI, HDMI, IP, USB	Control Panel	Supports iOS & iPadOS® 11 or later
Audio Outputs	3G-SDI, HDMI, IP, USB	PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
Audio Inputs	Mic in, Line in	OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Warranty		CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Camera	5 Years	Room Management	Supports Windows® 7 or later, macOS® 11.6 or later
Accessories	1 Year	Cloud Management	Supports Chrome™ & Microsoft Edge browsers
Package Contents	Camera, Remote Control, RS-232 In/Out Cable, Din 8 To D-Sub 9 Cable, Power Adapter, Power Cord, Cable Ties (x4), M2 x 4 mm Screws (x3), M3 x 6 mm Screws (x3), 1/4"-20L 6.5mm Screws (x2), Cable Fixing Plate, Ceiling Mount Brackets (x2), Drilling Paper, Quick Start Guide		
Optional Accessories	AVer CL01 PTZ Camera Controller, L-Type Wall Mount		

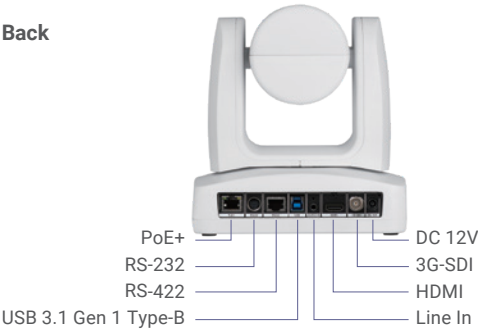
* Specifications may vary depending on location and are subject to change without notice.
** When choosing NDI® HX3 Mode, USB video will be disabled.

Product Appearance

Front



Back



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